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ABSTRACT

A program for improving and expanding dental education concerning treatment of the handicapped was evaluated and compared to dental education programs that were not funded to address the needs of the handicapped. Eleven dental schools received funding during 1975-1978 from the Robert Wood Johnson Foundation for the special training. Various kinds of evaluative measures were employed, including measures of the appropriate technical knowledge for handicapped care, and attitudes about treatment of handicapped persons in actual practice. A second part of the evaluation effort was a followup survey of the graduates of the ll target schools in the years 1974, 1976, and 1978 to determine the nature and extent of the handicapped patients in their practice. The data were supplemented by observations made during site visits to the schools. In addition, graduates of 10 schools that had not been funded were surveyed in 1978 and 1980. Extensive data are presented concerning results of a knowledge test, clinical experience with handicapped patients, treatment planning alternatives, student background characteristics, and followup results. Followup site visits to nine schools who were funded to provide the special training revealed that each of the schools were honoring their commitment to continue the program with their own resources. Questionnaires are included. (SW)

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EVALUATION OF A PROGRAM FOR TRAINING DENTISTS

Joel T. Campbell Barbara F. Esser Ronald L. Flaugher

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December 1982

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EVALUATION OF A PROGRAM FOR TRAINING DENTISTS

IN THE CARE OF HANDICAPPED PATIENTS

Submitted to .

THE ROBERT WOOD JOHNSON FOUNDATION

Joel T. Campbell

Barbara F. Esser

Ronald L. Flaugher

Educational Testing Service

Princeton, New Jersey

September 1982

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Norman Wexler and Dr. Lawrence Wightman handled the score equating for the knowledge test, and other data processing was contributed by Judy Pollack, Kirsten Yocum, and Norma Norris. Virginia Rau, as senior research assistant, took responsibility for many aspects of the project, particularly in data preparation.

Amanda Moore and Sonyetta Robinson were responsible for the physical preparation of this report. All of those named and others have the gratitude of the authors for their assistance in this effort.



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SUMMARY

Background

In 1973 the Robert Wood Johnson Foundation announced a program for improving and expanding dental education concerning treatment of the handicapped. Selected dental schools would receive funding during the years 1974 to 1978. Of the forty dental schools submitting proposals, eleven were selected by a committee of the American Fund for Dental Health to receive the funding.

Educational Testing Service was asked to undertake an evaluation of the program, to determine its effectiveness in achieving the stated goals. Various kinds of evaluative measures were employed, including measures of the appropriate technical knowledge for handicapped care, and attitudinal reports about treatment of handicapped persons in actual practice. These measures were applied to dental students who graduated before the funding became effective, and then again to students in the years 1975 through 1978, while the program was in operation.

A second part of the evaluation effort was a follow-up survey of the graduates of the eleven target schools in the years 1974, 1976, and 1978, in each case two years after graduation, in order to determine the nature and extent of the handicapped patients in their practice.

Data from these sources were supplemented by observations made during site visits to the schools. In addition, graduates of ten schools which had <u>not</u> been funded were surveyed in 1978 and 1980.

Separate sections of this report detail results from the data gathered on students in school as well as that from the follow-up surveys. This section is intended to serve as an introduction, to summarize the conclusions, to add some information derived from the site visits, to voice caution about interpretation of the data, and finally, to offer suggestions that may prove useful to future programs of a similar nature.

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Findings

- 1. The schools did provide increased instruction concerning handicapped care, both didactic and clinical, during the course of the programs, than had been provided to the students who graduated in 1974. They also provided more such instruction than did a group of schools which did not receive funding.
- During the course of the program, the students reported increased confidence in their ability to treat handicapped patients with moderately complex dental problems.
- 3. There was a measurable increase in knowledge of dentistry for the handicapped during the course of the project.
- 4. The 1976 and 1978 graduates of funded schools reported seeing more types of handicapped patients in their practices than had the 1974 graduates. However, the 1976 and 1978 graduates of non-funded schools had practice profiles very similar to those from the funded schools.
- 5. There is some evidence that "hands on" experience is particularly important. Those students who reported that they had treated 2 or more patients with a particular handicap were somewhat more likely to report in their later practice office treatment of patients with that handicap.
- 6. Site visits in 1979 to the 9 schools whose funded programs were concluded in 1978 showed that each of the schools were honoring their commitment to continue the program with their own resources. In several schools the auxiliary staff had been reduced somewhat, but the essentials of the program were continued.

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ERIC CIUIENCE PROVINCE OF CALL 7. Measured knowledge of dental treatment of the handicapped showed little relationship to actual decisions--such as amount and extent--in the dentists' practice after graduation.

Discussion

There are several points that should be kept in mind both in reviewing the findings from this study, and in considering future programs of this type.

Each of the dental schools were required to include in its proposal to the Robert Wood Johnson Foundation an agreement to cooperate with an evaluation study. The evaluation, however, was not designed until after the schools' proposals had been submitted. Several of the schools could not impose requirements on the students which had not been included in their catalog at the time they enrolled. Thus, the students could only be asked to participate, not required. If this had been foreseen, it might have been possible to require that proposals include a pledge of cooperation by current students. In any event, it is desirable that evaluation plans for future projects be developed before proposals are solicited from the schools.

In evaluating the data from this project, particularly comparisons between funded and non-funded schools, there should be explicit recognition that the project had an impact on unfunded as well as funded schools. The more than 40 schools which bubmitted proposals had to make an extensive review of their activities in the area, as well as consider what changes they would like to make. This review process in itself quite possibly caused some substantive changes, even though no foundation funds were provided.

Further, the project had high visibility throughout its existence and undoubtedly affected other schools through informal exchange of information.

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Thus, while fiscal constraints undoubtedly kept the non-funded schools from doing as much as the funded schools, the existence of the program very likely created some beneficial changes beyond the eleven locations.

During the 1979 site visits, several project directors voiced the opinion that four years was too short a period for a program to become established in 'a school. They felt it would have been better to have the same total amount of funds distributed over a five year period.

There were in fact some schools which experienced some difficulty in getting the program under way during the first year. This was due to loss of key faculty in some instances, and inadequate time allotted for planning in others. A longer lead time between the decision to award funding and the initiation of the program might be helpful in these latter instances.

* Despite the cautions and reservations, however, the data support the conclusion that overall the program accomplished the goal of increasing the availability of dental care for hand gcapped individuals. Further, it is the case that in any such funding effort there are more subtle or very long range effects that cannot be documented than there are effects which can. Judging from those that were documentable, there appear to have been many such additional effects as well.

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SECTION I: DATA GATHERED ON STUDENTS IN SCHOOL

Procedure

Plans for evaluation of the Robert Wood Johnson program for training dentists in the care of the handicapped called for gathering data on students in the schools shortly before graduation and on graduates two years after graduation. This section covers data gathered on students before graduation.

Three different measures for obtaining information from students about to graduate were developed and printed in a single booklet. These included:

- (1) A test of knowledge of dentistry for the handicapped.
- (2) An inquiry about clinical experience with a variety of handicapping conditions.
- (3) An inquiry on expressed confidence in treating a number of combinations of dental problems and handicapping conditions.

Several background questions were also included. A new form of the knowledge test was developed each year from 1974 through 1978, following the same test content outline and including sufficient items from the previous year's form so that scores could be meaningfully equated. The schools included in the program were asked to administer the three instruments to graduating seniors at a convenient time during the spring of each year. In order to accure solid base-line information, data were gathered on the class graduating in 1974, before funding for the project became effective, and on the classes graduating in 1975 through 1978, the years when the schools received financial support from the Robert Wood Johnson Foundation.

The schools had agreed to cooperate in an evaluation, but this agreement was made before the specific evaluation plan was developed. Some schools felt

that they could not require or pressure students to participate. Participation rates varied widely from school to school, particularly for 1974, as will be seen in the next section.

Knowledge Test

Table 1 shows, by year and by school, means and standard deviations for the knowledge test scores, together with the number of cases and the approximate percentage of graduating students who participated. Although a different form of the test was given each year, the scores were equated statistically ob that year to year comparisons may be made. It is clear from this table that at some schools in some years the participation rate was very low. This complicates interpretation of the data. However, it is possible to draw some meaningful inferences. For all participating students the 1978 mean test score, 102.7, was significantly higher than either the 1974 mean, 100.0, or the 1975 mean. 99.6, well beyond the .001 level of significance. The differences are not large, amounting to correct responses to about three test items, but they are beyond the chance level.

For individual schools, comparisons were made between mean scores for 1978 and those for either 1974 or 1975, whichever had the better participation percentage. Of the nine schools for which this comparison was possible, three results did not reach the .05 significance level, two were significant at the .05 level, and four were significant beyond the .001 level of confidence. (Schools are referred to throughout this report by number in order to maintain anonymity.)

For Schools 01, 07, 08, 09, and 10 1974 appeared to be the most appropriate base year. The gains were significant beyond the .001 level for Schools 01 and 09, significant at the .05 level for School 10, and not significant for Schools

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Knowledge Test Score Means and Standard Deviations by Schools and Approximate Percent of Students Participating

	1974				1975	5		1976			1977				1978					
<u>School</u>	M	SD	<u>N</u>	%	M	SD	<u>N</u>	%	M	SD	N	<u>%</u>	M	SD_	N	%	M	<u>SD</u>	<u>N</u>	- 7
01 ,	96.9	8.7	53	95	104.6	8.0	64	96 ·	106.7	5.9	69	99 [°]	102.0	7.1	65	93	105.4	7.7	62	1 00
02	104.1	8.8	62	66	104.3	7.9	86	75	105.5	7.6	98	94	106.7	8.7	93	99	106.5	6.7	84	82
03	<i>9</i> 7.9	7.7	35	64	96.7	8.0	37	69		1					;	7				
04	107.1	7.5	23	18	97.9	8.7	106	89	99.1	7.1	1,12	96	99.3	7.2	113	, 96 ·	101.4	7.3	122°	ຸ90
05	103.8	9.8	[.] 89	72	103.4	8.3	125	89	101.7	8.7	118	87	102.2	7.2	98	65	105.4	6.8	1 1 4	76
.06	100.4	8.4	73	<i>,</i> 59	97.2	8.8	113	93	99.9	7.5	130	87	103.8	5.6	84	56	1		•	
07	97.3	8.4	54	93	93.1	12.4	47	81	91.8	10.9 ⁴ -	53	⁻ 84	94.3	5.8	38	59	99.3	6.6	41	63
08	100'.5	10.2	34	81	99.4	11.4	. 31	72	101.8	6.6	39	98	₀10,4.5	8.3	45	90	104.2	6.1	38	76
09	94.0 ¹	9.6	142	79					102.7	8.4	133	67	92.9	12.2,	122	58	101.5	6.5	169	85
10	93.0	11.5	40	53	92.8 ²	8.3	32	43	97.2	9.5	70	88	97.1	8.2	74	87	98. 1	8.4	75	88
ġ.					101.8 ³	7.8	30	93						19. 19. 19.				-1		•
• 11	98.4	8.5	63	77	97.4	8.2	81	94	99.7	8.0	88	97	100.0	8.4	72	76	102.5	6 . 7	90	99
Total	100 _. 4	, 10.0	668		ू 99.6	9.4	722		100.9	9.6	. 910		100.1	9.4	804	•	102.7	7.4	795	

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¹1975 graduates tested in Fall 1974 ²Class graduating Spring 1975

³Çlass graduating Winter 1975 😹

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Tab l	.e 2
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Base year knowledge test mean compared with final year mean

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Base year mean	Final year mean	Difference
N = 721	N = 795	
98.5	102.7	4.2

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07 and 08. For Schools 02, 04, 05, and 11, 1975 appeared to be the appropriate base year. The gains were significant beyond the .001 level for Schools 04 and 11, significant at the .05 level for School 05, and not significant for School 02.

Perhaps more important than the significance tests is the fact that the mean gain scores between the base year and 1978 are positive in every instance. These gain scores are not random fluctuations. Table 2 compares the overall base year mean with the final year mean, with a mean gain of 4.2.

Table 3 shows the percentage of questions in the various areas of the knowledge test answered correctly for each participating school and year. In reviewing this table the reader should bear in mind that it differs in important ways from Table 1. Table 1 reports standard scores, which have been equated from year to year, so that a particular score has approximately the same meaning, regardless of the year concerned. It is not feasible to do yearto-year equating on small groups of items, such as we are involved with here, other than by an elaborate and expensive process involving prior experimental administration of large numbers of items, analysis of item characteristics, and selection for final use in each form of only those items with appropriate item characteristics. For the tests administered, the only control on item difficulty was the advisory committee's judgment that the item was appropriate for students about to graduate from dental school. Accordingly, year to year differences in Table 3 will not be considered, but school-to-school differences for each year are quite meaningful.

The reader should also bear in mind that subscores are almost necessarily less stable than scores on the total test. However, while care must be taken to avoid overinterpreting small differences in the table, either from one

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TABLE 3

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Percentage of Questions Answered Correctly, 1975-78, by Subject Area and by School

		~	School										
		<u>Total</u>	<u>01</u>	<u>02</u>	<u>03</u>	<u>04</u>	<u>05</u>	<u>06</u>	<u>07</u>	<u>08</u>	<u>09</u>	<u>10</u>	<u>11</u>
(1)	Mental retardation	58	72	66	60	84	60	48	51	45		46	62
	1976	59.	72	· 62		57	55	65	47	58	57	54	57
	1977	52	55	59		50	56	63	48	55	42	47	47
	1978	63	73	69		56	• 66		54.	65	65	56	62
(2)	Cerebral palsy				¢	•			u		-)	
٥	, 1975	43	44	52	77	45	44	38	34	51		35	42
	1976 •	40	44	50		36	37	42	31	41	42	34	. 34
	1977	36	33	50		31	33	46	29	43	28	29	35
	1978	41	51	46		37	43		38	40	40	33	41
(3)	Miscellaneous motor problems			· •			٠	. 🗸					
	1975	50	54	55	48	47	53	48	37	48 .		48	50
	1976	54	58	60		50	52	58	39	54	56	48	55
	1977	48	46	60		42	48	60	38	55	•40	43	50
	1978	40	44	48		36	42		34	45	37	36	45
(4)	Other neuromuscular problems									_			
	1975	58	61	64	54	58	63	56	50	59		48	53
	1976	50	53	52		47	53	50	42	50	52	47	50
	1977	50	51	58		51	49	56	43	70	39	46	° 54
	1978	56	52	65		56	58		50	57	54	50	59
(5)	Congenital and genetic						• •						
	anomalies								• • • •	•		0.5	24
	1975	42	55	44	33	34	45	48	40	40		35	36
,	1976	43	62	52		40	39	35	27	43	50	36	43
	1977	40	45	45		37	43	42	36	46	35	41	33
	1978	45	57	44		45	52		44	46	40	38	45
(6)	Métabolic-systemic problems												
	1975	48	52	50	47	45	53	45	43	48		43	45
-	197.6	53	58,	57		53	55	50	47	57	53	50	49
	1977	60	68	62		63	64	62	49	62	50	60	58
	1978	54	53	57		55	59		50 _,	58	53	49	51
(.7.)	Psychological problems									- 0		•	* ^
	1975	48	49	53	42	49	53	46	32	50	- /	41	50
	1976 .	50	53	52		48	56	48	32	53	-54	4/	51
	1977	49	51	59		47	52	48	41	57	41	40	59
	1978	50	54	50		51	54		48	51	48	44	49
(8)	Neoplasia					<i></i>				F A			10
	1975 1	56	61	57	50	54	62	54	4/	59	, ,	40	49
	1976	42	46	51		43	46	29	35	42	45	30	41
	1977	38	40	47		38	46	35	36	46	32	35	30
	1978	46	50	53		43	50		40	49	46	43	40
											~		



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school to another in the same year or for the same school from year to year, it is possible to observe areas where individual schools show a particular strength or a particular weakness.

School Ol can be seen to have somewhat higher scores than the total in the areas of mental retardation, congenital and genetic anomalies, metabolicsystemic problems, and neoplasia. In other areas it is generally in line with the total average.

School 02 is above the average for all of the areas. In one year, for congenital and genetic anomalies, it fell one percentage point below the total and was usually substantially above the total average.

School 03 was represented only in 1975. In that year it was substantially above the total average in one area, cerebral palsy, and substantially below^{*} the total average in one area, congenital and genetic anomalies.

School 04 had one unusually high score on the mental retardation area in 1975 and one somewhat low score in congenital and genetic anomalies the same year. Otherwise, its scores were about in line with the total.

School 05 was consistently above the total average in three areas, metabolic-systemic problems, psychological problems, and neoplasia and variously slightly above or slightly below the total average in the other areas.

School 06 was represented in 1975 through 1977. Its pattern was extremely variable, with departures from the total average as much as 12 percent above and as low as 13 percent below the total average.

School 07 was consistently below the total average in all areas in all years, the departures ranging from one percent to as much as 18 percent.

School 08 was usually on the plus side of the total group by a few percentage points. The major exception was in the area of mental retardation, where there were minus figures in three out of the four years.

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School 09 was represented in 1976, 1977, and 1978. In 1977 all departures from the total group mean were on the minus side, by from 5 to 15 points. In the other two years the departures were small pluses or minuses. School 10 had one departure on the plus side, with the others ranging from zero to minus 10. School 11 had a number of small plus departures from the total average and a somewhat larger number of small minus departures.

It should be noted that Schools 07 and 11 originally structured their program primarily to change students' attitudes toward treating the handicapped, rather than emphasizing a didactic program, although both later put more emphasis on direct teaching of knowledge. It is perhaps worth repeating that on an equated score basis, all of the schools showed a rising total "score pattern over the course of the program.

Clinical Experience with Handicapped Patients

From 1975 through 1978 one section of the booklet which was administered asked students to report their clinical experiences with each of a list of handicapping conditions. For each condition, the student was asked whether he or she had seen a presentation of such a case, assisted someone else in treating such a case, and treated one patient or two or more patients with such a condition. Table 4 shows the percentage of students at all schools who reported each year that they had treated one or more patients with each of a number of conditions. Year-to-year comparisons are complicated because not all schools participated in all four years and because participation varied from year to year in several schools. It can be seen, however, that whereas in 1975 slightly fewer than one-fourth of the participating students had treated at least one patient with mental retardation, in 1978 more than half had treated at least one.

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It is clear from Table 4 that there was a considerable increase in student exposure to a wide variety of handicapping conditions over the years. Between 1975 and 1978, the proportion of students who had treated at least one handicapped patient increased for 34 of 37 handicapping conditions and remained the same or decreased for only three. About 17 percent had treated one or more cases of cerebral palsy in 1975, while 30 percent had done so in 1978. In 1975 only three percent had treated a patient with multiple sclerosis, while 12 percent had done so in 1978.

There was not, of course, an even rate of increase year to year for all handicapping conditions, but it is quite clear that by the end of the grant period more students were seeing patients with handicapping conditions than did • the students at the beginning of the grant period.

Similar patterns can be seen in the tables for most of the individual schools. At School Ol, shown im Table 4-1, the percentage of students who had treated one or more cases of mental retardation increased from just under 30 to over 50, while those who had treated at least one cerebral palsy case increased from 5 to nearly 40 percent. There were increases for 36 of the 37 handicapping conditions.

At School 02, there were increases in student exposure to only 24 out of the 37 handicapping conditions, as can be seen in Table 4-2. The areas of mental retardation and cerebral palsy, which had very substantial increases in student. involvement in most schools, actually had a decrease here. This phenomenon can be accounted for in terms of the school's efforts to change its handicapped program from a largely pediatric focus to one encompassing a range of adult problems.



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The Percentage of Graduates of All Schools Who Treated One or More Patients with Specified Handicaps by Year of Graduation

Description of handicap	<u>1975</u> N □ 791	<u>1976</u> N ⊐ 910	<u>1977</u> N □ 690	<u>1978</u> N = 796
Montal rotardation	24.0	34.4	34.6	52.1
Compared paley	16.7	24.5	27.0	30.1
	4 5	03	10 1	16 2
Destaues	10.6	12 9	10.1	20.6
	24.6	27.2	26.2	42 2
Epilepsy	12 0	12 0	12 0	21 5
Stroke	12.0	12.J 6 7	· 12.9	21.5
	4.0	27 5	22 5	5.4 /4 0 •
Artoritis	29.0	41.5	22.7	40.0
Poliomyelicis	5.0	4.0	10.6	12 6
Spinal cord injuries	3.0	7.0	10.4	12.0
Multiple scierosis	3.0	0./	5.2	12.4
Muscular dystrophy	3.0	0.0	2.2	10.5
Facial trauma from accidents	12.0	14.0	14.1	18.0
Multiply handicapped		17.4	18.8	27.1
The homebound patient	6.8	4.2	5.1	8.0
The nursing-home patient	8.5	9.9	10.4	15.1
Cleft palare or lip	8.3	9.9	9.9	12.9
Other craniofacial anomalies	3.0	4.9	5.1	6.8
Spina bifida	1.3	3.0	1.9	2.0
Thalidomide-induced deformities	`		<u> </u>	• •
and similar malformations	0.8	0.3	0.4	1.4
Diabetes and other endocrine	<i>i</i> -	00 7 .		(2.1
disturbances	42.7	38.7	40.2	03.1 7 31
Hemophilia	5.5	.4.8	5./	1.3
Cardiopulmonary disease	33.4	31.5	3/.1	23.2
Asthma	33.2	31.4	31.3	41.3
Atherosclerosis	16.7	17.4	18.7	2/.4
Emphysema	11.1	10.1	13.0	• 1/•2
Cystic fibrosis	0.9	1.4	1./	4.4
Allergic reactions to drugs	•			18 9
, used in dental treatment	36.8	31.0	34.2	45.5
Autism	1.1	2.5	. 2.2	4.9
Hyperactivity	23.0	21.3	19.1	23.0
Other behavior problems	26.5	22.0	22.9	30.9
Leukemia	1.8	2.1	1.4	3.8
Other blood dyscrasias	7.1	6.6	5.5	5.8
Brain tumors	2.5	2.2	1.7	3.9
Sarconao	1.9	2.3	2.0	1.9
Squaqous cell carcinoma	4.4	4.9	3.0	5.3
Athor noonlasme	5.4	6.1	.6.5	9.5



TABLE 4

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TABLE 4-1

The Percentage of School One Students Who Treated One or More Patients with Specified Handicaps by Year of Graduation

Description of handicap	1975	1976	<u>1977</u>	1978
	N = 64	N = 69	N ≕ 65	N □ 62
4		:		•
		•		
Mental retardation	29.7	39.1	56.9	53.2
Cerebral palsy °	4.7	17.4	36.9	38.7
Blindness	4.7	5.8	23.1	30.6
Deafness *	3.1	13.0	23.1	21.0
Epilepsy	21.9	33.3	47.7	54.8
Stroke	10.9	21.7	23.1	25.8
Parkinsonism	3.1	5.8	6.2	12.9
Arthritis 1	28.1	33.3	33.8	53.2
Poliomyelitis	-	7.2	6.2	16.1
Spinal cord injuries	4.7	23.2	27.7	19.4
Multiple sclerosis	. - '	1.4	6.2	9.7
Muscular dystrophy	-	2.9	7.7	21.0
Facial trauma from accidents	4.7	17.4	20.0	32.3
Multiply handicapped'	7.8	23.2	36.9	30.6
The homebound patient	25.0	1.4	6.2	16.1
The nursing-home patient	15.6 .	. 10.1	13.8	24.2
Cleft palate or lip	9.4	15.9	23.1	38.7
Other craniofacial anomalies	• 4.7	7.2	6.2	16.1
Spina bifida	3.1	10.1	1.5	6.4
Thalidomide-induced deformities	•			
and similar malformations	-	-		3.2
Diabetes and other endocrine			•	
disturbances	57.8	53.6	66.1	77.4
Hemophilia	· _	5.8	10.8	19.3
Cardiopulmonary disease	* 26.6	43.5	55.4	67.7
Aothma	31.2	43.5	43.1	62.9
Atherosclerosis '	-35.9	18.8	32.3	45.2
Emphysema	14.1	18.8	23.1	40.3
Cystic fibrosis "			1.5	9.7
Allergic reactions to drugs			4 • <i>b</i>	<i></i>
used in dental treatment	32.8	43.5	47.7	50.0
Autism	1.6	2.9	- •	3.2
Hyperactivity	14.1	30.4	29.2	27.4
Other behavior problems	43.7	29.0	40.0	29.0
Leukemia	1.6	4.3	1.5	8.1
Other blood dyscrasias	6.3 -	5.8	9.2	9.7
Brain tumoro	1.6	.7.2	3.1	12.9
Sarcomao	-	1.4	- ,	4.8
Squamous cell carcinoma	1.6	5.8	1.5	
Other neoplasmo	3.1	10.1	7.7	21 0

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The Percentage of School Two Students Who Treated One or More Patients with Specified Handicaps by Year of Graduation

Description of handicap	1975	<u>1976</u>	1977	<u> 1978 </u>
	$\overline{N} = 86$	N = 98	N 📟 93	N ¤ 84
•			•	
Mentalsretardation	19.8	27.5	24.7	14.3
Cerebral palsy	20.9	25.5	12.9	13.1 /
Blindness	1.2	4.1	4.3	14.3
Deafness	3.5	6.1	7.5	19.0
Epilepsy	18.6	16.3	24.7	30.9
Stroke	·7.0	9.2	12.9	21.4
Parkinsonism	4.6	. 2.0	• 2.1	4.8
Arthritis	27.9	27.5	38.7	55.9
Poliomyelitis	-	1.0	2.1	2.4
Spinal cord injuries	2.3.	4.1	8.6	. 8.3
Multiple sclerosis	3.5	4.1	9.7	8.3
Muscular dystrophy	1.2	12.2	6.4	9.5
Facial trauma from accidents	16.3	22.4	14.0	15.5
Aultiply handicapped	7.0	11.2	14.0	11.9
The homebound patient	5.8	3.1	5.4	5.9
The nursing-home patient	9.3	4.1	4.3	3.6
Cleft palate or lip	3.5	2.0	- 4.3	8.3
Other craniofacial anomalies	2.3	3.1	1.1	1.2
Spina bifida	1.2		1.1	
Thalidomide-induced deformities"	•	•		
and similar malformations		83	1.1	1.2
viabeteo and other endocrine				· ·
disturbances	34.9	· 35,7	51.6	58.3
Hemophilia	4.7	4.1	2.ĺ	3.6
Cardiopulmonary disease	36.0	38.8	44.1	48.8
Anthma	34.9	28.6	32.3	34.5
Atherosclerosis	16.3 *	16.3	12,9	20.2
Emphysema	8.1	8.2	11.8	14.3
Cvotic fibroois	45 9	9 /20	1.1	1.2
Allergic reactions to drugs				•
used in dental treatment	29.1	31.6	44.1	41.7
Aution	1.2	2.0	1.1	1.2
Hyperactivity	11.6	24.5	17.2	13.1
Other behavior problems	24.4	17.3	23.6	23.8
	2.3	1.0	-	1.2
Other blood dvogragiag	7.0	4.1 /	6.5	5.9
Brain tumoro •	2.3	412 8	-	2.4
Sarcoman	2.3	3.1		2.4
Sauapour cell carcinoma	7.0	5.1	5.4	• < 8.3
Other neoplasma	8.1	6.1	9.7	5.9

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School 03, shown in Table 4-3, was represented only in 1975 and thus no trends can be observed. School 04, shown in Table 4-4, was represented in 1975, 1976, and 1978. Between 1975 and 1978, there were increases in student experience for 25 out of 37 handicapping conditions. The Area of mental retardation, which in 1975 was at a very high rate of 58 percent, advanced to almost 79 percent.

Data for School 05 are shown in Table 4-5. Between 1975 and 1978 there was an increase in the percentage of students reporting having treated at least one patient for 34 out of the 37 handicapping conditions. For one condition, squamous cell carcinoma, there was a small decrease. For thalidomide-induced deformities there was no treatment reported in any year, and for sarcomas, there was no treatment reported by those who graduated in 1975 and 1978, although small percentages of 1976 and 1977 graduates reported treating such patients.

Data are available for School 06 for 1975, 1976, and 1977 only and are shown in Table 4-6. The response pattern is drastically different from that of other schools. For example, in 1975 only 6.2 percent of the students reported having treated a patient with mental retardation. More did so in 1976 and 1.2 percent did so in 1977. In 1975, 3.5 percent of the students reported having treated a patient with cerebral palsy, while more did so in 1976 and 1977. Forty-six percent of 1975 graduates reported having treated a patient with allergic reactions to drugs, compared to 7.7 percent in 1976 and 19.0 percent in 1977. Unfortunately, it appears that many of the students were not responding seriously, at least in 1976 and 1977. Funding for this school was terminated in 1977.

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TABLE 4-3

The Percentage of School Three Students Who Treated One or More Patients with Specified Handicaps by Year of Graduation

 α

Description_of_handicap	$\frac{1975}{N=37}$	<u>1976</u> N ⊐ _₽	<u>1977*</u> N ₽	<u>1978</u> * N = }
Mental retardation	5.4			
Cerebral palsy	_			
Blindness	5.4			
Deafness	_			
Epilepsy	16.2			
Stroke	5.4			
Parkinsonism	-			
Arthritis	21.6			
Poliomyelitis	5.4	,		·
Spinal cord injuries	-		ŋ	•
Multiple sclerosis	-			
Muscular dystrophy	. j. —			
Facial trauma from accidents	-5.4			
Multiply handicapped	-		•	
The homebound patient	2.7			
The nursing-home patient	-			
Cleft palate or lip	10.8	`		
Other craniofacial anomalies	5.4		4	
Spina bifida	, –			
Thalidomide-induced deformities				•
and similar malformations	-			i
Diabetes and other endocrine		,		-
disturbances	21.6			
Hemophilia	5.4			
Cardiopulmonary disease	16.2		ø	
Authma	27.0			
Atherosclerosis	1 5.4			
Emphycema	5.4			
Cystic fibrosis				
Allergic reactions to drugs				
used in dental treatment	24.3			•
Autiom				S-
Hyperactivity	8.1			
Other behavior problems	<u></u> ,2.7			
Leukemia	-			
Other blood dyscrasias				
Brain tumoro	2.7			
Sarcomao	2.7			
Squamous cell carcinoma	2.7		-	
Other neoplacad -,	2.7			• •

* Data not available for this year.

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ERIC PullText Provided by EFIC TABLE 4-4

B

The Percentage of School Four Students Who Treated One or More Patients with Specified Handicaps by Year of Graduation

°	•			•	
Description of hardicap	1975	1976	<u> 1977*</u>	<u>1978</u>	
	N 🗆 106	N 🚽 112	N 🗆	N \cdots 122	
0.			0	**	
Markal makandaking				,	•
Mental recardation	57.5	64.3		78.7	
Gerebral palsy	54.7	51.8	i i	45.9	
Blindness	3.8.	8.9		18.0	
Dearneos	17.0	15.2	/ /	26.2	
Epilepsy	58.5	60.7		70.5	
Stroke	17.9	17.0	٥	21.3	
Parkinsonism	6.6	6.2	·	9.0	•
Arthritis	34.9	24.1		39.3 '	
Poliomyelitis	D.D 1.9	7.1		6.6	
Spinal cord injuries	6.6	10.7		22.9	•
Multiple oclerosis	8.5	12.5	. .	18.8	
Muscular dystrophy	15.1	17.0	- 	18.8	
Facial, trauma from accidents	16.0	17.0		27.0	
Multiply handicapped	34.0	31.2		41.8	
The homebound patient	16.0	10.7		9.0	
The nursing-home patient	12.3	13.4		16.4	
Cleft palate or lip	15.1	13.4	- •	9.8	
Other craniofacial anomalies	4.7	5.4		6.6 (
Spina bifida	0.9	. 4.5		0.8 {	•
Thalidomide-induced deformities	1 😤 👘 🖓 👘		•	4	1
and similar malformations		1.8	•	0.8	(
Diabetes and other endocrine			0		
d i oturbanceo	59.4	47.3		66.4	
Hemophilia	7. 5	5.3	•	0.8	
Cardiopulmonary disease	49.0 、	42.9		55.7	
Aothma	54.7	47.3		45.1	
Atherovelerosio	17.0	. 30.3	•	A31.1	•
Emphyoema	13.2	13.4	•	12.3	
Cyptic fibropio	0.9	3.6 /		8.2	
Allergic reactions to drugs	•	3.3	*		
used in dental treatment	50.0	41.1		50.8	
Aut 10m	2.8	7.1		10.7	
dyperactivity	49.1 %	42:0		37 7,	
Other behavior problemo	42.4	48.2		37.7)	•
Leukemia	2.8	-3.6		3.3 (
Other blood dvograpiad	12.3	11.6		7 /	
Brain tumoro	6.6	4.5	•	0.85	
Sarcomao	0.9 ~	5.4		2 4	•
Squamoua cell cardinoma	6.6	6.2		6• √ √ 69	
Other neonlagma	6.6	8.0	95-3	2+/ 11 G	R.ª
APHOL HOODIGOND	0.0	0.7		TT•3	-7-

*Data not available for this year.

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TABL	Е 4	-5
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The Percentage of School Five Students Who Treated One or More Patients with Specified Handicaps by Year of Graduation

Description of handicap	<u>1975</u>	1976	<u>* 1977</u>	<u> 1978 </u>	-
	$N_{1} = 125$	N = 118	N = 98	N = 115	
	· .		19 - 19 👔	•	
•			[·	N = - 7	•
Mental retardation	19.2	41.5	56.1	75.7	
Cerebral palsy	5.6	22.9	31.6 ′	30.4	
Blindness	4.0	6.8	<pre>> 10.2</pre>	9.6	
Deafness	8.0	13.6	14.3	20.9	
Epilepsy	14.4	27.1	22.4	41.7	
Stroke	8.0	5.1	8.2	10.4	:
Parkinsonism	3.2	2.5	4.1	7.0	
Arthritis	26,.4	28.8	34.7	36.5	
Poʻliomyelitis	1.6	3.4	2.0	7.0	
Spinal cord injuries	4.0	7.6	7.1	10.4	۰.
Multiple sclerosis	1.6	2.5	4.1	. 16,5	
Muscular dystrophy	· _	5.9	3.1	5.2	
Facial trauma from accidents	9.6	13.6	14.3	15.6	
Multiply handicapped	4.0	16.1	17.3	25.2	'
The homebound patient	0.8	n — 1	2.0	5.2	
The nursing-home patient,	4.0	9.3	6.1		
Cleft palate or lip	8.8	11.9	9.2	13.9	
Other craniofacial anomalies	°ໍ4.0	4.2	5 .1	4.3	
Spina bifida	• 0.8	4.2	3.1	1.7	
Thalidomide-induced deformities					
and similar malformations	- .	_	-	/ -	
Diabetes and other endocrine	,			·	
`disturbances	<u>,</u> 32.0	44.9	44.9	64.3	
Hemophilia	2.4	5.9	3.1	6.1	
Cardiopulmonary disease	25:6	20.3	29.6	43.5	
Asthma	34.4	· 31.4	39.8	46.1	
Atherosclerosis	17.6	13.6	20.4	26.9	
Émphysema 🕺 🖏	13.6	14.4	10.2	16.5	
Cystic fibrosis	0.8	0.8	1.0	2.6	
Allergic reactions to drugs 👒	4				
used in dental treatment	27.2	33.0	23.5	47.0	۰.
Autism	. .º1. 6		.,2.0	· 6.1	
Hyperactivity •	20.0	13.6	31.6	23.5	
Other behavior problems	30.4	21.2	26.5	35.6	
Leukemia	0.8	2.5	2.0	7.0	
Other blood dyscrasias	.8.0	4.2	4.1	9.6	
Brain tumors	,0.8	-		1.7	
Sarcomas	, -	0.8	-3.1	· · · · · · ·	
Squamous cell carcinoma	2.4	3.4	1.0	1.7 \	
Other neonlasms	2.4	4.2	4.1	7.8	

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TABLE 4-6

The Percentage of School Six Students Who Treated One or More Patients with Specified Handicaps by Year of Graduation

	-				
	Description of handicap	1975	1976	<u>1977</u>	<u>1978*</u>
		N = 113	N = 130	N = 84	N =
	•				
	Mental retardation	6.2		1.2	
	Cerebral palsy	3.5	-	-	
	Blindness	2.6	-	-	
	Deafness	8.8	0.8	4.8	
	Epilepsy .	16.8	- .	2.4	
	Stroke C	7.1	-	- .	
	Parkinsonism	4.4		-	
-	Arthritis	18.6	3.1	9.5	
	Poliomyelitis	1.8		—	
	Spinal cord injuries	3.5	-	-	
	Multiple sclerosis	0.9			
	Muscular dystrophy		– .	-	
	Facial trauma from accidents	3.5		4.8	· · ·
	Multiply handicapped	26	0.8	—	•
	The homebound patient	1.8	-	-	
	The nursing-home patient	.2.6	-	1.2	X
	Cleft palate or lip	2.6	-	1.2	
	Other craniofacial anomalies	· -	- `	-	
	Spina bifida »	0.9	-	- .	
	Thalidomide-induced deformities				•
	and similar malformations	· _	-	-	
	Diabetes and other endocrine				
	disturbances	38.0	3.8	14.3	
	Hemophilia '	0.9	-		,
	Cardiopulmonary disease	36.3	3.8	10.7	
	Asthma •	16.8	3.8	10.7	,
	Atherosclerosis	9.7	0.8	2.4	
	Emphysema	7.1 👞	0.8	2.4	
	Cystic fibrosis	-	~	-	
	Allergic reactions to drugs		· · ·		
	used in dental treatment	46.0	7.7	19.0	
	Autism	-	· _	-	
	Hyperactivity	16.8	3.1	2.4	• •
	Other behavior problems	11.5		3.6	
	Leukemia	• • •	-		
	Other blood dyscrasias	6.2	0.8	2.4	
	Brain tumors	0.9	-	-	:
	Sarcomas	1.8	—	-	
	Squamous cell carcinoma	2.6	·	-	
	Other neoplasms	4.4	0.8	-	
	=		•		

*Data not available for this year.

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School 07 shows a more "normal" pattern, as seen in Table 4-7. There were increases in 34 of the 37 handicapping conditions treated between 1975 and 1978. In 1975 six percent (three students) reported having treated a patient with thalidomide-induced deformities, whereas five percent (two students) did so in 1978. There was also a decline from 17 percent to 15 per cent in students who had treated a patient with hyperactivity and from 12 percent to zero in those who had treated a patient with leukemia. In the opposite direction, those who had treated a patient with mental retardation increased from 15 percent to 76 percent. Cerebral palsy cases seen increased from 9 percent to 32 percent and multiple sclerosis cases seen increased from zero to 17 percent.

School 08 had a more variable pattern, probably because of its smaller number of students. These data are shown in Table 4-8. There were decreases for 21 of the 37 handicapping conditions treated between 1975 and 1978, but it should be noted that these decreases generally still left a substantial number of students who had had experience with those handicaps. The decreases probably occurred because the 1975 percentage was high, rather than because the 1978 percentage was low. For example, slightly more than a third of the 1975 graduates reported that they had treated a patient with epilepsy, while 26 percent reported that they had done so in 1978. Ten percent of 1975 graduates (three students) had treated a patient with spina bifida, while 5 percent (two students) of 1978 graduates had done so.

Sixteen areas did show gains in the number of patients seen. Examples of this are mental retardation, where 26 percent of 1975 graduates reported treating such a patient, compared with 47 percent in 1978, and cerebral palsy, where the comparable figures are 19 and 53 percent. Clearly School 08 gave its students quite extensive exposure to patients with handicapping conditions in each of the four years reported here.

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TABLE 4-7

The Percentage of School Seven Students Who Treated One or More Pattlents with Specified Handicaps by Year of Graduation

e.

Description of handicap	$\frac{1975}{N=47}$	<u>1976</u> N इ 53	$\frac{1977}{N = 38}$	$\frac{1978}{N} = 41$
	•	n		۰.
Mental retardation	14.9	24.5	63.2	75.6
Cerebral palsy	· 8.5 ·	26.4	39.5	31.7
Blindness	· · · · ·	17.0	7.9	"1 7. 1 _
Deafness	10.6	13.2	18.4	24.4
Epilepsy	2.1	20.7	23.7	39.0
Stroke	2.1	5.7	5.3	9.8
Parkinsonism	2.1	5.7	5.3	7.3
Arthritis	17.0	18.9	42.1	53.7
Poliomvelitis	4.3	1.9	7.9	12.2
Spinal cord injuries	4.3	1.9	10.5	9.8
Multiple sclerosis	_	3.8	15.8	17.1
Muscular dystrophy	2.1	1.9	13.2	9.8
Facial trauma from accidents	2.1	3.8	5.3	9.8
Multiply handicapped	4.3	17.0	42.1	39.0
The homebound patient	_	1.9	10.5	4.9
The nursing-home patient	4.3	5.7	10.5	14.6
Cleft palate or lip	, –	1.9	5.3	° 7.3
Other craniofacial anomalies	. –	. 🗕	7.9	7.3
Spina bifida	2.1	3.8		2.4
Thalidomide-induced deformities		-		
and similar malformations	6.4	- .	-	4.9
Diabetes and other endocrine				
disturbances	34.0	28.3	34.2	48.8
Hemophilia	8.5	-		9.8
Cardiopulmonary disease	" 1 7. 0 ·	20.8	18.4	41.5
Asthma	19.1	22.6	36.8	43.9
Atherosclerosis	12.8	9.4	· 7.9	22.0
Emphysema	.4.3	3.8	18.4	24.4
Cystic fibrosis	2.1	1 .9	13.2	12.2
Allergic reactions to drugs				
used in dental treatment	34.0	30.2	36.8	48.8
Autism	-	3.8	- , ·	4.9
Hyperactivity	17.0	20.7	15.8	14.6
Other behavior problems	21.3	13.2	26.3	29.3
Leukemia	2.1	-	'	-
Other blood dyscrasias	-	1.9	- '	7.3
Brain tumors	. –	-	· 5.3	7.3
Sarcomas	-	1.9	2.6	2.4
Squamous cell carcinoma	2.1	1.9	-	4.9
Other neoplasms	10.6	1.9	5.3	17.1

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The Percentage of School Eight Students * Who Treated One or More Patients with Specified Handicaps by Year of Graduation

TABLE 4-8

Description of handicap	$\frac{1975}{N=31}$	$\frac{1976}{N=39}$	$\frac{1977}{N=45}$	$\frac{1978}{N = 38}$
Mental retardation	25.8	51.3	37.8	47.4
Cerebral palsy	19.4	59.0	44.4	· 52.6
Blindness	3.2	10.3	28.9	26.3
Deafness	3.2	5.1	8.9	` 2.6
Epilepsy	35.5	33.3	40.0	26.3
Stroke	19.4	17.9	22.2	21.0
Parkinsonism	6.5	28.2	24.4	21 . Ö
Arthritis	41.9	53.8	51.1	31.6
Poliomyelitis	6.5 .	5.1	4.4	7.9
Spinal cord injuries	19.4	12.8	13.3	7.9
Multiple sclerosis	65	5.1 .	17.8	21.0
Muscular dystrophy	9.7	12.8	11.1	• 7.9
Facial trauma from accidents	25.8	23.1	26.7	18.4
Multiply handicapped	32.3	41.0	.37.8	36.8
The homebound patient	16.1	7.7	° 8.9	7.9
The nursing-home patient	9.7	- 10.3	20.0	15.8
Cleft palate or lip	32.3	23.1	13.3	10.5
Other craniofacial anomalies	9.7	20.5	. 20.0	10.5
Spina bifida "	9.7	-	6.7	, 5.3,
Thalidomide-induced deformities				
and similar malformations	3.2	; -	2.2	2.6
Diabetes and other endocrine		,	44 ¹	
disturbances. '	45.2	64.1	55.5	36.8
Hemophilia	29.0	20.5	31 .1	26.3
Cardiopulmonary disease	35.5	56.4	48.9	44.7
Asthma	51.6	46.2	28.9	28.9
Atherosclerosis	16.1	28.2	31.1	23.7
Emphysema	12.9	7,7	13.3 ``	10.5
Cystic fibrosis	- 6.5	7.7	6.7	18.4
Allergic reactions to drugs	•		• •	•
used in dental treatment	35.5	35.9	44.4	26.3
Autism	-	2.6	4.4	.5.3
Hyperactivity	32.3	25.6	17.8	21.0
Other behavior problems	45.2	20.5	26.7	15.8
Leukemia	6.5	5,1	11.1	5.3
Other blood dyscrasias '	16.1	25.6	17.8	5.3
Brain tumors	16.1	2.6	6.7	7.9 .
'Sarcomag	9.7	10.2	6.7	7.9
Squamous cell carcinoma	9.7	10.2	2.2	10.5
Other neoplasms	9.7	.17.9	6.7	7.9





Data are available for School 09 for 1976, 1977, and 1978, as shown in Table 4-9. Between 1976 and 1978, there were increases in number of patients seen for 20 of the 37 handicapping conditions, despite the fact that School 09 reported quite substantial figures in 1976. For example, 34 percent of 16 graduates reported treating patients with mental retardation in 1976 and this figure increased to 40 percent in 1978. Seventeen percent of the 1976 graduates reported treating multiply handicapped patients, and this increased to almost 30 percent in 1978.

Examples of areas showing decreases in patients treated include Parkinsonism, with 15 percent in 1976 compared to 13 percent in 1978, and muscular dystrophy, which went from 16 to 14 percent. School 09 appears to have provided its students with considerable exposure to a wide range of handicapping conditions.

School 10, as shown in Table 4-10, had increases in student experience with patients for 25 of the 37 areas and decreases for 11. In the remaining area, thalidomide-induced deformities, there were no cases reported in any of the four years. Examples of increases include mental retardation, which went from 17 percent in 1975 to 29 percent in 1978; arthritis, with 35 percent in 1975 and 57 per cent in 1978; and allergic reactions to druga with 32 percent in 1975 and 51 percent in 1978.

Examples of conditions which declined as to student experience are opinal cord injuries, with 9 percent in 1975 and 3 percent in 1978, and hyperactivity, which declined from 15 percent in 1975 to 11 percent in 1978. School 10 also provided substantial numbers of its students with experience in dealing with a wide variety of handicapping conditions.

School 11 had increases in student experience only in 23 out of 37 areas, despite quite substantial percentages among the 1975 figures, as seen in

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TABLE 4-9

The Percentage of School Nine Students Who Treated One or More Patients with Specified Handicaps by Year of Graduation

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Mental retardation 33.8 26.4 40.2 Cereptral palsy 27.8 20.7 28.4 Blindness 19.5 9.1 14.8 Deafness 27.8 20.7 28.4 Blindness 29.3 28.1 37.9 Stroke 21.8 16.5 26.6 Parkinsonism 31.6 31.4 46.2 Artnritis 31.6 31.4 46.2 Polionyelitis 6.8 3.3 46.0 Multiple scleroois 15.0 6.6 8.9 Multiple scleroois 15.8 7.4 13.6 Hursoular dystrophy 15.8 7.4 13.6 The norsing-home patient 11.3 5.8 7.7 Cleft palate or lip 6.5 0.5 6.5 9.5 Other craniofacial anomalies 6.0 5.0 6.5 9.3 Jabeteb and other endocrine 48.1 51.2 72.2 4.1 0.6 The nursing-home patient 11.3	Description of handicap	<u>1975*</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>
Mental retardation 33.8 26.4 40,2 Cerebral palsy 27.8 20.7 28.4 Blindness 19.5 9.1 14.8 Deafness 27.8 10.7 23.1 Epilepay 29.3 28.1 37.9 Stroke 21.8 16.5 26.6 Parkinsonism 15.0 16.5 13.0 Arthritis 31.6 31.4 46.2 Poliomyelitis 6.8 3.3 6.5 Spinal cord injuries 8.3 14.0 8.9 Multiple acleroois 15.0 6.6 8.9 Muscular dystrophy 15.8 7.4 13.6 Facial trauma from accidents 6.6 10.7 9.5 Multiple hadicapped 17.3 19.0 29.6 The nursing-home patient 11.3 5.8 7.7 Cleft palate or lip 19.5 16.5 9.5 Other craniofacial anomalies 6.0 5.0 6.5 Spina bifida			M = 133		N = 109
Mental retardation 33.8 26.4 40,2 Cergbral palsy 27.8 20.7 28.4 Blindness 19.5 9.1 14.8 Deafness 27.8 10.7 23.1 Epilepsy 29.3 28.1 37.9 Stroke 21.8 16.5 26.6 Parkinsonism 15.0 16.5 13.0 Artnritis 31.6 31.4 46.2 Polionyelitis 6.8 3.3 6.5 Spinal cord injuries 8.3 14.0 8.9 Muscular dystrophy 15.8 7.4 13.6 Facial trauma from accidents 6.8 10.7 9.5 Mutiply handicapped 17.3 19.0 29.6 The nonebound patient 10.5 9.1 13.0 The nonebound patient 10.3 7.2 2 Uther onlocal anomalies		0 1			
Cerebral palsy 27.8 20.7 28.4 Blindness 19.5 9.1 14.8 Deafness 27.8 10.7 23.1 Deafness 27.8 10.7 23.1 Deafness 27.8 10.7 23.1 Deafness 29.3 28.1 37.9 Stroke 21.8 16.5 13.0 Artnritis 31.6 31.4 46.2 Poliomyelitis 6.8 3.3 6.5 spinal cord injuries 8.3 14.0 8.9 Muscular dystrophy 15.0 6.6 8.9 Muscular dystrophy 15.8 7.4 13.6 Facial trauma from accidents 6.8 10.7 9.5 Multiply handicapped 17.3 19.0 29.6 The norsing-home patient 11.3 5.8 7.7 Cleft palate or lip 19.5 16.5 9.5 Other craniofacial anomalies 2.2 4.1 0.6 Spina bifida 2	Mental retardation -		33.8	26.4	40.2
Blindness 19.5 9.1 14.8 Deafness 27.8 10.7 23.1 Epilepsy 29.3 28.1 37.9 Stroke 21.8 16.5 26.6 Parkinsonism 15.0 16.5 13.0 Artnritis 31.6 31.4 46.2 Polionyelitis 6.8 3.3 6.5 Spinal cord injuries 8.3 14.0 8.9 Multiple ocleroois 15.0 6.6 8.9 Muscular dystrophy 15.8 7.4 13.6 Factal traum from accidents 6.8 10.7 9.5 Multiply handicapped 17.3 19.0 29.6 The nomebound patient 10.5 9.1 13.0 The nomebound patient 11.3 5.8 7.7 Cleft palate or lip 19.5 16.5 9.5 Other craniofacial anomalies 6.0 5.0 6.5 Spina bifida 2.2 4.1 0.6 Diabetei and other endocrine 30.0 7.4 4.7 Gardiopulmonary disease	Cerebral palsy		27.8	20.7	28.4
Deafness 27.8 10.7 23.1 Epilepsy 29.3 28.1 37.9 Stroke 21.8 16.5 26.6 Parkinsonism 15.0 16.5 13.0 Artnritis 31.6 31.4 46.2 Poliomyelitis 6.8 3.3 6.5 Spinal cord injuries 8.3 14.0 8.9 Multiple celerosis 15.8 7.4 13.6 Huscular dystrophy 15.8 7.4 13.6 Facial trauma from accidents 6.6 10.7 9.5 Multiply handicapped 17.3 19.0 29.6 The nonsing—home patient 11.3 5.8 7.7 Cleft palate or lip 19.5 16.5 9.5 Other craniofacial anomalies 6.0 5.0 6.5 Spinal bifida 2.2 4.1 0.6 Thalidomide-induced deformities 3.0 7.4 4.7 Gardiopulmonary disease 36.1 41.3 59.8	Blindness	-	19.5	9.1	14.8
Epilepoy 29.3 28.1 37.9 Stroke 21.8 16.5 26.6 Parkinsonism 15.0 16.5 13.0 Artnritis 31.6 31.4 46.2 Poliomyelitis 8.3 14.0 8.9 Multiple sclerosis 15.0 6.6 8.9 Muscular dyotrophy 15.8 7.4 13.6 Factal trauma from accidents 6.8 10.7 9.5 Multiply handicapped 17.3 19.0 29.6 The nomebound patient 10.5 9.1 13.0 The nursing-home patient 19.5 16.5 9.5 Other crantofacial anomalies 6.0 5.0 6.5 Spina bifida 2.2 4.1 0.6 Thalidomide-induced deformities 3.0 7.4 4.7 and similar malformations 0.7 0.8 1.8 Diabetes and other endocrine 48.1 51.2 72.2 Hemophil2a 3.0 7.4 4.7 Gardiopulmonary disease 36.1 41.3 59.8	Deafness		27.8	10.7	23.1
Stroke 21.8 16.5 26.6 Parkinsonfsm 15.0 16.5 13.0 Arthritis 31.6 31.4 46.2 Poliomyelitis 6.8 3.3 6.5 Spinal cord injuries 8.3 14.0 8.9 Multiple oclerosis 15.0 6.6 8.9 Muscular dystrophy 15.8 7.4 13.6 Facial trauma from accidents 6.8 10.7 9.5 Muttiply handicapped 17.3 19.0 29.6 The nonsing-home patient 11.3 5.8 7.7 Cleft palate or lip 19.5 16.5 9.5 Other cranisfacial anomalies 6.0 5.0 6.5 spina bifida 2.2 4.1 0.6 Thalidomide-induced deformitico and similar malformations 0.7 0.8 1.8 Diabetes and other endocrine 48.1 51.2 72.2 2 Hemophilia 30.6 37.3 30.6 37.3 Actima 29.3 30.6 37.3 30.6 37.3 At	Epilepsy		29.3	28.1	37.9
Parkinsonism 15.0 16.5 13.0 Artnritis 31.6 31.4 46.2 Poliomyelitis 6.8 3.3 6.5 Spinal cord injuries 8.3 14.0 8.9 Multiple sclerosis 15.0 6.6 8.9 Muscular dystrophy 15.8 7.4 13.6 Facial trauma from accidents 6.8 10.7 9.5 Multiply handicapped 17.3 19.0 29.6 The nomebound patient 11.3 5.8 7.7 Cleft palate or lip 19.5 16.5 9.5 Other craniofacial anomalies 6.0 5.0 6.5 Spina bifida 2.2 4.1 0.6 Thalidomide-induced deformitics and similar malformations 0.7 0.8 1.8 Diabeteb and other endocrine 48.1 51.2 72.2 1.0 disturbances 29.3 30.6 37.3 3.6 Atherooclerosis 21.8 28.1 31.9 Eaphyoema 1.5 - 0.6 Altergic reactions to drugs	Stroke		21.8	16.5	26.6
Artnritis 31.6 31.4 46.2 Poliomyelitis 6.8 3.3 6.5 Spinal cord injuries 8.3 14.0 8.9 Multiple scleroois 15.0 6.6 8.9 Muscular dystrophy 15.8 7.4 13.6 Facial trauma from accidents 6.8 10.7 9.5 Multiply handicapped 17.3 19.0 29.6 The nomebound patient 10.5 9.1 13.0 The nomebound patient 11.3 5.8 7.7 Cleft palate or lip 19.5 16.5 9.5 Other craniofacial anomalies 6.0 5.0 6.5 Spina bifida 2.2 4.1 0.6 Thalidomide-induced deformities and similar malformations 0.7 0.8 1.8 Diabeteb and other endocrine 48.1 51.2 72.2 2 Hemophilia 3.0 7.4 4.7 Gardiopulmonary disease 36.1 41.3 59.8 Aothma 29.3 30.6 37.3 Atheroocleroois 21.8	Parkinsonism		15.0	16.5	13.0
Pollowyelitis 6.8 3.3 6.5 Spinal cord injuries 8.3 14.0 8.9 Multiple scleroois 15.0 6.6 8.9 Muscular dystrophy 15.8 7.4 13.6 Facial trauma from accidents 6.8 10.7 9.5 Multiply handicapped 17.3 19.0 29.6 The nomebound patient 11.3 5.8 7.7 Cleft palate or lip 19.5 16.5 9.5 Other craniofacial anomalies 6.0 5.0 6.5 Spina bifida 2.2 4.1 0.6 Thalidomide-Induced deformities 3.0 7.4 4.7 and similar malformations 0.7 0.8 1.8 Diabete5 and other endocrine 3.0 7.4 4.7 Gardiopulmonary disease 36.1 41.3 59.8 Asthmad 29.3 30.6 37.3 Atheroocleroois 1.5 - 0.6 Allergic reactions to drugs - - <td< td=""><td>Arthritis</td><td></td><td>31.6</td><td>31.4</td><td>46.2</td></td<>	Arthritis		31.6	31.4	46.2
Spinal cord injuries 8.3 14.0 8.9 Multiple sclerosis 15.0 6.6 8.9 Muscular dystrophy 15.8 7.4 13.6 Facial trauma from accidents 6.8 10.7 9.5 Multiply handicapped 17.3 19.0 29.6 The nomebound patient 11.3 5.8 7.7 Cleft palate or lip 19.5 16.5 9.5 Other cranisfacial anomalies 6.0 5.0 6.5 Spina bifida 2.2 4.1 0.6 Thaildomide-induced deformities	Poliomvelitis		6.8	3.3	6.5
bp:inf: order order 15.0 6.6 8.9 Muscular dystrophy 15.8 7.4 13.6 Facial trauma from accidents 6.8 10.7 9.5 Multiply handicapped 17.3 19.0 29.6 The nomebound patient 10.5 9.1 13.0 The norsing-home patient 11.3 5.8 7.7 Cleft palate or lip 19.5 16.5 9.5 Other craniofacial anomalies 6.0 5.0 6.5 Spins bifida 2.2 4.1 0.6 Thalidomide-induced deformities and similar malformations 0.7 0.8 1.8 Diabete5 and other endocrine 48.1 51.2 72.2 disturbances 29.3 30.6 37.3 Atherosclerosis 21.8 28.1 31.9 Emphysema 8.3 14.0 13.6 Cystic fibrosis 1.5 - 0.6 Allergic reactions to drugs 3.8 5.8 3.5 used in dental treatment 33.8 33.9 46.1 Autiom 3.8	Spinal cord inturies		8.3	14.0	8.9
Huseriar dystrophy 15.8 7.4 13.6 Facial trauma from accidents 6.8 10.7 9.5 Multiply handicapped 17.3 19.0 29.6 The nomebound patient 10.5 9.1 13.0 The nomebound patient 11.3 5.8 7.7 Cleft palate or lip 19.5 16.5 9.5 Other craniofacial anomalies 6.0 5.0 6.5 Spina bifida 2.2 4.1 0.6 Thalidomide-induced deformities and similar malformations 0.7 0.8 1.8 Diabeteb and other endocrine 48.1 51.2 72.2 1.6 disturbances 48.1 51.2 72.2 1.8 29.3 30.6 37.3 Atherooclerosis 21.8 28.1 31.9 31.9 31.9 31.9 Emphysema 8.3 14.0 13.6 35 35 35 35 35 35 35 35 35 35 35 35 3	Multiple acleronia		15.0	6.6	8.9
Facial traum from accidents 6.8 10.7 9.5 Multiply handicapped 17.3 19.0 29.6 The nomebound patient 10.5 9.1 13.0 The norsing-home patient 11.3 5.8 7.7 Cleft palate or lip 19.5 16.5 9.5 Other craniofacial anomalies 6.0 5.0 6.5 Spina bifida 2.2 4.1 0.6 Thalidomide-induced deformities 0.7 0.8 1.8 Diabeteb and other endocrine 0.7 0.8 1.8 Diabeteb and other endocrine 3.0 7.4 4.7 Cardiopulmonary disease 36.1 41.3 59.8 Actherosclerosis 21.8 28.1 31.9 Atherosclerosis 1.5 - 0.6 Allergic reactions to drugs 33.8 33.9 46.1 used in dental treatment 3.8 5.8 3.5 Hyperactivity 21.8 17.4 18.94 Other behavior problems 27.1 24.0 34.3 Leukemia 2.2 0.8 <td>Muschlar dystrophy</td> <td></td> <td>15.8</td> <td>7.4</td> <td>13.6</td>	Muschlar dystrophy		15.8	7.4	13.6
Halt full and icapped 17.3 19.0 29.6 The norsing-home patient 10.5 9.1 13.0 The nursing-home patient 11.3 5.8 7.7 Cleft palate or lip 19.5 16.5 9.5 Other craniofacial anomalies 6.0 5.0 6.5 Spina bifida 2.2 4.1 0.6 Thaidomide-induced deformities 0.7 0.8 1.8 and similar malformations 0.7 0.8 1.8 Diabeteb and other endocrine 0.7 0.8 1.8 disturbances 3.0 7.4 4.7 Hemophil2a 3.0 7.4 4.7 Cardiopulmonary disease 36.1 41.3 59.8 Acherosclerosis 21.8 28.1 31.9 Emphysema 1.5 - 0.6 Allergic reactions to drugs 3.8 5.8 3.5 used in dental treatment 3.8 5.8 3.5 Hyperactivity 21.8 17.4 18.94 Other behavior problems 27.1 24.0 34.3	Facial trauma from accidents		6.8	10.7	9.5
Interpret10.59.113.0The nonsebound patient11.35.87.7Cleft palate or lip19.516.59.5Other craniofacial anomalies6.05.06.5Spina bifida2.24.10.6Thalidomide-induced deformities 2.2 4.10.6and similar malformationo0.70.81.8Diabete3 and other endocrine 48.1 51.2 72.2 disturbances3.0 7.4 4.7 Cardiopulmonary dioease36.141.359.8Acthma29.330.637.3Atheroocleroois21.828.131.9Emphysema8.314.013.6Cystic fibrosis1.5 $-$ 0.6Allergic reactions to drugs 33.8 5.8 3.5Hyperactivity21.817.4 18.94 Other behavior problems27.1 24.0 34.3 Leukemia2.20.83.0Other blood dyscrasias5.35.32.5Sarcomao2.21.6 $-$ Squamous cell carcinoma6.03.33.0	Multiply handicapped		17.3	19.0	29.6
The nursing-home patient 11.3 5.8 7.7 Cleft palate or lip 19.5 16.5 9.5 Other craniofacial anomalies 6.0 5.0 6.5 Spina bifida 2.2 4.1 0.6 Thalidomide-induced deformities 2.2 4.1 0.6 and similar malformations 0.7 0.8 1.8 Diabete5 and other endocrine 48.1 51.2 72.2 Hemophil2a 3.0 7.4 4.7 Cardiopulmonary disease 36.1 41.3 59.8 Aothma 29.3 30.6 37.3 Atherosclerosis 21.8 28.1 31.9 Emphysema 8.3 14.0 13.6 Cystic fibrosis 1.5 - 0.6 Allergic reactions to drugs 3.8 33.9 46.1 used in dental treatment 3.8 5.8 3.5 Hyperactivity 21.8 17.4 18.94 Other behavior problems 27.1 24.0 34.3 Leukemia 2.2 0.8 3.0	The homebound patient	**	10.5	9.1	13.0
All in the function of the formation19.516.59.5Cleft palate or lip19.516.59.5Other craniofacial anomalies 6.0 5.0 6.5 Spina bifida 2.2 4.1 0.6 Thalidomide-induced deformities $and similar malformations$ 0.7 0.8 1.8 Diabetes and other endocrine 48.1 51.2 72.2 Hemophiliza 3.0 7.4 4.7 Cardiopulmonary disease 36.1 41.3 59.8 Aothma 29.3 30.6 37.3 Atherosclerosis 21.8 28.1 31.9 Emphysema 8.3 14.0 13.6 Cystic fibrosis 1.5 $ 0.6$ Allergic reactions to drugs ued in dental treatment 3.8 5.8 3.5 Hyperactivity 21.8 17.4 18.94 Other behavior problems 27.1 24.0 34.3 Leukemia 2.2 0.8 3.0 Other blood dyscrasias 5.3 2.5 4.1 Sarcomas 2.2 1.6 $-$ Squamous cell carcinoma 6.0 3.3 3.0	The nursing-home patient	•	11.3	5.8	7.7
Other crantofactal anomalies 6.0 5.0 6.5 Spina bifida 2.2 4.1 0.6 Thalidomide-induced deformities 2.2 4.1 0.6 Thalidomide-induced deformities 0.7 0.8 1.8 Diabeteb and other endocrine 48.1 51.2 72.2 Hemophilža 3.0 7.4 4.7 Cardiopulmonary disease 36.1 41.3 59.8 Aothma 29.3 30.6 37.3 Atherosclerosis 21.8 28.1 31.9 Emphysema 8.3 14.0 13.6 Cystic fibrosis 1.5 - 0.6 Allergic reactions to drugs 38.8 5.8 3.5 Hyperactivity 21.8 17.4 18.94 Other behavior problems 27.1 24.0 34.3 Leukemia 2.2 0.8 3.0 Other blood dyscrasias 5.3 2.5 4.1 Sarcomas 2.2 1.6 -Squamous cell carcinoma 6.0 3.3 3.0	Cleft palate or lip		19.5 °	16.5	9.5
Spina bifida2.24.10.6Spina bifida1.81.8Thalidomide-induced deformities0.70.81.8Diabeteb and other endocrine48.151.272.2Hemophila3.07.44.7Cardiopulmonary disease36.141.359.8Aothma29.330.637.3Atherosclerosis21.828.131.9Emphysema8.314.013.6Cystic fibrosis1.5-0.6Allergic reactions to drugs3.85.83.5Hyperactivity21.817.418.9Other behavior problems27.124.034.3Leukemia2.20.83.0Other blood dyscrasias5.35.81.8Brain tumoro5.32.54.1Sarcomas2.21.6-Squamouo cell carcinoma6.03.33.0	Other craniofacial anomalies		6.0	5.0	6.5
Thalidomide-induced deformities and similar malformations0.70.81.8Diabetes and other endocrine disturbances48.151.272.2Hemophilia3.07.44.7Cardiopulmonary disease36.141.359.8Aothma29.330.637.3Atherosclerosis21.828.131.9Emphysema8.314.013.6Cystic fibrosis1.5-0.6Allergic reactions to drugs33.833.946.1used in dental treatment3.85.83.5Hyperactivity21.817.418.94Other behavior problems27.124.034.3Leukemia2.20.83.0Other blood dyscrasias5.35.81.8Brain tumoro5.32.54.1Sarcomas2.21.6-Squamous cell carcinoma6.03.33.0	Spipa hifida		2.2	4.1	0.6
Initial function 0.7 0.8 1.8 Diabetes and other endocrine 48.1 51.2 72.2 Hemophilia 3.0 7.4 4.7 Cardiopulmonary disease 36.1 41.3 59.8 Aothma 29.3 30.6 37.3 Atherosclerosis 21.8 28.1 31.9 Emphysema 8.3 14.0 13.6 Cystic fibrosis 1.5 $ 0.6$ Allergic reactions to drugs $used$ in dental treatment 33.8 33.9 46.1 Autiom 3.8 5.8 3.5 Hyperactivity 21.8 17.4 18.94 Other behavior problems 27.1 24.0 34.3 Leukemia 2.2 0.8 3.0 Other blood dyscrasias 5.3 5.8 1.8 Brain tumoro 5.3 2.5 4.1 Sarcomas 2.2 1.6 $-$ Squamous cell carcinoma 6.0 3.3 3.0	Thalidomide_induced_deformities				
Diabete5 and other endocrine disturbances 48.1 51.2 72.2 Hemophilża 3.0 7.4 4.7 Cardiopulmonary disease 36.1 41.3 59.8 Astherosclerosis 29.3 30.6 37.3 Atherosclerosis 21.8 28.1 31.9 Emphysema 8.3 14.0 13.6 Cystic fibrosis 1.5 - 0.6 Allergic reactions to drugs 3.8 3.9 46.1 used in dental treatment 33.8 3.9 46.1 Autiom 3.8 5.8 3.5 Hyperactivity 21.8 17.4 18.94 Other behavior problems 27.1 24.0 34.3 Leukemia 2.2 0.8 3.0 Other blood dyscrasias 5.3 5.8 1.8 Brain tumoro 5.3 2.5 4.1 Sarcomac 2.2 1.6 - Squamous cell carcinoma 6.0 3.3 3.0	and similar malformations		0.7	0.8	1.8
disturbances 48.1 51.2 72.2 Hemophilża 3.0 7.4 4.7 Cardiopulmonary disease 36.1 41.3 59.8 Aothma 29.3 30.6 37.3 Atherooclerosis 21.8 28.1 31.9 Emphysema 8.3 14.0 13.6 Cystic fibrosis 1.5 - 0.6 Allergic reactions to drugs - 0.6 used in dental treatment 33.8 5.8 3.5 Hyperactivity 21.8 17.4 18.94 Other behavior problems 27.1 24.0 34.3 Leukemia 2.2 0.8 3.0 Other blood dyscrasias 5.3 5.8 1.8 Brain tumoro 5.3 2.5 4.1 Sarcomas 2.2 1.6 - Squamous cell carcinoma 6.0 3.3 3.0	Dishateb and other endocrine				
Hemophilża 3.0 7.4 4.7 Cardiopulmonary dicease 36.1 41.3 59.8 Aothma 29.3 30.6 37.3 Atheroocleroois 21.8 28.1 31.9 Emphysema 8.3 14.0 13.6 Cystic fibrosis 1.5 - 0.6 Allergic reactions to drugs 33.8 33.9 46.1 used in dental treatment 33.8 5.8 3.5 Hyperactivity 21.8 17.4 18.92 Other behavior problems 27.1 24.0 34.3 Leukemia 2.2 0.8 3.0 Other blood dyscrasias 5.3 5.8 1.8 Brain tumoro 5.3 2.5 4.1 Sarcomas 2.2 1.6 - Squamous cell carcinoma 6.0 3.3 3.0	diaturbancea		48.1	· 51.2	72.2
Cardiopulmonary disease 36.1 41.3 59.8 Aothma 29.3 30.6 37.3 Atherooclerosis 21.8 28.1 31.9 Emphysema 8.3 14.0 13.6 Cystic fibrosis 1.5 - 0.6 Allergic reactions to drugs	Homouh 118 a		3.0	7.4	4.7
Aothma 29.3 30.6 37.3 Atherooclerosis 21.8 28.1 31.9 Emphysema 8.3 14.0 13.6 Cystic fibrosis 1.5 - 0.6 Allergic reactions to drugs 33.8 33.9 46.1 used in dental treatment 33.8 5.8 3.5 Hyperactivity 21.8 17.4 18.94 Other behavior problems 27.1 24.0 34.3 Leukemia 2.2 0.8 3.0 Other blood dyscrasias 5.3 5.8 1.8 Brain tumoro 5.3 2.5 4.1 Sarcomas 2.2 1.6 - Squamous cell carcinoma 6.0 3.3 3.0	Cardionulmonary dicease		36.1	41.3	59.8
Atherooclerooid 21.8 28.1 31.9 Emphysema 8.3 14.0 13.6 Cystic fibrosis 1.5 - 0.6 Allergic reactions to drugs 33.8 33.9 46.1 used in dental treatment 33.8 5.8 3.5 Hyperactivity 21.8 17.4 18.94 Other behavior problems 27.1 24.0, 34.3 Leukemia 2.2 0.8 3.0 Other blood dyscrasias 5.3 5.8 1.8 Brain tumoro 5.3 2.5 4.1 Sarcomac 2.2 1.6 - Squamous cell carcinoma 6.0 3.3 3.0	Acthma		29.3	30.6	37.3
Atheroscherosts 8.3 14.0 13.6 Emphysema 1.5 - 0.6 Cystic fibrosis 1.5 - 0.6 Allergic reactions to drugs 33.8 33.9 46.1 used in dental treatment 33.8 5.8 3.5 Hyperactivity 21.8 17.4 18.94 Other behavior problems 27.1 24.0, 34.3 Leukemia 2.2 0.8 3.0 Other blood dyscrasias 5.3 5.8 1.8 Brain tumoro 5.3 2.5 4.1 Sarcomas 2.2 1.6 - Squamous cell carcinoma 6.0 3.3 3.0	Abthan larogic		21.8	28.1	31.9
Implysend 1.5 - 0.6 Allergic reactions to drugs used in dental treatment 33.8 33.9 46.1 Autiom 3.8 5.8 3.5 Hyperactivity 21.8 17.4 18.94 Other behavior problems 27.1 24.0 34.3 Leukemia 2.2 0.8 3.0 Other blood dyscrasias 5.3 5.8 1.8 Brain tumoro 5.3 2.5 4.1 Sarcomas 2.2 1.6 - Squamous cell carcinoma 6.0 3.3 3.0	Rephysona		8.3	14.0	13.6
Allergic reactions to drugs 33.8 33.9 46.1 Autiom 3.8 5.8 3.5 Hyperactivity 21.8 17.4 18.94 Other behavior problems 27.1 24.0 34.3 Leukemia 2.2 0.8 3.0 Other blood dyscrasias 5.3 5.8 1.8 Brain tumoro 5.3 2.5 4.1 Sarcomac 2.2 1.6 - Squamous cell carcinoma 6.0 3.3 3.0	Custia fibrosis		1.5	-	0.6
used in dental treatment 33.8 33.9 46.1 Autiom 3.8 5.8 3.5 Hyperactivity 21.8 17.4 18.94 Other behavior problems 27.1 24.0 34.3 Leukemia 2.2 0.8 3.0 Other blood dyscrasias 5.3 5.8 1.8 Brain tumoro 5.3 2.5 4.1 Sarcomas 2.2 1.6 - Squamous cell carcinoma 6.0 3.3 3.0	Allorute reactions to drugs				
Aution 3.8 5.8 3.5 Aution 3.8 5.8 3.5 Hyperactivity 21.8 17.4 18.94 Other behavior problems 27.1 24.05 34.3 Leukemia 2.2 0.8 3.0 Other blood dyscrasias 5.3 5.8 1.8 Brain tumoro 5.3 2.5 4.1 Sarcomas 2.2 1.6 - Squamous cell carcinoma 6.0 3.3 3.0	wood in dontal treatment		33.8	33.0	46.1
Hyperactivity 21.8 17.4 18.9i Other behavior problems 27.1 24.0, 34.3 Leukemia 2.2 0.8 3.0 Other blood dyscrasias 5.3 5.8 1.8 Brain tumoro 5.3 2.5 4.1 Sarcomas 2.2 1.6 - Squamous cell carcinoma 6.0 3.3 3.0	Aution		3.8 `	5.8	3.5
hyperactivity 27.1 24.0, 34.3 Uther behavior problems 2.2 0.8 3.0 Leukemia 2.2 0.8 3.0 Other blood dyscrasias 5.3 5.8 1.8 Brain tumoro 5.3 2.5 4.1 Sarcomas 2.2 1.6 - Squamous cell carcinoma 6.0 3.3 3.0	AULION Nuchanatinity		21.8	17.4	18.94
Other behavior problems 27.1 24.0 34.0 Leukemia 2.2 0.8 3.0 Other blood dyscrasias 5.3 5.8 1.8 Brain tumoro 5.3 2.5 4.1 Sarcomas 2.2 1.6 - Squamous cell carcinoma 6.0 3.3 3.0	hyperactivity		27.1	24.0	34.3
Lettreal aStateStateStateOther blood dyscrasias5.35.81.8Brain tumoro5.32.54.1Sarcomas2.21.6-Squamous cell carcinoma6.03.33.0	Uther behavior problems		2.2	0.8	3.0
Brain tumoro5.32.54.1Sarcomao2.21.6Squamouo cell carcinoma6.03.33.0	Leukenia		5.3	5.8	1.8
Sarcomac2.21.6Squamous cell carcinoma6.03.3			5.3	2.5	4.1
Sarcomab2.41.0Squamoub cell carcinoma6.03.33.0			2.2	1.6	
adnamone cerr carcruomi and			6.0	3 3	3.0
68 7.4 8.3	squamous cerr carcinowa		6.8	7.4	8.3

*Data not available for this year.

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TABLE 4-10

The Percentage of School Ten Students Who Treated One or More Patients with Specified Handicaps by Year of Graduation

Description of handicap	<u> 1975 </u> N = 101	<u>1976</u> N = 70	<u>1977</u> N = 74	<u>1978</u> N ≃ 75
Mental retardation	16.8	32.9	25.7	29.3
Cerebral palsy	9.9	1.4	13.5	12.0
Blindneos	4.0	5.7	13.5	5.3
Deafness	17.8	14.3 .	21.6	12.0
Epilepsy	21.8	21.4	24.3	22.7
Stroke	13.9	24.3	14.9	21.3
Parkinsonism	3.0	5.7	1.3	6.7
Arthritig	34.6	45.7	45.9	57.3
Poliomyelitis V	5.9	4.3	2.7	6.7
Spinal cord injuries	8.9	4.3	· 1.3	2.7
Multiple oclerosio	1.0	-	1.3	1.3
Muscular dystrophy	-	4.3	-	1.3
Facial trauma from accidents	17.8	21.4	12.2	17.3
Multiply handicapped	5.9	8.6	13.5 .	8.0
The homebound patient	5.9	2.9		1.3
The nursing-home patient	5.9	12.9	. 12.2	4.0
Cleft palate or lip	5.9	7.1	5.4	5.3
Other craniofacial anomalies	2.0	4.3	5.4	6.7
Spina bifida		-		1.3
Thalidomide-induced deformities				
and similar malformations	-	-	ata .	-
Diabetes and other endocrine				
disturbances	47.5	45.7	58.1	66.7
Hemophilia	3.0	4.3	5.4	8.0
Cardiopulmonary disease	32.7	37.1	48.6	52.0
Authma	32.7	45.7	31.1	38.7
Atherosclerosis	16.8	21.4	17.6	18.7
Emphysema	10.9	12.9	13.5	20.0
Cystic fibrosis	-	4	1.3	1.3
Allergic reactions to drugs				
used in dental treatment	31.7	38.6	36.5	50.7
Autiom	-	1.4	-	1.3
Hyperactivity	14.8	14.3	16.2	10.7
Other behavior problems	17.8	14.3	16.2	13.3
Leukemia	1.0	e3 4	- ¹	2.7
Other blood dyscrasias	3.0	5.7	1.3	1.3
Brain tumoro	439 14	G	-	2.7
Sarcomac	4.0	1.4	≌ 4.0ં	1.3
Squamous cell carcinoma	6.9	8.6	m 5.4	9.3
Other neoplasms	4.9	7.1	8.1	4.0



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TABLE	4-11

The Percentage of School Eleven Students Who Treated One or More Patients with Specified Handicaps by Year of Graduation

Description of handicap	<u>1975</u> N = 81	<u>1976</u> N = 88	$\frac{1977}{N = 72}$	<u>1978</u> N = 90
	۲, 1994			
Mental retardation	34.6	42.0	43.1	53.3
Cerebral palov	27.2	29.5	22.2	26.7
Blindneng	16.0	18.2	5.6	21.1
Deafneon	21.0	13.6	11.1	22.2
Enilendy	32.1	35.2	33.3	38.9
Stroke	27.2	13.6	15.3	28.9
Parkingonigm	12.3	7.9	2.8	4.4
Arthritig	44.4	34.1	27.8	45.6
Poliomvelitin	7.4	10.2	6.9	3.3
Spinal cord inturden	6.2	9.1	15.3	18.9
Multiple acleronia	7.4	17.0	/ 9.7	14.4
Muncular dvatronhy	3.7	9.1 A	4.2	3.3
Facial trauma from accidents	25.9	26.25	23.6	26.7
Multiply handicanned	18.5	2500	1 13.9-	~ 23.3
The homehound patient	1.2		\$ 6.9	4.4
The nuraing-home patient	21.0	28.0	31.9	44.4
Cleft palate or lip	8.6	8.0	9.7	18.9
Other craniofacial anomalies	2.5	/ 7.9	4.2	7.8
. Spina bifida	<u>(</u>	/ 5.7	- \	4.4
Thalidomide-induced deformities			Ň	\backslash
and similar malformations	235		_	1.1
Diabetes and other endocrine				
diaturbancea	48.1	37.5	40.3	48.9
Henophilia	9.9	9.1	9.7	7.8
Cardiopulmonary disease	40.7	39.8	36.1	56.7
Aothma	30.9	36.4	31.9	35.5
Atheroselerosis	17.3	20.4	13.9	20.0
Emphygema	17.3	14.8	16.7	15.6
Cystic fibrosis	2.5	2.3	6 9	1.1
Allergic reactions to drugs	Ø '			
used in dental treatment	46.9	27.3	31.9	36.7
Autism	2.5	2.3	4.2	5.5
Hyperactivity	38.3	25.0	23.6	31.1
Other behavior problems	27.2	26.1	25.0	38.9
Leukemia	3.7	3.4	. 1.4	3.3
Other blood dyscrasias	9.9	12.5	5.6	6.7
Brain tumoro	2.5	2.3	2.8	3.3
Sarcomao '	2.5	1.1	2.8	2.2
Squamous cell carcinoma	3.7	6.8	6.9	3.3
Other neonlagma	6.2	G .7	9.7	8.9



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Table 4-11. Thus, 35 percent of 1975 graduates reported treating patients with mental retardation, compared to 53 percent in 1978, and 21 percent of 1975 graduates said they had treated nursing-home patients, while 44 percent of 1978 graduates had done so. Among areas showing declines were poliomyelitis, which went from 7 percent to 3 percent, and allergic reactions to drugs, which went from 47 percent to 37 percent.

The general picture which emerges from these data is that the schools differed considerably on how much clinical exposure to handicapping conditions they provided their students at the beginning of the funding period. They drew in different mixes of handicapped patients as the project progressed, but they did fulfill their obligation to provide this kind of experience. This confirms the observations made on site visits.

The overall pattern can be highlighted in Table 5, which shows, in percent, the students who treated two or more patients with selected handicapping conditions for the years 1975 through 1978. While the numbers are small, overall, there is a steady increase, the average doubling from three in 1975 to six percent in 1978. There is no doubt that clinical exposure to handicapping conditions increased between 1975 and 1978.

Treatment Planning Alternatives

One section of the test booklet, treatment planning alternatives, asked for judgments as to what disposition the student would make of patients with different combinations of a handicapping condition and a dental problem. Alternatives were (a) treat in the office; (b) treat after consultation with a specialist; (c) treat in a hospital; or (d) refer to a dental specialist. At the time this section was developed in early 1974, the advisory committee



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Table 5

Percent of students who treated 2 or more patients with selected handicapping conditions 1975 through 1978

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	20			•
Handicap	1975	1976	1977	. 1978
	N = <u>791</u>	<u>910</u> ·	690	796
Mental retardation	10	13	12	23
Cerebral palsy	5	5	ີ 6	' 7 🗭
Epilepsy	6	6	4	10
Stroke (including facial paralysis)	~ 2	2	2	2
Spinal cord injuries	1	1	2	2
Multiple sclerosis	0	1	2	2
Muscular dystrophy	· 1	1	1	1
Multiply-handicapped	4	4	Ś	8
The Nursing-home patient	3	4	∘ 4	7
Cleft palate (and cleft lip)	2	2	3	2-
Average	3	4	4	6

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members chose the alternatives they thought most likely to be appropriate for a dentist newly out of dental school. These alternatives are marked with an asterisk in Table 6, which also shows the percentage of all students who chose each alternative in each year.

From 1974 through 1977, the proportion of students choosing "routine office treatment" as the alternative increased rather steadily. Across all 25 items, the average percentage choosing that alternative was 32.0 in 1974, 34.9 in 1975, 36.7 in 1976, and 38.3 in 1977. In 1978, however, the average percentage choosing that alternative dropped to 34.8. The reason for this decline may possibly be found in the number of cases involved in 1978, 796, compared with 690 cases in 1977. Nine schools were involved in each of the two years, although not the same nine. It appears that the project directors made somewhat more effort to obtain maximum participation in 1978 than in the previous year, and it may well have been that these additional students were those less concerned with the handicapped program or perhaps even adverse to it.

When the alternatives preferred by the advisory committee are considered, there is again a drop-off from 1977 to 1978, but not the rising trend from 1974 to 1977. (For ten items, "routine office treatment" was the preferred or one of two preferred alternatives; thus these categories are not completely independent of one another.) From 1974 to 1977, the average percentage remained about the same, the figures being 56.7 for 1974, 55.1 for 1975, 56.1 for 1976, and 56.1 for 1977. Then in 1978, it fell to 53.8.

It should be noted that the "preferred alternatives" were chosen by the advisory committee before the training program was underway, although after



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The Percentage of Total Students who chose each Patient Treatment Alternative Concerning Different Kinds of Patients, by Year

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•	Description of Patient	<u>Alternative Treatment</u>	<u>1974</u> N = 526	$\frac{1975}{N = 791}$	<u>1976</u> N = 91 <u>0</u>	<u>1977</u> N = 690	<u>.1978</u> N = 796
_	,	routino offico troatment	14.1	20.3	24.9	27.2	14.8
1.	A severely retarded 8-year-old girl with extensive caries in the primary dentition, together with	after consultation with specialist	20.0	24.7	25.2	23.9	22.1
	gingival inflammation	only in a hospital*	24.3	17.4	19.2	16.5	24.9
ى 	,	refer to dental specialist	40.3	33.9	28.5	30.6	34.2
		routine office treatment*	85.4	83.4	85.2	84.8	83.7
2.	An arthritic 64-year-old man with moderate	after consultation with specialist	13.5	11.6	11.6	12.0	11.3
	periodontal disease. θ	only in a hospital		0.4	0.1	14	0.'1
	^	rofer to dental specialist	0.8	2.4	1.8	1.6	1.4
		routine office treatment*	42.8	50.1	53.2	58.8	51.0
з.	A blind and deaf patient with marked gingivitis	after_consultation with specialist*	33.3	25.8	26.6	22.9	25.5
	a creat forces with and for OrnGerran	only In a hospital	1.7	1.5	2.2	1.3	3.0
		refer to dental specialist	21.5_	. 19.1	16.6	15.4	16.8
		routino offico treatment	3.8	2.9	3.0	3.9	3.3
4.	An 18-year-old hemophiliac with deep carious	after consultation with specialist*	28.5	33.9	37.0	42.5	36.4
	lesions in several maxillary teeth	only in a hospital	46.4	41.5	39.7	32.2	36,3
	· · · · · · · · · · · · · · · · · · ·	rofor to dental specialist	20.3	17.8	17.5	19.7	19.8
	:	routine offico treatment*	59.3	70.3	77.2	76.5	69.6
5.	A cooperative 12-year-old boy with Down's syndrome,	after consultation with specialist	32.1	20.9	16.5	16.1	22.4
	carious lesions in several teeth, and severe gingivitis	only in a hospital	2.3	1.0	1.2	1.4	1.0
	4	rafor to dental operialist	5.5	4.5	3.5	4.2	2.9
		rdutino office troatment	7.2	6.9	7.4	8.4	6.8
6.	A severaly hypertensive 58-year-old man in need	after consultation with specialist	40.1	44.7	46.1	44.2	48.0
	of gingivectomics	only in a hospital.	25.1	18.7	18.2	17.2	18.1
	0	rofor to dontal specialist*	27.2	25.7	25.6	28.1	23.1
		routino offico treatment "	16.5	16.9	13.8	16.8	14.2
7.	An 8-year-old girl with leukemia in remission who has 🛛 ≽	after consultation with specialist*	62.7	59.7	60.8	58.7	57.5
	large carious lesions in three primary teeth	only in a hospital	10.1	° 11.5	12.0	8.8	12.3
		refor to dental openialist	9.9	8.6	10.9	12.7	11.4
		routine office treatment"	39.7	51.1	\$6.8	53,0	47.2
8.	A moderately retarded, corebral-palaied 13-year-old	aftor equsultation with specialist	31.0	23.8	23.6	22.0	27.0
	boy with a dentoalveologr abscess	only in a hospital	6.1	4.3	4.5	4.6	5 .0
	d 1	rofor to dental opecialist	22.6	17.4	13.2	18.5	16.6
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	Description of Patient	Alternative Treatment	1974	1975	1976	1977	1978	
•	۵ ۲	routine office treatment	6.8	8.8	6.8	6.8	6.7	÷ * *
9.	A 40-year-old edentulous woman with an unrepaired complete cleft of the bard and soft palates who	after, consultation with specialist	12.0	14.4	14.4	12.9	14.4	
•	is in need of a prosthesis	only in a hospital	1.1	0.5	1.3	1.3	1.5	•
		refer to dental specialist*	79.3	74.0	75.6	77.4	73.6	
	e n	routine office treatment*	72.4	74.8	78.7	77.8	71,4	
10.	A 24-year-old moderately retarded man with controlled $\sqrt{1}$	after consultation with specialist*	23.9	19.6	17.5	17.7	21.0	
	epilepsy and carious lesions in two molars	only in a hospital	0.8	0.6	0.7	1,0	1.1	
		refer to dental specialist	2.3	2.9	1.3	2.6	2.3	
	· · · · · · · · · · · · · · · · · · ·	routine office treatment	10.3	14.3	17.2	18.1	14.2	
11.	A severely retarded 18-year-old in need of cincipation	after consultation with specialist	12.2	15.0	° 17.1	13.2	15.1	
,	i beverery relarded to year ord in need of gringivectomies	only in a hospital	23.8	19.7	22.4	19.0	24.1	
	s,,,,,	refer to dental specialist*	53.0	47.5	40,3	48.3	42.1	
	o , , , , , , , , , , , , , , , , , , ,	foutine office treatment	24.1	21.2	20.2	31.0	37.4	
12.	A 48-year-old woman with a prosthetic cardiac heart valve	after consultation with specialist*	58.4	56.1	59.2	55.4	47.0	. 物
١	replacement who is in need of a pulp extirpation	only in a hospital	9.9	10.4	7:6	5.2	5.5	
	• • • •	refer to dental specialist	7.0	8.8	9.9	7.1	6.0	
		routine office treatment	8.0	12.3	14.8	15.9	9.8	• .
12	A several v retarded 18-year-old in pool of by and and and	after consultation with specialist	8.9	10.5 ·	11.1	9.1	11.6	
13,	A severely related to-year-old in need or-an apicoectomy	only in a hospital*	21.5	18.7	19.0	16.4	20.5	•
		refer to dental specialist*	61.0	55.6	52.5	57.1	54.4	•
		routine office treatment*	29.3	37.7	43.2	44.5	34.2	·
14 .	An 8-year-old autistic child with fractured antenion tooth	after consultation with specialist	29.7	28.8	27.5	24.1	29.1	
	in o year out addibile child with fractured anterior teeth	only in a hospital	4.7	3.8	5.8	5.4	6.8	
	P	refer to dental specialist	32.7_	25.4	20.3	24.2	25.7	
•	a 17	routine office treatment*	72.0 ``	.71.8	` 74.3	73.9	65.3	
15.	A 6-year-old moderately retarded girl with a repaired	after consultation with specialist	18.1	16.4	14.8	12.2	19.8	-
	cleft palate and dental caries .	only in a hospital	0.8	1.0	1.4	1.3	1.9	
		refer to dental specialist	8.2	7.8	7.8	11.2	9.2	
	. 0	routine office treatment	1.9	3.8	2.6	5.5	5.6	11 - E
16.	A 56-year-old man with a history of two episodes of	after consultation with specialist	27.9	34.1	´ 3'5.0	33.6	37.8	
	stroke who is in need of multiple extractions	only in a hospital*	•35.0	29.1	31.0	25.6	24.4	· · ·
	· · ·	refer to dental specialist*	34.2	28.8	27.8	32.5	27.9	
	•	routine office treatment	30.0	44.2	44.5	49.3	42.6	х н ⁷
17.	A blind and deaf 6-year-old boy with a badly decayed	after consultation with specialist	24.9	19.2	20.4	17.4	17.3	•
	molar that must be extracted	only in a hospital*	6.5	5.4	6.7	6.1	6.2	•
		refer to dental specialist*	37.6	27.8	25.7	25.2	29.4	

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		Description of Patient	Alternative Treatment	1974	1975	1976	1977	1978
			routine office treatment	20.0	28.3	32.5	33.9	26.3
	18.	A severely retarded 16-year-old in need of a pulp	after consultation with specialist	17.9	15.7	15.6	15.1	16.1
		extirpation	only in a hospital*	12.5	12.5	13.7	10.3	. 15.7
	1		refer to <u>dental specialist*</u>	49.0	40.8 <	36.3	39.7	37.9
		* *	routine office treatment*	41.2	50.9	55.0	60.9	51.9
	19.	A 16-year-old boy with muscular dystrophy and carious	after consultation with specialist	36.9	32.5	29.9	25.8	28.8
		lesions in several teeth	only in a hospital	6.3	4.0	4.0	2.5	5.5
			refer to dental specialist	15.2	9.5	9.1	9.6	9.4
		. w	routine office treatment	55.5	54.4	53.8	56.7	55.8
NC)	20.	An 18-year-old moderately retarded controlled	after consultation with specialist	29.1	27.9	28.5	27.4	25.0
1.0.1		epileptic with gingival hyperplasia	only in a hospital	.1.7	2.4	2,5	1.9	3.1
•		· · · · · · · · · · · · · · · · · · ·	refer to dental specialist*	13.3	12.5	<u>13.0</u>	13.0	11.8
			routine office treatment	41.6	39.2	36.8	39.4	39.1
	21.	A 12-year-old girl with a recent history of rheumatic	after consultation with specialist*	50.6	50.9	51.9	50.6	48.7
		fever who is in need of an extraction	only in a hospital	3.6	2.8	3.7	2.3	3.6
			refer to dental specialist	3.8	4.5	5.5	6.2	4.5
		· · ·	routine office treatment*	47.0	48.4	53.2	54.3	51.1
	22.	A 48-year-old woman with multiple sclerosis and	after consultation with specialist	41.1	38.8	35.9	33.9	33.9
		gingival inflammation	only in a hospital	3.4	1.8	1.9	1.4	3.4
			refer to dental specialist	7.6	7.5	6.7	8.5	7.2
			routine office treatment	7.6	5.1	5.2	4.8	4.8
	23.	maxillary defect secondary to therapy for a squamous	after consultation with specialist*	ي9.9	12.3	10.5	11.2	10.4
		cell carcinoma of the hard palate	only in a hospital	`1.1	0.8	2.1	2.9	1.1
			refer to dental specialist	81.0	<u> </u>	79.9	79.6	79.6
-			routine office treatment	0.2	1.0	2.0	2.5	1.6
ĸ	24.	A 16-year-old hemophiliac with a badly decayed	after consultation with specialist	12.2	19.3	19.8	25.4	.19.8
		molar that must be extracted	only in a hospital*	50.6	43.2	43.8	38.4	40.4
			refer to dental specialist	36.7	31.7	30.1	30.4	33.9
			routine office treatment*	63.9	55.0	55.5	58.5	62.6
		A 10 man all second last de bada de maai of administration	after consultation with specialist*	27.0	34.1	31.0	29.0	25.5
	25.	An io-year-old controlled diabetic in need of gingivoplasty	only in a hospital	1.1	0.5	1.5	0.7	0.6
			refer to dental specialist	7.6	8.0	.9.4	10.4	7.7
			•.	•				

* Alternatives selected by advisory committee. Total percentages may differ from 100 because of omissions and rounding error.

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proposals had been reviewed and funding decisions made. It is possible that different alternatives might have been preferred by the advisory committee after consideration of the programs as they actually developed.

Tables 6-1 through 6-11 show the corresponding data on treatment planning alternative selection separately by schools. Since the number of cases is smaller, obviously, for each school than for the total, one can expect these figures to be affected more by random fluctuation.

For School Ol, the average percentage choosing "routine office treatment" was 40.7 in 1974, 34.4 in 1975, 36.1 in 1976, 40.5 in 1977, and 35.4 in 1978. The average percentage choosing the preferred alternatives for the corresponding years was 58.9, 54.6, 57.7, 58.0, and 51.9. Any trend here, if there is one, is more than overcome by random fluctuation.

At School 02, the average percentage choosing "routine office treatment" was 25.0 in 1974, 40.3 in 1975, 40,5 in 1976, 41.5 in 1977, and 33.6 in 1978. Here we have a repetition of the phenomenom found for the total group, an increase through 1977 and then a drop-off in 1978. The corresponding figures for those choosing the preferred alternatives were 55.7, 52.1, 56.3, 57.5, and 55.3, with no trend apparent.

School 03 was represented only in 1974 and 1975. The average percentage choosing "routine office treatment" was 25.6 in 1974 and 24.5 in 1975. The average percentage choosing the preferred alternatives was 57.8 in 1974 and 51.4 in 1975.

School 04 was not represented in 1977 but was included in each of the other years. The average percentage choosing "routine office treatment" was 34.4 in 1974, 36.3 in 1975, 29.0 in 1976, and 29.7 in 1978. The corresponding

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TABLE 6-1

The Percentage of School One Students Who Chose Each Patient Treatment Alternative Concerning Different Kinds of Patients, by Year

	Description of Patient	Alternative Treatment	1974	1975	1976	1977	1978
			N = 53	N = 64	N = 69	N = 65	N = 62
· 1.	A severely retarded 8-year-old girl with extensive caries	routing office treatment	20.7	12.5	14.5	20.0	11.3
	in the primary dentition, together with gingival	after consultation with specialist	13.2	23.4	18.8	21.5	24.2
	1111 1 duma (1011)	only in a hospital*	15.1	20.3	10.1	21.5	8.1
		refer to dental specialist*	50.9	42.2	56.5	36.9	53.2
		routine office treatment*	90.6	85.9	73.9	76.9	66.1
2.	An arthritic 64-year-old man with moderate periodontal	after consultation with specialist	9.4	12.5	20.3	16.9	24.2
	disease	only in a hospital	-	-	-	1.5	1.6
		refer to dental specialist	-	-	4.3	4.6	6.4
	•	routine office treatment*	66.0	40.6	36.2	69.0	56.4
3.	A blind and deaf nations with marked cincivitie	after consultation with specialist*	15.1	26.6	31.9	16.9	24.2
	a serve das cont protons when marked Sengersons	only in a hospital	• _	-	2.9	3.1	3.2
·	······································	refer to dental specialist	18.9	31.2	29.0	20.0	14.5
	· · ·	routine office treatment	7.5	1.6	2.9	3.1	4.8
4.	An 18-year-old hemophiliac with deep carious lesions	after consultation with specialist*	34.0	40.6	36.2	26.1	37.1
	in several maxillary teeth	only in a hospital	37.7	37.5	23.2	41.5	24.2
		refer to dental specialist	20.7	17.2	37.7	29.2	30.6
	•	routine office treatment*	73.6	71.9	75.4	84.6	66.1
5.	A cooperative 12-year-old boy with Down's syndrome,	after consultation with specialist	11.3	20.3 ·	17.4	, 12.3	24.2
	carious lesions in several teeth, and severe gingivitis	only in a hospital	-	1.6	· •	1.5	
	· · · · · · · · · · · · · · · · · · ·	refer to dental specialist	13.2	4.7	7.2	1.5	6.4
•		routine office treatment	13.2	4.7	4.3	3.1	4.8
6.	A severely hypertensive 58-year-old man in need	after consultation with specialist	45.3	54.7	40.6	38.5	51.6
	of gingivectomies	only in a hospital*	22.6	14.1	8.7	18.5	11.3
	· · · · · · · · · · · · · · · · · · ·	rofer to dental specialist*	18.9	25.0	46.4	40.0	30.6
	v I	routine office treatment	13.2	23.4	23.2	29.2	22.6
7.	An 8-year-old girl with leukemia in remission who has	after consultation with specialist*	49.1	54.7	59.4	49.2	56.4
	large carious lesions in three primary teeth	only in a hospital	18.9	6.2	5.8	7.7	8.1
	ά. -	refer to dental specialist	18.9	12.5	11.6	12.3.	9.7
		routing office treatment*	49.1	46.9	59.4	50.8	51.6
8.	A moderately retarded, cerebral-palaied 13-year-old	after Consultation with specialist	22.6	17.2	17.4	18.5	22.6
	boy with a dentoalveolar abscess	only in a hospital	3.8	1.6	4.3	7.7	6.4
			24.5	. 29.7	18.8	21.5	16.1

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Note. Tôtal percentages may differ from 100 because of omissions and rounding error.

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	Description of Patient	Alternative Treatment	1974	1975	1976	<u> </u>	1978
	o	routino offico treatment	3.8	20.3	8.7	13.8	14.5
•	A 40-year-old edentulous woman with an unrepaired	aftor consultation with specialist	7.5	17.2	26.1	9.2	19.3
	is in need of a prosthesis	only in a hospital	-	-	1.4	-	1.6
-	· · · · · · · · · · · · · · · · · · ·	refer to dental specialist*	88.7	60.9	63.8	76.9	62.9
	*	routine office treatment*	86.8	78.1	82.6	83.1	69.3
LO.	A 24-year-old moderatoly retarded man with controlled	after consultation with specialist*	11.3	17.2	13.0	13.8	22.6
	epilepsy and carious lesions in two molars	only in a hospital	-	1.6 •	-	1.5	3.2
		refer to dental specialist	1.9	1.6	. 4.3	1.5	1.6
	۵.	routine office treatment	20.7	10.9	13.0	10.8	14.5
,	A coverely retarded 18-year-old in need of cincingatenies	after consultation with specialist	7.5	12.5	8.7	6.1	14.5
.1.	A severely retarded to-year-old in need of gingivectomies	only in a hospital	11.3	28.1	7.2	33.8	12.9
		xofor to dental specialist*	60.4	46.9	71.0	49.2	51.6
		routine office treatment	26.4	17.2	24.6	32.3	41.9
12.	A 48-year-old woman with a prosthetic cardiac heart valve	after consultation with specialist*	58.5	65.6	58.0	46.1	43.5
	replacement who is in need of a pulp extirpation	only in a hospital	9.4	3.1	2.9	7.7	3.2
		xofor to dental specialist	5.7	12.5	13.0	13.8	9.7
		routine office treatment	11.3	9.4	13.0	4.6	8.1
•		after consultation with specialist	9.4	10.9	7.2	6.1	19.3
.3.	A severely retarded 18-year-old in need of an apicoectomy	only in a hospital*	5.7	17.2	8.7	21.5	11.3
	۰ (۱	rofor to dental aperialists	73.6	60.9	69.6	67.7	59.7
		routine office treatment*	41.5 .	34.4	47.8	53.8	33.9
	· · · · · · · · · · · · · · · · · · ·	after consultation with specialist	28.3	28.1	27.5	21.5	17.7
L4.	An 8-year-old autistic child with fractured anterior teeth	only in a hospital	1.9	6.2	1.4	3.1	9.7
		rofor to dental specialist	26.4	29.7	<u> </u>	21.5	37.1
		routing office treatment*	79.2	65.6	82.6	78.5	69.3
15.	A 6-year-old moderately retarded girl with a repaired	after consultation with specialist	13.2	25.0	10.1	9.2	19.3
	cleft palate and dental caries	only in a hospital 📎	-	-	-	-	1.6
		refer to dental apocialist	7.5	7.8	7.2	12.3	8.1
~		routine office treatment	5.7		5.8	6.1	4.8
6.	A Sh-year-old man with a bistory of two opisodes of	after consultation with specialist	35.8	35.9	36.2	29.2	41.9
	stroke who, is in need of cultiple extractions	only in a hospital*	30.2	23.4	10.1	27.7	14.5
		rofor to dental specialist*	28.3	37.5	46.4	36.9	35.5
_		routine office treatment	52.8	40.6	46.4	58.5	50.0
7.	A blind and deaf 6-year-old boy with a badly decayed	after consultation with specialist	9.4	23.4	15.9	15.4	11.3
	molar that must be extracted	onlu in a hospital*	1.9	1.6	1.4	6.1	6.4
		refer to dental apogialist*	35.8	29.7	36.2	20.0	29.0

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	Description of Patient	Alternative Treatment	<u>1974</u>		1976	1977	1978
		routine office treatment	34.0	17.2	21.7	.23.1	° 27.4
18.	A severely retarded 16-year-old in need of a pulp	after consultation with specialist	3.8	9.4	5.8	4.6	21.0
	extirpation	only in a hospital*	1.9	15.6	8.7	.15.4	8.1
-		refer to dental specialist*	60.4	54.7	63:8	56.9	41.9
	· · · · · · · · · · · · · · · · · · ·	routino office treatment*	50.9	45.3	52.2	72.3	50.0
19.	A 16-year-old boy with muscular dystrophy and carious	after consultation with specialist	22.6	35.9) 31.9	18.5	32.3
	lesions in several teeth	only in a hospital	1.9	1.6	5.8		3.2
	•	rofor to dental specialist	24.5	14.1	10.1	<u>9.2</u>	12.9
		routine office treatment	77.4	56.2	43.5	61.5	51.6
20.	An 18-year-old moderately retarded controlled	after consultation with specialist	9.4	28.1	30.4	16.9	· 19.3
	epileptic with gingival hyperplasia	only in a hospital	1.9	-	-	1.5	8.1
		rofer to dontal specialist*	11.3	12.5	26.1	20.0	17.7
د	•	routine office treatment	41.5	57.8	52.2	47.7	43.5
21.	A 12-year-old girl with a recent history of rheumatic	after consultation with specialist*	45.3	35.9	37.7	38.5	45.2
	fever who is in need of an extraction	only in a hospital	5.7	2 - 2 N.	2.9	6.1	3.2
		refor to dental apecialist	7.5	3.1	7.2	7.7	6.4
		routino offico treatment	58.5	45.3	46.4	56.9	41.9
22.	A 48-year-old wohan with multiple aclerosis and	after consultation with specialist	26.4	39.1	40.6	32.3	35.5
	gingival inflammation	only in a hospital 🛛 🎽	3.8	_	1.4	3.1	6.4
		refor to dental specialist	11.3	12.5	10.1	6.1	<u>12.'9</u>
		routing office treatment	5.7	7.8	7.2	3.1	11.3
23.	A 60-year-old fan in need of an obturator for a maxillary defect gegondary to therapy for a gauamous	after consultation with specialist*	7.5	18.7	18.8	6.1	17.7
	cell carcinoma of the hard palato	only in a hespital	3.8		-	3.1	3.2
		refor to dental specialist	83.0	70.3	72.5	87.7	66.1
	•	routine office treatment	-	1.6	2.9	. 3.1	6.4
24.	A 16-year-old hemophiliac with a badly decayed	after consultation with specialist	13.2	. 12.5	18.8	15.4	21.0
	molar that must be extracted	only in a hospital*	54.7	37.5	30.4	33.8	24.2
		refor to dental appelaliat	32.1	40.6	44.9	46.1	45.2
	۲ ۲	routine office treatment*	86.8	65.6	62.3	75.4	62.9
25.	An 18-year-old controlled diabetic in need of singivoplasty	after consultation with specialist*	9.4	26.6	11.6	12.3	17.7
	,	only in a hespital	1.9	-	· ••	1.5	1.6
		rofor to dental aperialist	1.9	4.7	24.6	10.8	16.1

* Alternatives considered as best response to item for newly graduated dentist by advisory committee.

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TABLE 6-2

The Percentage of School Two Students Who Chose Each Patient Treatment Alternative Concerning Different Kinds of Patients, by Year

٠	Description of Patient	Alternative Treatment	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>
_		routing office treatment.	N - 02	N = 00	19 90 19 9	38 7	13 1
1.	A severely retarded 8-year-old girl with extensive caries in the primary dentition, together with	after congultation with specialist	24.2	24.1	20.4	20.7	23.8
	singival inflamation	only in a bornital*	⁶ / 8	2919	17 2	10 7	22.0
•		refer to dental specialist*	62.9	27.0	22 4	20.4	28 6
		routing office treatments	83.0	99 /	87.8	00.3	86.9
2.	An arthritic 64-year-old man with moderate	after consultation with specialist	16 1	8 1	4 8 7	7 5	 11 Q
	periodontal disease	oplu in a hospital		-	1.0	. 1 1	
•	# 1	refer to dental specialist	- -	- 3 4	2 1		_
	· · · · · · · · · · · · · · · · · · ·	routing office treatments	32.3	54.78	<u> </u>	71.0	61.0
•	· · · · · · · · · · · · · · · · · · ·	after consultation with specialist*	38.7	24.4	, 33 C	18.3	16.7
3.	A blind and deaf patient with marked gingivitis	only in a hospital	1.6	2.9	1.0	2.1	2.4
		rofer to dental specialist	27.4	16.3	22.4	8.6	16.7
	· · · · · · · · · · · · · · · · · · ·	routing office treatment	1.6	5.8	- <u>6609</u> 3.1	21	
4.	An 18-year-old hemophiliac with deep carious	after consultation with specialist*	38.7	31.4	26.5	46.2	44.0
	lesions in Several maxillary teeth	only in a hospital	38.7	40.7	49.0	31.2	99 B
		refer to dental specialist	21.0	22.1	. 20.4	20.4	22.6
		routine office treatment*	45.2	80.2	81.6	73.1	64.3
5.	A cooperative 12-year-old boy with Down's syndrome,	after consultation with specialist	50.0	17.4	14.3	20.4	28.6
	carious lesions in several teeth, and severe gingivitis	only in a hospital			2.0	1.1	1.2
	,	rofer to dental specialist	4.8	1.2	240	. 4.3	2.4
		routine office treatment	° 1.6	5.8	5.1	5.4	8.3
6.	A severely hypertensive 58-year-old man in need	after consultation with specialist	30.6	38.4	32.6	40.9	33.3
	of gingivectomics	only in a hospital*	30.6	24.4	27.5	22.6	26.2
•		refer to dental specialist*	37.1	30.2	32.6	30.1	28.6
		routine office treatment	17.7	10.5	11.2	14.0	10.7
7.	An 8-year-old girl with leukemia in remission who has	after consultation with specialist*	62.9	66.3	61.2	65.6	65.5
	large carious lesions in three primary teeth	only in a hospital	8.1	10.5	14.3	6.4	10.7
		refer to dental specialist	11.3	12.8	13.3	14.0	11.9°
		routine office treatment*	37.1	63.9	65.3	67.7	42.9
8.	A moderately retarded, corebral-palsied 13-year-old	after consultation with specialist	33.9	20.9	21.4	14.0	36.9
	boy with a dentoalveolar abscess	only in a hospital	1.6	2.3	2.0	4.3	1.2
	CC	rofer to dental specialist	27.4	12.8	9.2	11.8	16.7
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•	Description of Patient	Alternative Treatment	1974	1975	1976	1977	1978
9.	A 40-wear-old adoptillous warms with an unreastrad	routine office treatment	1.6	7.0	10.2	<u> </u>	8.3
	complete cleft of the ward and soft palates who	after consultation with specialist	8.1	16.3	14.3	20.4	16.7
	is in need of a proschesis	only in a hospital	·	; 	1.0	2.1.	1.2
-	t i	refer to dental specialist*	90.3	76.7	73.5	68.8	72.6
		routine office treatment*	64.5	86.0	83.7	76.3	66.7
10.	A 24-year-old moderately retarded man with controlled	after consultation with specialist*	27.4	10.5	15-3	22.6	29.8
	epilepsy and carious lesions in two molars	only in a hospital	-		1.0	_	1.2
	<u>ه</u>	refer to deptal specialist	8.1	3.5		-	1.2
		routine office treatment	1.6	24.4	24.5	30.1	15.5
· 11.	A severely retarded 18-year-old in need of gingivestomics	after consultation with specialist	16.1	.12.8	19.4	18.3	15.5
	a construction of the second sec	only in a hospital	12.9	16.3	17.3	11.8	30.9
		refer to dental specialist*	69.3	43.0	36.7	39.8	35.7
		routine office treatment	22.6	20.9	22.4	16.1	40.5
12.	A 48-year-old woman with a prosthetic cardiac heart valve	after consultation with specialist*	54.8	47.7	55.1	68.8	47.6
	replacement who is in need of a pulp extirpation	only in a hospital	9.7	17.4	8.2	9.7	5.9
-	· · · · · · · · · · · · · · · · · · ·	refer to dental specialist	12.9	11.6	14.3	5.4	3.6
•		routine office treatment	6.4	20.9	28.6	28.0	13.1
13.	A severely retarded 18-year-old in need of an anicoectomy	after consultation with specialist	12.9	11.6	8.2	10.7	9.5
	in the second seco	Only in a hospital*	11.3	17.4	12.2	10.7	26.2
		refer to dental specialist*	69.3	50.0 -	49.0	50.5	48.8
	· ·	routine office treatment*	21.0	45.3	48.0	47.3	25.0
14.	An 8-year-old autistic child with fractured enterior tooth	after consultation with specialist	21.0	31.4	26.5	28.0	29.8
		only in a hospital	1.6	2.3	5.1	3.2	7.1
		refer to dental specialist	56.4	18.6	18.4	21.5	35.7
	.) 	routine office treatment*	58.1	74.4	76.5	84.9	71.4
15.	A 6-year-old moderately, retarded girl with a repaired	after consultation with specialist	27.4	13.9	14.3	8.6	20.2
	cleft palate and dental caries	only in a hospital	-	1.2	2.0	-	<u>.</u>
•0	·	refer to dental specialist	12.9	8.1	6.1	6.4.	5.9
		routine office treatment	-	2.3	3.1	1.1	1.2
16.	A 56-year-old man with a history of two episodes of	after consultation with specialist	21.0	26.7	22.4	26.9	44.0
· · ·	stroke who is in need of multiple extractions	Only in a hospital*	30.6	32.6	39.8	29.0	26.2
	\ \ \ \ \	refer to dental specialist*	48.4	37.2	33.7	43.0	26.2
	,	routine office treatment	17.7	50.0	49.0	59.1	44.0
17.	A blind and deaf 6-year-old boy with a badly decayed	after Consultation with specialist	35.5	17.4	15.3	23.7	.16.7
	molar that must be extracted	only in a hospital*	1.6	4.6	4.1	3.2	1 319
		refer to dental specialist*	45.2	26.7	31 6	11 8	30.0

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	Description of Patient	Alternative Treatment	1974	_1975_	<u>1976</u>	_ 1977	1978
		routine office treatment	11.3	40.7	49.0	52.7	23.8
18.	A severely retarded 16-year-old in need of a pulp extirpation	after consultation with specialist	22.6	12.8	14.3	18.3	20.2
		only in a hospital*	3.2	12.8	10.2	4.3	21.4
<u></u>		refer to dental specialist*	62.9	33.7	25.5	23.7	33.3
	1	routine office treatment*	27.4	67.4	60.2	72.0	54.8
19.	A 16-year-old boy with muscular dystrophy and carious	after consultation with specialist	41.9	26.7	29.6	21,5	38.1
	lesions in several teeth	only in a hospital	4.8		5.1		-
		refer to dental specialist	25.8	4.6	4.1	6.4	5.9
		routine office treatment	37.1	66.3	51.0 [,]	51.6	46.4
20.	An 18-year-old moderately retarded controlled (after consultation with specialist	37.1	17.4	19.4	36.6	30,9
	epileptic with gingival hyperplasia	only in a hospital	-	-	3.1	2.1	3.6
		refer to dental specialist*	25.8	16.3	26.5	9.7	17.9
		routine office treatment	35.5 °	41.9	33.7	29.0	32.1
21.	A 12-year-old girl with a recent history of rheumatic	after consultation with specialist*	48.4	48.8	45.9	60.2	60.7
	fever who is in need of an extraction	only in a hospital	3.2	3.5	7.1	2.1	3.6
		refer to dental specialist	12.9	4.6	12.2	8.6	1.2
	-	routine office treatment*	33-9	63.9	53.1	55.9	
22.	A 48-year-old woman with multiple sclerosis and	after consultation with specialist	54.8	26.7	34.7	35.5	36.9
	gingival inflammation	only in a hospital	_ /		1.0	-	-
		refer to dental specialist	9.7	7.0	11.2	8.6	5.9
23	A 60-year-old map in pood of an obturator for a	routine office treatment	3.2	3.5	18.2	8.6	3.6
23.	maxillary defect secondary to therapy for a squamous	after consultation with specialist*	3.2	15.1	10.2	18.3	10.7
	cell carcinoma of the hard palate	only in a hospital	_	-	1.0	1.1	_
		réfer to dental specialist	93.5	81.4	79.6	72.0	83.3
		routine office treatment		-	4.1	1.1	-
24.	A 16-year-old hemophiliac with a badly decayed	after consultation with specialist	16.1	26.7	13.3	22,6	22.6
	molar that must be extracted	only in a hospital*	33.9	40.7 [°]	36.7	33.3	29.8
	1	refer to dental specialist	50.0	32.6	43.9	41.9	44.0
		routine office treatment*	56.4	62.8	51.0	52.7	50.0
25	An 19-year-old controlled disbasis in pool of station law	Tafter consultation with specialist*	32.3	25.6	30.6	34.4	39.3
23.	An io-year-oru controlled diabetic in need of gingivoplasty	only in a hospital	-	-	1.0	1.1	1.2
		refer to dental apocialist	11.3	11.6	17.3	11.8	8.3

*Alternatives selected by advisory committee. Total percentages may differ from 100 because of omissions and rounding error.

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	Description of Patient	<u>Alternative Treatment</u>	<u>1974</u>	1975	1976**	<u>1977**</u>	1978*
	•		N = 35	N = 37			
	A severely retarded 8-year-old girl with extensive	routine office treatment	14.3	10.8			
	caries in the primary dentition, together with	' after consultation with specialist	14.3	27.0		•	
	gingival inflammation	only in a hospital*	14.3	-		۰,	
		refer to dental specialist*	54.3	59.5	<u>, </u>		
		routine office treatment*	8 0. 0 - "	70.3		. ·	
•	An arthritic 64-year-old man with moderate	after consultation with specialist	20.0	21.6	•		
	periodontal disease	only in a hospital	-	-	1		
		refer to dental specialist	-	5.4	•		
	ан сан сан сан сан сан сан сан сан сан с	routine office treatment*	28.6	43.2	1 ; .		
	A blind and doof patient with marked simplified to	after consultation with specialist*	57.1 ⁻	24.3		•	
•	A blind and deat patient with marked gingivitis .	only in a hospital	2.9	•2.7	•		
		refer to dental specialist	11.4	29,7	•	·	
		routine office treatment	-	2.7			· ·
	An 18-year-old hemophiliac with deep carlous	after consultation with specialist*	20.0	21.6	• • •		
	lesions in several maxillary teeth	only in a hospital	54:3	43.2			•
		refer to dental specialist	25.7	32.4	0	5	
		routing office treatment*	45.7	35.1			
	A cooperative 12-year-old boy with Down's syndrome.	after consultation with specialist	42.9	45.9		Å	•
•	carious lesions in several teeth, and severe gingivitio:	onlu in a hospital	2.9	-		-	, .
		refer to dental specialist	8.6	18.9		•	
_		routing office treatment	. °		· · · · ·		,
	A severely hypertensive 58-year-old man in need	after consultation with specialist	28.6	43.2			
• •	of ^p gingivectomies	only in a bospital*	25.7·	16.2			
	P 1	refer to dental specialist*	45.7	40.5			
		routing office treatment	5.7	13.5	•	1	
	An R-waar-ald cirl with lawkamia in ramigaton who has	after consultation with specialist*	68.6	51.3		· 1	
•	large carious lesions in three primary teeth	only in a hospital	11.4	13.5		• • `	· · ·
	, I	The mospical	14.3	21.6			
	1	muting office treatments	31 4	37 8 3	•		
	A		42 YO	20 7		, .	
•	A moderately retarded, cerebral-paisied 13-year-old boy with a dentoalveolar abscess	arter consultation with specialist	42.7	2711 271	`		
		oniu in a nospital	2.9.	2.1			

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TABLE 6-3

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	Depertprion of Patient	Alternative Treatment	1974	1975	1976**	1977**	1978**
0	A 40-year-ald addressions with an unrangized	routine office treatment	8.6	10.8			
<i>.</i>	complete cleft of the hard and soft palates who	after consultation with specialist	14.3	16.2		4	
٠	is in need of a prosthesis	only in a hospital		2.7	•	9	
	·	rofor to dental specialist*	74.3	70.3			
	•	routine office treatment*	65.7	51.3			
10.	A 24-year-old moderately retarded man with controlled	after consultation with specialist*	31.4	40.5			
,	epilepsy and carious lesions in two molars	only in a hospital		2.7			
	· · · · · · · · · · · · · · · · · · ·	refer to dental specialist	2.9	5.4	·		
	•	routine office treatment	2.9	10.8	,		•
11	A severally reported 18-year-old in need of singly esterior	after consultation with specialist	8.6	16.2		•	
	A Beverery related in-year-ord in need of gringiveeloures	only in a hospital	14.3	5.4	c	•	
•	· · · · · · · · · · · · · · · · · · ·	rofor to dental specialist*	74.3	67.6	4		~
. —		routine office treatment	14.3	18.9			*
12.	A 48-year-old woman with a prosthetic cardiac heart valve	after consultation with specialist*	54.3	48.6		•	
	replacement who is in need of a pulp extirpation	only in a hospital	17.1	24.3			,
•		refer to dental specialist	14.3	8.1		•	•
		routine office treatment	8.6	13.5	•	ċ	
• •		after consultation with specialist	5.7	10.8	•		
13.	A severely recarded 10-year-old in need of an apicoeccomy	only in a hospital*	5.7	8.1	u		. '
		refer to dental specialist*	80.0	67.6			
		routine office treatment*	20.0	32.4			•
••	the Quere all a staste shill with Amonumal appointed tooth	after consultation with specialist	37.1	13.5			* . C
14.	An o-year-plu autistic chila with fractures anterior testh	only in a hospital	2.9	2.7			
	۲	refer to dental specialist	37.1	45.9	· · · · ·		
	A	routine office treatment*	68.6	45.9			
15.	A 6-year-old moderately retarded girl with a repaired	after consultation with specialist	14.3	29.7			
	cleft palate and dental caries	only in a hospital		2.7			
	V	refer to dental specialist	1711	18.9			
-		routing office treatment	4.				
16.	A 56-year-old man with a history of two epigodes of	after consultation with specialist	25.7	35.1			
	stroke who is in need of multiple extractions	onlu in a hospital*	25.7	16.2		•	
		rofor to dental apecialist*	48.6	45.9			
		routine office treatment	20.0	32.4			
17.	A blind and deaf 6-year-old boy with a badly decayed	aftor consultation with specialist	25.7	16.2			١
	molar that must be extracted	only in a hospital*	2.9	5.4			
		refer to deptal apecialist*	51.4	45.9			
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,	Description of Patient	Alternative Treatment	1974	1975	1976**	1977**	1978**
	۵ ب	routine office treatment	14.3	13.5			
18.	A severely retarded 16-year-old in need of a pulp	after consultation with specialist	14.3	18.9			
	extirpation	only in a hospital*	2.9	5.4			
	•	refer to dental apecialist*	68.6	62.2	<u> </u>		
	ана стана стана Стана стана стан	routine office treatment*	37.1	24.3			
19.	A 16-year-old boy with muscular dystrophy and carious	after consultation with specialist	37.1	48.6			
:	lesions in several teeth	only in a hospital	2.9	2.7			•
		refer to dental specialist	22.9	24.3			
		routine office treatment.	42.9	43.2	, =		
żo.`	An 18-year-old moderately retarded controlled	after consultation with specialist	42.9	35.1	• *	•	. * * .
	epiloptic with gingival hypprplagia	only in a hospital	2.9	2.7			
	а ^в	refer to dental specialist*	11.4	18.9			
		routine office treatment	22.9	29.7		s •	
21.	A 12-year-old girl with a recent history of rheumatic	after consultation with specialist*	71.4	62.2			
•	fever who is in need of an extraction	only in a hospital	5.7	5.4			
		refer to dental specialist		2.7			
		routind office treatment*	42.9	27.0	• • •		• • =
22.	A 48-year-old woman with multiple sclerosis and	after consultation with specialist	34.3	56.8			• • • •
	gingival inflammation .	only in a hospital	5.7	2.7			
		refer to dental specialist	17.1_	13.5			
•	· · ·	routine office treatment	17.1	2.7	,		
23.	A 60-year-old man in need of an electron for a	after consultation with specialist*	11.4	10.8			•
	maxillary defect secondary to therapy for a squamous	only in a hospital	-	9.4	`	·	
		refor to dental specialist	71.4	81.1		0	:
:	,	routine office treatment		2.7			
24.	A 16-year-old hemophilfac with a badly decayed	after consultation with specialist	17.1	18.9			
	molar that must be extracted	only in a hospital*	37.1	37.8			*
	· · · · · · · · · · · · · · · · · · ·	refer to dental specialist	45.7	40.51	, 		
	•	routine office treatment*	48.6	40.5	ė		
5.	An 18-year-old controlled diabetic in need of gingivoplasty	after consultation with specialist*	40.0	51.3		•	
		only in a hospital	5.7	2.7			
	1		67	5 /			

• * Alternative selected by advisory committee. Total percentages may differ from 100 because of omissions and rounding error. **Data not available for this year

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TABLE 6-4

The Percentage of School Four Students Who Chose Each Patient Treatment Alternative Concerning Different Kinds of Patients, by Year

	Description of Patient	Alternative Treatment	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977**</u> <u>1978</u>
		routing office treatment	13.0	22.6	13.4	12.3
1. \	A severaly retarded 8-year-old girl with extensive caries in the primary dentition, together with	after consultation with specialist	26.1	32.1	36.6	22.9
	gingival inflammation	only^in a hospital*	39.1	19.8	26.8	35.2
		refer to dental specialist*	21.7	23.6	23.2	- 27.9
		routine office treatment*	91.3	83.0	75.0	. 83.6
2.	An arthritic 64-year-old man with moderate	after consultation with specialist	4.3	13.2	23.2	14.7
	periodontal disease	only in a hospital	 '	0.9	-	-
	• •	refor to dental specialist	4.3	0.9	1.8	
	· · · · · ·	routine office treatment*	60.9	60.4	54.5	46.7
1	A blind and deaf notions with more adaptivities	 after consultation with specialist* 	21.7	24.5	33.9	29.5
J.	a bind and dear patrone with marked gangivitie	only in a hospital	4.3	1.9	1.8	1.6
		rofer to dental specialist	13.0	8.5	9.8	20.5
		routine office treatment	4.3	1.9	0.9	
4.	An 18-year-old hemophiliac with deep carious	after consultation with specialist*	21.7	35.8	31.2	24.6
	lesions in several maxillary teeth	only in a hospital	56.5	45.3	41.1	44.3
		rofor to dental specialist	13.0	14.1	25.9	29.5
		routine office treatment*	65.2	69.8	67.0	62.3
s.	A cooperative 12-year-old boy with Down's syndrome,	aftor consultation with specialist	30.4	21.7	29.5	32.8
	carious lesions in several teeth, and severe gingivitis	only in a hospital	4.3	1.9	0.9	0.8
	· · · · · · · · · · · · · · · · · · ·	refer to dental appelalist		2.8	2.7	1.6
		a routine office treatment	13.0	10.4	4.5	4.1
6.	A severely hypertensive 58-year-old man in need	after consultation with specialist	47.8	62.3	53.6	76.2
	of gingivectomics	only in a hospital*	26.1	12.3	24.1	12.3
		refer to dental specialist*	13.0	12.3	17.9	5.7
		routine office treatment	13.0	14.1	11.6	6.6
7.	An 8-year-old girl with leukemia in remission who has	after consultation with specialist*	69.6	62.3	°69.6	66.4
	large carious lesions in three primary teeth	only in a hospital	13.0	15.1	10.7	14.7
	<i>b</i>	refer to dental specialist	4.3	4.7	8.0	9.8
		routine office treatment*	60.9	62.3	55.4	40.2
8.	A moderately retarded, corobral-palsied 13-year-old	ofter consultation with specialist	30.4	20.7	29.5	36.9
	boy with a dentoalveolar abscess	only in a hospital	8.7	4.7	2.7	7.4
		rofor to dental sposialist	-	9.4	11.6	13.1
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	Description of + Patient	Alternative Treatment	1974	1975	1976	1977**	<u>1978</u>
9.	A 40-year-old edentulous woman with an unrepaired	routing office treatment	- .	7.5	7.5 1.8	6.6	
	complete cleft of the hard and soft palates who	after consultation with specialist	8.7	11.3	10.7		11.5
	18 in neca or a prostnesis	only in a hospital	-	0.9	2.7		0.8
		refer to dental specialist*	91.3	78.3	<u> </u>		79.5
	,	routine office treatment*	56.5	70.7	66.1		66.4
10.	A 24-year-old moderately retarded man with controlled	after consultation with specialist*	43.5	22.6	29.5		28.7
	epilepsy and carlous lesions in two molars	only in a hospital	8	0.9	0.9		2.5
		refer to dental specialist	43 	4.7	1.8	9	13
	· · ·	routine office treatment	17.4	18.9	9.8	o	11.5
11.	A severely retarded 18-year-old in need of administration	after consultation with specialist	13.0	24.5	31.2		19.7
	۰ ، ،	only in a hospital	30.4	25.5	23.2		36.9
		rofer to dental specialist*	34.8	29.2	33.0		30.3
	۰.	routine office treatment	17.4	7.5	5.4		16.4
12.	A 48-year-old woman with a prosthetic cardiac heart valve	after consultation with opecialist*	65.2	66.0	73.2		63.9
	replacement who is in need of a pulp extirpation	only in a hospital	17.4	19.1	9.8	i	9.0
	·	rofor to dental apocialist	**	9.4	9.8		9.0
1		routine office treatment	4.3	11.3	8.9	ò	2.5
13.	A severely retarded 18-year-old in need of an apicoectomy	after consultation with opecialist	4.3	· 14.1 ·	14.3		11.5
	: · · · · · · · · · · · · · · · · · · ·	only in a hospital*	39.ļ	19.8	17.0		20.5
		rofer to dental specialists	47.8	53.8	58.9		63.9
	,	routine office treatment*	34.8	40.6	35.7		32.8
14.	An 8-year-old autistic child with fractured anterior teeth	aftor consultation with specialist	30.4	29.2	39.3	•	37.7
		only in a hospital	-	5.7	5.4		7.4
<u> </u>		refer to dental specialist	26.1	20.7	19.6		20.5
	. ,	routine office treatment*	87.0	71.7	59.8	•	64.7
15.	A 6-year-old moderately retarded girl with a repaired	aftor consultation with specialist	8.7	20.7	26.8	0	20.5
	cleft palate and dental carles	only in a hospital	-	1.9	1.8		2.5
		refer to dental specialist	4.3	4.7	11.6		9.8
	,	routino offico treatment	4.3	4.7	-		1.6
16.	A 56-year-old man with a history of two episodes of	after consultation with specialist	39.1	40%6	31.2		\$3.3
	stroke who is in need of multiple extractions	only in a heppital*	47.8	34.9	42.0		21.3
		rofor to dental specialist* '	8.7	17.0	25.9		20.5
		routine office treatment	39.1	92.8	29.5		34.4
17.	A blind and deaf 6-year-old boy with a badly decayed	after consultation with specialist	30.4	19.8	34.8	1	22.9
	molar that must be extracted	only in a hospital*	13.0	10.4	7.1	3	6.6
		rofor to dental apecialist*	17.4	14.1	25.0		32.0

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	Description of Patient	Alternative Treatment	1974	1975	1976	1977**	197,8	
سر		routine office treatment	26.1	31:1	24.1	15 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	17.2	•
18.	A severely retarded 16-year-old in need of a pulp \checkmark	after consultation with specialist	17.4	27.4	29.5 0		15.6	
	extirpation	only in a hospital*	. 34.8	14.1	8.9	•	26.2	
	<u>)</u>	<u>refer to dental specialist*</u>	21.7	26.4	37.5	·	38.5	
		routine office treatment*	47.8	55.7	48.2		44.3	,
19.	A 16-year-bld boy with muscular dystrophy and carlous	after consultation with specialist	39.1	∘31.1	37.5	р.	35.2	
	lesions in several teeth	$_{s}$ only in a hospital	8.7 .	6.6	4.5		10.7	
		refer to dental specialist	4.3	4.7	9.8		8.2	
		routine office treatment	56,5	53.8	48.2		54.9	
0.	An 18-year-old moderately retarded controlled	after consultation with specialist	30.4	35.8	38.4		32.0	
	epileptic with gingival hyperplasia	only in a hospital	4.3	1.9	1.8	0	5.7	
		refer to dental specialist*	8.7	7.5	10.7		4.1	
	· · · · · · · · · · · · · · · · · · ·	routine office treatment	52.2	38.7	24.1	8	20.5	•
1.	A l2-year-old girl with a recent history of rheumatic	after consultation with specialist*	47.8	55.7	65.2		71.3	
	fever who is in negd of an extraction	only in a hospital	<u> </u>	- .	2.7		3.3	
		refer to dental specialist		4.7	7.1	•	3.3	
	0	routine office treatment*	39.1	50.9	34.8		45.1	
2.	A 48-year-old woman with multiple sclerosis and	after consultation with specialist	.60.9	35.8	56.2		42.6	
	gin val inflammation	only in a hospital	-	4.7	3.6	Ð	2.5	
	. D	refer to dental specialist		5.7	3.6		7.4	
		routine office treatment	4.3	1.9	1.8		4.9	
3.	A 60-year-old man in need of an obturator for a maxillary defect secondary to therapy for a squamous	after consultation with specialist*	4.3	11.3	6.2		7.4	
•	cell carcinoma of the hard palate	only in a hospital	-	0.9 ,	° 1.8	•	·0.8 -	•
	· · · · · · · · · · · · · · · · · · ·	refer to dental_specialist	91.3	83.0	90.2		85.2	
		routine office treatment	-	0.9	0.9		_	
4.	A 16-year-old hemophiliac with a badly decayed	after consultation with specialist \degree	8.7	19.8'	15/.2		10.7	
	molar that must be extracted	only in a hospital*	69.6	52.8	45.5	<i>.</i>	48.4	
	· · · · · · · · · · · · · · · · · · ·	refer to dental specialist	21.7	23.6	36.6		39.3	
		routine office treatment*	52.2	65.1	43.7	•	62.3	
5.	An 18-year-old controlled dispersion in need of character-leave	after consultation with specialist*	43.5	32.1 .	49.1	•	35,2	
	10 year old concrotice diabetic in need of gingivoplasty	only in a hospital	-	-	2.7		0.8	
		•						

* Alternatives selected by advisory committee. Total percentages may differ from 100 because of omissions and rounding error.« **Data not available for this year.

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figures for those choosing the preferred alternatives was 57.9, 54.9, 55.4, and 53.9. It should be remembered that the small number of students included in 1974 probably were not representative of the total student body.

School 05 showed the following average percentages for those choosing "routine office treatment": 31.9 in 1974, 36.5 in 1975, 41.4 in 1976, 36.5 in 1977, and 40.0 in 1978. Corresponding values for preferred alternatives were: 55.3, 56.5, 58.7, 57.3, and 59.1. Here there does seem to be a slight trend toward choosing "routine office treatment" and also towards agreement with the advisory committee's preferred alternatives.

School 06 was represented in 1974 through 1977, but with reduced numbers of cases in 1974 and 1977. Average percentages choosing "routine office treatment" over the four years were 35.6, 33.4, 42.0, and 45.5. Average percentages choosing the preferred alternatives were 56.2, 53.2, 58.7, and 59.0.

At School 07, the average percentages choosing "routine office treatment" were 34.4 in 1974, 35.8 in 1975, 36.4 in 1976, 33.8 in 1977, and 37.5 in 1978. Average percentages choosing the preferred alternatives were: 53.0, 51.9, 55.3, 53.5, and 57.3. In both instances, there may be a modest trend toward increasing agreement with the advisory committee's choices.

At School 08, the average percentages choosing "routine office treatment" were 29.8, 38.3, 34.0, 39.2, and 17.8. The average percentages choosing the preferred alternatives were 58.1, 53.0, 53.7, 57.3, and 32.7. The low averages in 1978 for both categories apparently came about because of a large increase in failure to respond, rather than because of students selecting choices different from those picked in the prior years.

TABLE 6-5

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The Percentage of School Five Students Who Chose Each Patient Treatment Alternative Concerning Different Kinds of Patients, by Year

	Description of Patient	Alternative Treatment	1974	1975	1976	1977	1978
		•	N == 89	N = 125	N ≈ 118	N = 98	N = 115
1.	A severely retarded 8-year-old girl with extensive caries in the primary dentition, together with	routine office treatment	14.6	23.2	20.3	20.4	.16.5
	gingival inflammation	after consultation with specialist	13.5	24.0	29.7	26.5	25.2
æ		only in a hospital*	11.2	8.8	16.9	9.2	13.9
	o	refer to dental specialist*	59.5	40.8	31.4	43.9	44.3
	•	routine, office treatment*	86.5 [·]	90.4	94.9	' 89.8	92.2-
2.	An arthritic 64-year-old man with moderate	after consultation with specialist	11.2	7.2	3.4	9.2	6.1
		only in a hospital	-	0.8	-	- '	~
		refer to dental specialist	1.1	0.8	1.7	-	1.7
		routine office treatment*	36.0	38.4	59.3	42.9	44.3
1	A blind and deaf notions with marked gingluitie	after consultation with specialist*	29.2	29.6	22.0	40.8	32.2
<i>.</i>	n bille and deal patient with marked gangivitie	only in a hospital	2.2	2.4	1.7	1.0	1.7
		refer to dental_specialist	31.5	25.6	16.9	14.3	21.7
		routine office treatment	9.0	2.4	5.9	7.Ì	8.7
4.	An 18-year-old hemophiliac with deep carious	after consultation with specialist*	36.0	29.6	52.5	51.0	47.8
	lesions in several maxillary teeth	only in a hospital	33.7	48.0	25.4	26.5	26.1
		refersto dental specialist	20.2	15.2	13.6	15.3	17.4
		routine office treatment*	57.3	70.4	84.7	77.5	79.1
5.	A cooperative 12-year-old boy with Down's syndrome,	after consultation with specialist	28.1	24.0	9.3	15.3	20.0
•	carious lesions in several teeth, and severe gingivitis	only in a hospital	3.4	• -	0.8	-	-
		refer to dental specialist	10.1	3.2	5.1	5.1	0.9
		routine office treatment	4.5	5.6	7.6	7.1	2.6
6.	A neverely hypertensive 58-year-old man in need	after consultation with specialist	44.9	42.4	42.4	39.8	40.0
	of gingivectomies	onlu in a hospital*	11.2	14.4	16.1	15.3	13.0
		refer to dental specialist*	38.2	33.6	33.9	34.7	43.5
		routine office treatment	16.8	20.8	14.4	: 11.2	16.5
7	An 8-year-old girl with leukemia in remission who has	after congultation with specialist*	65 2	59.2	58 5	62.3	61.7
<i>'</i> .	large carloys lesions in three primary teeth	only in a hoghital	7 0	10 4	10.2	9.2	11 3
		refer to destal anomialist	` <u>0</u> 0	6 /	16.2	12 2	10.4
	\	renting office to the state	22.0	51.0	50 2	50.0	56 5
_		routine office treatment"	، دد - ۸۰	22.2	22.2	0.UC	26.1
8.	A moderately retarded, cerebral-paisied 13-year-old	arter consultation with specialist	24.1	23.2	22.0	27.5	20.1
	• •	oniy in a hospital	-	1.0	2.5	4.1	
		refer to dental specialist	39.3	21.6	16.1	18.4	16.5

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	Description of Patient	• <u>Alternative Treatment</u>	1974	1975	1976	1977	1978
	•	routine office treatment	12.4	10.4	7.6	4.1	2.6
9.	A 40-year-old edentulous woman with an unrepaired	after consultation with specialist	19.1	.8	10.2	8-12	8.7
	is in need of a prosthesis	only in a hospital	2.2	-	0.8	-	0.9
	•	refer to dental specialist*	65.Ž	79.2	81.4	P86.7	87.0
		routine office treatment*	66.3	81.6	189.8	85.7	81.7
10.	A 24-year-old moderately regarded man with controlled	after consultation with specialist*	28.1	14.4	9.3	12.2	14.8
	epilepsy and carious lesions in two molars	only in a hospital	1.1		-	2.0	-
	·	refer to dental specialist	3.4	3.2	0.8	***	3.5
		routine office treatment	5.6	12.0	13.6	8.2	7.0
1	A neverally retarded 18-year-old in need of singly estemics	after consultation with specialist	13.5	10.4	11.9	11.2	13.9
	w develery related to year ord in need of gingivercomies	only in a hospital	7.9	8.0	. 16.1	9.2	9.6
		refor to dental specialist*	71.9	68.0	58.5	69.4	69.6
		routing office treatment	42.7	46.4	48.3	48.0	64.3
2.	A 48-year-old woman with a proothetic cardiac heart valve	aftor consultation with specialist*	47.2	-44.0	43.2	° 38.8	31.3
•	replacement who is in need of a pulp extirpation	only in a hospital	1.1	3.2	3.4	4.1°,	2.6
	· · · · · · · · · · · · · · · · · · ·	refor to dental specialist	6.7	4.8	5.1	9.2	1.7_
	а.	routine office treatment	6.7	5.6	12.7	5.1	5.2
1 3	A coverely reported levent-ald in need of an animoretery	after consultation with specialist	9.0	7.2	5.1	9.2	7.0
	A severely retarded to-year-old in need, of an aprojectomy	only in a hospital*	4.5	8.0	13.6	5.1	6.1
	······································	refer to dental specialist*	78.6	° 77.6	67.8	79.6	80.9
	<u>k</u>	routine office treatment*	16.8	39.2	48.3	38.8	44.3
4	An Revear-old outlatic shild with fractured enterior teach	after consultation with specialist	33.7	24.0	22.9	23.5	29.6
		only in a hospital	1.1	-	3.4	4.1	0.9
	· · · · · · · · · · · · · · · · · · ·	refer to dental specialist	41.6	35.2	25.4	31.6	24.3
		routine office treatment*	71.9	78.4	83.9	74.5	77.4
5.	A 6-year-old moderately retarded girl with a repaired	after consultation with specialist	16.8	12.8	7.6	18.4	18.3
	cleft palate and dental caries .	only in a hospital	1.1	-	0.8	1.0	-
		refer to dental specialist	7.9	7.2	7.6	5.1	4.3
,		routino offico treatment	4.5	5.6	1.7	7.1	4.3
6.	A 56-year-old man with a history of two epicodes of	after consultation with specialist	33.7	40.0	50.8	35.7	39.1
	stroke who is in need of multiple extractions	only in a hospital*	20.2	15.2	20.3	17.3	17.4
	•	refer to dental specialist*	39.3	36.0	26.3	36.7	39.1
		routine office treatment	21.3	33.6	51.7	40.8	37.4
.7.	A blind and deaf 6-year-old boy with a badly decayed	aftor consultation with specialist	28.1	20.0	15.2	21.4	18.3
	molar that must be extracted	only in a hospital*	1.1	0.8	3.4	3.1	3.5
		rofer to dental specialist*	48.3	43.2	28.8	31.6	39.1

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	Description of Patient	Alternative Treatment	1974	1975	1976	1977	1978
	•	routino offico troatment	15.7	19.2	33.0	29.6	33.0
18.	A severely retarded 16-year-old in need of a pulp	aftor consultation with specialist	22.5	12.0	11.9	16.3	13.9
	excirpation	only in a hospital*	-	4.0	7.6	3.1	1.7
		rofor to dental specialist*	60.7	° 63.2_	46.6	51.0	49.6
-	o fa, •	routino offico troatment*	41.6	48.8	58.5	51,.0	69.6
19.	A 16-year-old boy with muscular dystrophy and carious	aftor consultation with specialist	37.1	29.6	31.4	33.7	20.9
	lesions in several teeth	only in a hospital	3.4	4.0	1.7	4.1	-
	0	refer to dental specialist	16.8	15.2	8.5	10.2	8.7_
		routino offico treatment	49.4	63.2	67.8	61.2	59.1
20.	An 18-year-old moderately retarded controlled *	aftor consultation with specialist	34.8	24.0	14.4	27.5	26.1
	epileptic with gingival hyperplasia	only in a hospital 🧹	-	-	0.8	-	-
	•	rofor to dental apecialist*	14.6	10.4	16.9	10.2	14.8
		routino offico treatment	58.4	53.6	55.9	51.0	59.1
21.	A 12-year-old Birl with a recent history of rheumatic	after consultation with specialist*	37.1	40.0	39.0	38.8	34.8
	fever who is in need of an extraction	only in a kospital	1.1	0.8	1.7	3.1	- .
		refor to dental specialist	2.2	4.8	2.5	6.1	6.1
		routine offico treatment*	53.9	56.8	58.5	49.0	69.6
22.	A 48-year-old woman with multiple sclerosis and	after consultation with specialist	32.6	35.2	35.6	40.8	20.9
	gingival inflammation	only in a hespital	4.5	-	1.7	1.0	-
	·	refer to dental specialist	7.9	4.8	4.2	7.1	8.7
		routine.offico treatment	11.2	4.8	7.6	3.1	4.3
23.	A 60-year-old man in need of an obturator for a	after consultation with specialist*	16.8	8.0	10.2	6.1	5.2
	cell carcinoma of the hard palate	only in a hospital	1.1	63	1.7	3.1	0.9
		rofer to dental specialist	69.7	85.6	79.7	86.7	89.6
		routine office treatment	1.1	0.8	-	2.0	1.7
24.	A 16-year-old hemophiliac with a badly decayed	after consultation with specialist	16.8	10.4	25.4	26.5	33.9
.	molar that must be extracted	only in a hospital*	48.3	° 47.2	44.9	39.8	28.7
		rofor to dental apocialist	32.6	37.6	26.3	26.5	35.6
			1				63 6
		routino offico treatment*	59 . 5	49.6	50.0	48.0	6.0
		routing office treatment* after consultation with specialist*	59.5 27.0	49.6 33.6	50.0 3252	48.0 35.7	20.0
25.	An 18-year-old controlled diabetic in need of gingivoplasty	routine office treatment* after consultation with specialist* only in a hospital	59.5 27.0 -	49.6 33.6 -	50.0 32,2 0.8	48.0 35.7 1.0	20.0

* Alternatives selected by advisory committee. Total percentages may differ from 100 because of omissions and rounding error.

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The Percentage of School Six Students Who Chose Each Patient Treatment Alternative Concerning Different Kinds of Patient, by Year

TABLE 6-6

	<u>Rescription of Patient</u>	Alternative Treatment	$\frac{1974}{N-73^{5}}$	<u>1975</u> N ¤ 113	<u>1976</u> N = 130	<u>1977</u> N = 84	1978**
1	A apparely reported 8-year-old girl with opposive	routino offico treatment	20.5	24.8	45.4	48.8	
۰. ۲۰	caries in the Primary dentition, together with .	after consultation with specialist	17.8	·24.8	24.6	17.9	
	gingival inflammation	only in a hospital*	39.7	8.0	12.3	9.5	
	•	rofer to dental specialist*	20.5	32.7	15.4	22.6	
		routino offico treatment*	87.7	85.0	92.3	88.1	
2.	An arthritic 64-year-old man with moderate	after consultation with specialist	11.0 *	5.3	5.4*	10.7	
	periodontal disease	only in a hospital	-	-	-	-	
		rofor to dental specialist	1.4	0.9	1.5	<u> </u>	
		routino offico treatment*	42.5	47.8	62.3	77.4	
а	A hind and doof notiont with marked singlyitin	aftor consultation with specialist*	37.0	23.9	23.8	8.3	
		only in a hospital	-	-	1.5	-	
* 114.57	· · · · · · · · · · · · · · · · · · ·	refer to dental specialist	17.8	18.6	11.5	13.1	
	- <u> </u>	routino offico troatment	2.7	1.8	3.1	5.9	
4.	An 18-year-old hemophiliac with deep carious	after consultation with specialist*	20.5	24.8	33.8	70.2	
	lesions in several maxillary teeth	only in a hospital	56.2	43.4	52.3	13.1	
		rofer to dental specialist	20.5	18.6	8.5	22.6 88.1 10.7 - 77.4 8.3 - 13.1 5.9 70.2 13.1 8.3 90.5 7.1 1.2 1.2 8.3 58.3 9.5 23.8 13.1 71.4 5.9	
		routino offico treatment*	75.3	70.8	89.2	90.5	
5.	A cooperative 12-year-old boy with Down's syndrome,	after consultation with specialist.	19.2	14.2	9.2	7.1	
	carious lesions in several teeth, and severe gingivitis	only in a hospital	4.1	0,9	-	1.2	
	· · · · · · · · · · · · · · · · · · ·	refer to dental specialist	1.4	3.5	0.8	1.2	
		routine office treatment	9.6	4.4	7.7	8.3	
6.	A peverely hypertensive 58-year-old man in need	after consultation with specialist	39.7	26.5	54.6	58.3	-
	of gingivectomico	only in a hospital*	34.2	35.4	16.9	9.5	
	• • • •	rofer to dental specialist*	16.4	22.1_	17.7	23.8	
	ø	routine office treatment	19.2	15.9	14.6	13.1	
7.	An 8-year-old girl with leukemia in remission who has	aftor consultation with specialist*	54.8	58.4	65.4	71.4	
	large carious lesions in three primary teech	only in a hospital	19.2	13.3	12.3	5.9	
		refer to dental specialist	5.5	3.5.	6.9	7.1	
	۶,	routino office treatment*	43.8	37.2	68.5	64.3	
8.	A moderately retarded, corebral-palsied 13-year-old	after consultation with specialist	26.0	30.1	17.7	16.7	
	boy with a dentoalveolar abscess	enly in a hospital	16.4	4.4	2.3	2.4	
	· ·	rofor to Nontal appeialist	13.7	18.6	10.8	15.5	

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	Noneription of Patient	Alternative Treatment	1974			<u> 1977 </u>	1978**
9.	A 40-year-old edentulous woman with an unrepaired	routino offico treatment.	5.5	5.3	10.0	5.9	
•	complete cleft of the hard and soft palateo who	aftor consultation with specialist	13.7	15.0	16.1	17.9	
	is in need of a prosthesis	only in a hospital 🖕 🗍	1.4	0.9	0.8	-	•
		rofer to dental specialist* 💦 🛫 🜮	79.4	69.9	72.3	76.2	
		routino offico treatment*	83.6	72.6	84.6	80.9	
10.	A 24-year-old moderately retarded man with controlled	after consultation with specialist*	16.4	17.7	13.8	19.1	
	epilepsy and Carlous lesions in two molars	only in a hospital	-	-	0.8	-	•
	·	refer to dental specialist		0.9	-	-	
	1 🔹 🔹 👘 👘 👘	routino office treatment	15.1	15.0	24.6	29.8	
11.	A neveraly retarded 18-year-old in need of singly ectomics.	after consultation with specialist	12.3	15.0	14.6	10.7	
		only in a hospital	41.1	11.5	26.9	16.7	
		rofer to dental specialist*	31.5	48.7	30.0	41.7	8
	۷	routino office treatment	20.5	13.3	8.5	17.9	
12.	A 48-year-old woman with a prosthetic cardiac heart valve	after consultation with specialist*	50.7	49.6	66.9	69.0	./
	replacement who is in need of a pulp extirpation	only in a hospital	21.9	15.9	11.5 /	4.8	
		refer to dental specialist	6.8	11.5	9.2	8.3	1
	4	routine office treatment	13.7	12.4	23.8	40.5	
13.	A geveraly retarded 18-year-old in need of an apiecestery	after consultation with specialist	11.0	10.6	• 16.9	5.9	
10.	· · · · · · · · · · · · · · · · · · ·	only in a hospital*	27.4	15.0	23.1	13.1	
		rofor to dental specialist*	47.9	52.2	34.6	40.5	
		routino offico treatment*	37.0	42.5	53.8	, 'S9.5 ;	
14.	An 8-year-old autistic child with fractured anterior teach	aftor consultation with specialist	31.5	27.4	24.6	23.8	
	in o year out addicing china with dractared anterior teeth	only in a hospital	6.8	3.5	6.1	3.6	
		rofer to dental specialist	20.5	15.9	8.5	11.9	
	1	routine office treatment*	86.3	77.0	90.8	95.2	•
15.	A 6-year-old moderately retarded girl with a repaired	aftor consultation with specialist	11.0	10.6	6.1	2.4	
	cleft palate and dental caries	only in a hospital	-	-	-	-	
	· · · · · · · · · · · · · · · · · · ·	rofer to dental specialist	_2.7	3.5	1.5	2.4	
	٩	routine office treatmont	2.7	4.4	4.6	4.8	
16.	A 56-year-old man with a history of two episodes of	aftor consultation with specialist	21.9	18.6	50.0	47.6	•
	stroke who is in need of multiple extractions	only in a hospital*	50.7	43.4	25.4	17.9	
	· · · · · · · · · · · · · · · · · · ·	rofor to dental apogidlist*	24.7	23.0	_16.1	26.2	
		routine office treatment	30.1	45.1	50.0	65.5	
17.	A blind and deaf 6-year-old boy with a badly decayed	aftor consultation with specialist	28.8	15.0	23.8	11.9	
	molar that must be extracted	only in a hospital*	12.3	5.3	9.2	3.6	
		refer to dental apocialist*	28.8	25.7	14.6	17.9	
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	Description of Patient	Alternative, Treatment	1974	1975	1976	1977	1978**	
	•	routine office treatment	28.8	35.4	31,5	48.8		
18.	A severely retarded 16-year-old in need of a pulp	after consultation with specialist	17.8	15.0	16.1	10.7	•	
		only in a hospital*	17.8	6.2	19.2	8.3	•	
		<u>refer to dental specialist*</u>	35.6	, 34.5	. 31.5	30.9	· ·	
	• 1	routine office treatment*	37``0.	43.4	73.1	72.6		
19.	A 16-year-old boy with muscular dystrophy and carious	after consultation with specialist	38,4	40.7	24.6 .	21.4		
	lesions in several teeth	only in a hospital	16.4	2.6		-		
		<u>refer to dental specialist</u>	8.2	4.4	0.8	- 3.6		
	· · · · · · · · · · · · · · · · · · ·	routine office treatment	~ 6 1.6	60.2	63.1	66.7		
0.	An 18-year-old moderately retarded controlled	after consultation with specialist	28.8	19.5	29.2	26.2	(L
	epileptic with gingival hyperplasia	only in a hospital	2.7	0.9	1.5	-		
		• refer to dental specialist*	6.8	10.6	3.8	7.1	L.	
		routine office treatment	43.8	24.8	19.2	28.6		
1.	A 12-year-old girl with a recent history of rheumatic	after consultation with specialist*	47.9	57 , 5 •	71.5	66.7		
	fever who is in need of an extraction	only in a hospital	6.8	4.4	3.8	2.4		
		refer to dental specialist	1.4	3.5	31	1.2		•
		routine office treatment*	52.0	43.4	70.8	61.9	•	•
2.	A 48-year-old woman with multiple sclerosis and	after consultation with specialist	397	37.2	26.1	• 32.1		
	gingival inflammation	only in a hospital	2.7	1.8	, " -	1.2		
	A	refer to dental specialist	5.5		0.8	4.8	•	
		routine office treatment	9.6-	5.3	2.3	4.8		
۶.	A 60-year-old man in need of an obturator for a	after consultation with specialist*	、 11.0	15.0	18.5	20.2	•	
	cell carcinoma of the hard palate	only in a hospital	1.4	1.8	2.3	2.4		
	•	refer to dental specialist	7841	69.0	73.8	70.2	• .	
		routine office treatment	<u>`_</u>	_ ·	1.5	- 3.6		
÷.	A 16-year-old hemophiliac with a badly decayed	after consultation with specialist	5.5	13.3	24.6	57.18		
	molar that must be extracted	only in a hospital*	57.5	45.1	56.9	22.6	•	
		refer to dental specialist	370	30.1	. 13.1	13.1.	•	
	· · · · · · · · · · · · · · · · · · ·	routine office treatment*	60.3	48.7	56 1	51.2	•	
1		after consultation with specialist*	***28.8	36.3	 	38.1	••	
2	An io-year-oid controlled diabetic in need of gingivoplasty	**************************************		30.3		30.1		
	с	onlu in a hospital •	2.7	1.8	2.3	-		

* Alternatives selected by advisory committee. Total percentages may differ from 100 because of omissions and rounding error. **Data not available for this year.

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The Percentage of School Seven Students Who Chose Each Patient Treatment Alternative Concerning Different Kinds of Patients, by Year

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•		Description of Patient	Alternative Treatment	$\frac{1974}{N = 54}$	1975	1976	<u>1977</u>	<u>1978</u>
1		A severely retarded 8-year-old girl with	routine office treatment	11.1	31.9	28.3 🕈	23.7	14.6
		extensive caries in the primary dentition,	after consultation with spécialist	38.9	17.0	13.2	39.5	26.8
		together with gingival inflammation	only in a hospital*	27.8	12.8	17.0	13.2	26.8
_			refer to dental specialist*	18.5	34.0	37.7	21.0	31.7
		*	routine office treatment*	90.7	80.8	86.8	81.6	97.6 👻
2	haan angus ir a •	An arthritic 64-year-old man with moderate	after consultation with specialist	7.4	8.5	11.3	15.8	2.4
		periodontal disease	only in a hospital	-	2.1	_	• -	
_		- <u> </u>	refer to dental specialist		6.4		-	
		٥ _م	routine office treatment*	35.2	48.9	37.7	36.8	36.6
3	•	A blind and deaf patient with marked	after consultation with specialist*	31.5	21.3	30.2	34.2	43.9
		gingivitis .	only in a hospital	-	4.3	3.8	- '	2.4
_			refer to dental specialist	31.5	23.4	26.4	26.3	17.1
		·	routine office treatment	5.6	6.4	1.9	2.6	2.4
4	•	An 18-year-old hemophiliac with deep carious	after consultation with specialist*	27.8	46.8	41.5	26.3	43.9
		lesions in several maxillary teeth	only in a hospital	46.3	23.4	32.1	28.9	29.3
_		· · · · · · · · · · · · · · · · · · ·	refer to dental specialist	18.5	19.1	20.7	36.8	24.4
_			routine office treatment*	48.1	61.7	83.0	76.3	80.5
5	•	A cooperative 12-year-old boy with Down's $\sqrt{a^2}$ syndrome, carious lesions in several teeth.	after consultation with specialist	42.6	21.3	11.3	15.8	14.6
		and severe gingivitis 4	only in a hospital	3.7	-	-	· -	2.4
_			refer to dental specialist	1.8	14.9	3.8	5.3	2.4
		۰ ب	routine office treatment	14.8	14.9	3.8	5.3	4.9
6	•	A severely hypertensive 58-year-old man 🖌	after consultation with specialist	35.2	38.3	43.4	34 2	48.8
		in need of gingivectomies	only in a hospital*	27.8	12.8	15.1	21.0	34.1
_		()	refer to dental specialist*	20.4	31.9	35.8	34.2	12.2
• _			routine office treatment	24.1	25.5	15.1	7.9	21.9
7	•	An 8-year-old girl with leukemia in remission •	after consultation with specialist*	61.1	46.8	58.5	63.2	56.1
		primary teeth	only in a hospital	• 9.3	2.1	' 9.4	2.6	4.9
;		<u> </u>	refer to dental specialist	3.7	21.3	13.2	18.4	12.2
			routine office treatment*	38.9	44.7	54.7	31.6	41.5
8		A moderately retarded, cerebral-palsied 13-year-"	after consultation with specialist	42.6	23.4	24.5	28.9	19.5
		old boy with a dentoalveolar abscess	đnly in a hospital	7.4	4.3	-	5.3	9.8
_			<u>refer</u> to <u>dental Specialist</u>	9.3	23.4	17.0	28.9	29.3

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•	Description of Patient	Alternative Treatment	<u>19</u> 74	1975	1976	1977	1978
		routine office treatment	3.7	6.4	1.9	<u>2.6</u>	9.8
9.	A 40-year-old edentulous woman with an , unrepaired complete cleft of the hard and	after consultation with specialist	13.0	10.6	5.7	23.7	21.9
	soft palates who is in need of a prosthesis	only in a hospital	-	2.1	3.8	2.6	
	· · · · · · · · · · · · · · · · · · ·	rdfer to dental specialist	81.5	. 78.7	86.8	65.8	68.3
10		routine office treatment*	85.2	72.3	84.9	81.6	87.8
10.	A 24-year-old moderately retarded man with controlled epileppy and carious lesions in	after consultation with specialist*	9.3	17.0	9.4	13.2	9.8
	two molars	only in a hospital	· 1.8	2.1	-	-	-
		refer to dental specialist.	1.8	6.4	1.9	2.6	-
		routino office treatment	9.3	17.0	15.1	7.9	17.1
11.	A severely retarded 18-year-old in need of	after consultation with specialist	16.7	10.6	26.4	. 18.4	9.8
	gingivectomies	only in a hospital	37.0	12.8	11.3	18.4	39.0
		refer to dental specialist*	35.2	55.3	43:4	52.6	34.1
17		routine office treatment,	29.6	34.0	26.4	42.1	41.5
12.	heart valve replacement who is in need of a	after consultation with specialist*	55.6	42.5	56.6	44.7	51.2
Ň	pulp extirpation	only in a hospital	9.3	2.2	5.7	2.6	2.
		refer to dental specialist	3.7	19.1	5.7	5.3	2.
		routine office treatment 🛸 🥌	3.7	12.8	15.1	13.2	14.0
13.	A severely retarded 18-year-old in need. of	after computation with specialist	13.0	8.5	11.3 🛿	15.8	7.3
	an aprecee comy	only in a hospital*	35.2 [·]	17.0	17.0	15.8	51.2
		refer to dental opecialist*	46.3	57.4	50.9	50.0	26.8
	· *	routine office treatment*	31.5	29.8	50.9	28.9	24.0
14.	An 8-year-old autistic child with fractured	after consultation with specialist	31.5	25.5	20.7	31.6	36.6
	N ,	only in a hospital 🔹	5.6	4.3	1.9	5.3	17.1
		refer to dental specialist	24.1	36.2	22.6	28.9	<u>21.9</u>
	,	routine office treatment* *	75.9	55.3	64.1	76.3	68.3
15.	A 6-year-old moderately retarded girl with	after consultation with specialist	20.4	19.1	/ 17.0	13.2	24.4
	a repaired clert parate and dental carles	only in a hospital		2.1 /	1.9	<u> </u>	2.4
•	· · · · · · · · · · · · · · · · · · ·	* refer to dental specialist	1.8	<u> </u>	<u>13.2</u>	7.9	4.9
		routine office traitment	-	6.4/	1.9 {	2.6	4.9
.6.	A 56-year-old man with a history of two episodes	after consultation with specialist	16.7	23.4	30.2	31.6	17.1
	of stroke who is in need of multiple extractions	only in a hospital*	46.3	29 8	26.4 .	31.6	51.2
		refer to dental specialist*	35. <u>2</u>	24.9	35.8	26.3	26.8
		roltine office treatment	29.6 -	46.8	41.5	31.6	39.0
7.	A blind and deaf 6-year-old boy with a badly,	after consultation with specialist	27.8	17.0	28.3	26.3	21.9
	• • • •	only in a hospital*	7.4	4.3	-	7, 9	7 3
		refer to dental opecialist*	31.5	29.8	28.3	28.9	29.3

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	Description of Patient	Alternative Treatment	1974	1975	1976	1977	1978
		routine office treatment	16.7	38.3	34.0-	21.0	19.5
18.	A severely retarded 16-year-old in need	after consultation with specialist	25.9	10.6	17.0	31.6	9.8
	of a pulp extirpation	only_in a hospital*	14.8	10.6 !	3.8	7.9	26.8
		refer to dental specialist*	40.7	36.2	41.5	36.8	41.5
	·	routine office treatment*	50.0	53.2	52.8	57.9	48.8
19.	A 16-year-old boy with muocular dystrophy	after consultation with specialist	37.0	23.4	24.5	.26.3	24.4
	and carious lesions in several teeth	only in a hospital	1.8	6.4	-		14.6
		refer to dental specialist	<u>9.3</u>	14.9	18.9	13.2	9.8
		routine office treatment	68.5	51.1	50.9	57.9	73.2
20.	An 18-year-old moderately retarded	after consultation with specialist	16.7	17.0	32.1	18.4	14.6
	hyperplacia	only'in a hospital	1.8	8.5	3.8	-	4.9
	. <u></u>	refer to dental apecialist*	11.1	19.1	11.3	21.0	4.9
		routino office treatment	\$5.6	46.8	50.9	42.1	\$1.2
21.	A 12-year-old girl with a recent history of rheumatic fever who is in need of an extraction .	after consultation with specialist*	38.9	31.9	39.6	47:4	46.3
		only in a hospital	1.8	6.4	1.9		-
		refèr to dental specialist	1.8	12.8	3.8	5.3	
		routine office treatment*	53.7	51.1	49.1	60.5	65.8
22.	A 48-year-old woman with multiple oclerosis	after consultation with specialist	40.7	25.5	26.4	28.9	21.9
	and gingival inflammation	only in a hospital	1.8	2.1	3.8		4.9
	۰۲ 	refer to dental apecialist	1.8	19.1	15.1	5.3	4.9
_		routino office treatment	5.6	6.4	-	5.3	4.9
23.	A 60-year-old man in need of an obturator for a maxillary defect accordary to therapy for a	after consultation with specialist*	5.6	12.8	15.1	26.3	9.8
	oquamous cell carcinoma of the hard palate	only in a hospital	-	-		-	-
		rofer to denfal apecialist	87.0	78.7	81.1	63.2	82.9
		routine office treatment	-	-	1.9	2.6	-
24.	A 16-year-old hemophiliac with a badly decayed molar that must be extracted	after consultation with specialist	7.4	14.9	18.9	13.2	12.2
	»	only in a hospital*	48.1	31.9	30.2	34.2	48.8
		refer to dental apecialist	42.6	44.7	45.3	47.4	36.6
	<i>,</i>	routine office treatment*	74.1	53.2	58.5	44.7	65.8
25.	An 18-year-old controlled diabetic in need	after consultation with specialist*	16.7	34.0	28.3	36.8	31.7
	of gingavoplacty?	only in a hospital	-	-	-	2.6	-
		refer to dental specialist	7.4	10.6	7.5	10.5	*

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* Alternatives selected by advisory committee. Total percentages may differ from 100 because of omissions and rounding error.

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table 6-8

The Percentage of School Eight Students Who Chose Each Patient Treatment Alternative Concerning Different Kinds of Patients, by Year

	Description of Patient	Alternative Treatment	1974	1975	1976	1977	1978
	•		N = 34	N = 31	N = 39	N = 45	N = 38
1.	aeverely retarded 8-year-old girl with xtensive carics in the primary dentition,	`routino offico troatment	23.5	29.0	15.4	28.9 0	7.9
	extensive carico in the primary dentition,	 after consultation with opecialist 	11.8	29.0	41.0	17.8	13.2
	together with gingival inflammation	only in a hospital* 11.8 9.3 refer to dental gnecialist* 52.9 29.6	9.7	10.3	17.8	· 7.9	
	;	rofer to dental opecialist*	52.9	29.0	28.2	35.6	28.9
		routine office treatment*	85.3	77.4	84.6	86.7	44.7
2.	An arthritic 64-year-old man with moderate	after consultation with specialist	11.8	12.9	10.3	11.1	13.2
	periodontal diaease	only in a hospital	-	-	· •		.
		refer to dental specialist	2.9	6.4		2.2	-
	۲ ۳	routine office treatment*	50.0	61.3	53.8	57.8	34.2
3.	A blind and deaf patient with marked	after consultation with specialist*	23.5	19.3	17.9	24.4	13.2
	gingivitio	only in a hospital	5.9	-	-	-	$ \begin{array}{c} 20.9 \\ 44.7 \\ 13.2 \\ - \\ 34.2 \\ 13.2 \\ 2.6 \\ 7.9 \\ - \\ 10.5 \\ 31.6 \\ 15.8 \\ 39.5 \\ 18.4 \\ - \\ 2.6 \\ 31.6 \\ 13.2 \\ 10.5 \\ 31.6 \\ 13.2 \\ 10.5 \\ \end{array} $
	9 	refor to dontal operialist	20.6	16.1	20.5	17.8	7.9
		routino offico treatment		12.9	2.6	6.7	-
4.	An 18-year-old hemophiliac with deep carious	aftor consultation with specialist*	11.8	39.7	23.1	.1 46.7 .7 35.6	10.5
	legiong in geveral maxillary teeth	only in a hospital	73. 5	32.3	48.7		31.6
		refer to dental specialist	11.8	12.9	17.9	8.9	15.8
		routino offico treatment*	61.8	74.2	69.2	73.3	39.5
5.	A cooperative 12-year-old boy with Down's	aftor consultation with specialist	29.4	16.1	20.5	15.6	18.4
	and acvore gingivitio	only in a hdspital	2.9	-	2.6	2.2	8
	ali mangrud mangrulimetakan ini malaketari dan dari iniku di 4 mali datar 4 menerikan mangrupan dari dari dari	rofer to dental opecialist	5.9	6.4	2.6	6.7	13
		routino offico treatment	5.9	12.9	12.8	"11.1	2.6
6.	A severely hypertensive 58-year-old man	after consultation with specialist	41.2	41.9	46.1	46.7	31.6
	in need of gingivectômieo	only in a hospital*	32.3	29.0	23.1	26.7	13.2
		refer to dental specialist* .	\$20.6	F 12.9	12.8	13.3	10.5
		routino offico troatment	20.6	29.0	12.8	28.9	5.3
7.	An 8-year-old girl with leukemia in remission	after consultation with specialist*	73.5	41.9	61.5	48.9	36.8
	primary teeth	only in a hospital	-	19.3	15.4	6.7	7.9
		refer to dental specialist	5.9	3.2	5.1	15.6	9.3
,		routine office treatment*	38.2	67.7	64.1	51.1	23.7
ą.	A moderately retarded, cerebral-paloied 13-	after consultation with specialist	ltation with specialist 29.4 16.1 20.5 2	24.4	15.8		
•	year-old boy with a dentoalveolar aboceoo	only in a hospital	5.9	3,2	-	4.4	2.6
	<i>x</i>	refer to dental specialist	26.5	9.7	7.7	20.0	15.8

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 9. A 40-year-old edentul unrepaired complete poft palateo who io poft palateo who io poft palateo who io postrolled epilepoy it wo molaro 10. A 24-year-old moderar controlled epilepoy it wo molaro 11. A poverely retarded gingivectomico 12. A 48-year-old woman theart valve replacem pulp extirpation 13. A poverely retarded an apicoectomy 14. An 8-year-old autiot: anterior teeth 15. A 6-year-old moderate a repaired cloft palated in apicoectomy 16. A 56-year-old moderate a repaired cloft palated in a picoectomy 17. A blind and deaf 6-year decayed molar, that methods. 	ent	Alternative Treatment	1974	<u>1975</u>	1976	1977	1978
 9. A 40-year-old edentu, unrepaired complete ooft palateo who in 10. A 24-year-old modera controlled epilepoy two molaro 11. A poverely retarded gingivectomico 12. A 48-year-old woman the heart valve replaced pulp extirpation 13. A peverely retarded an apicocetomy 14. An 8-year-old autiot: anterior teeth 15. A 6-year-old moderate a repaired cloft pala 16. A 56-year-old man with of patroke who in in replaced to in replaced to in the arcole who in in replaced to in the pala 17. A blind and deaf 6-year-old moderate and the pala 	A 40-year-old edentulous woman with an unrepaired complete cleft of the hard and soft palates who is in need of a prosthesis	routino office treatment	8.8	6.4	7.7	17.8	2.6
 a oft palates who is a oft palates who is 10. A 24-year-old moderar controlled epilepsy two molars 11. A soverely retarded gingivectomics 12. A 48-year-old woman theart valve replacement valve replacement pulp extirpation 13. A severely retarded an apicoectomy 14. An 8-year-old autists anterior teeth 15. A 6-year-old moderate a repaired cloft palate 16. A 56-year-old man with of stroke who is in the for the former of the		after consultation with specialist	5.9	25.8	15.4	8.9	5.3
 10. A 24-year-old moderal controlled epilepoy a two molars 11. A soverely retarded gingivectomics 12. A 48-year-old woman theart valve replacem pulp extirpation 13. A severely retarded an apicocetomy 14. An 8-year-old autists anterior teeth 15. A 6-year-old moderate a repaired cleft pair 16. A 56-year-old man with of stroke who is in the for the formation is in the formation is in the formation is in the formation in the formation in the formation is in the formation in the formation in the formation is in the formation in the formation in the formation in the formation is in the formation in t		only in a hoopital	-	-	-	2.2	2.6
 10. A 24-year-old moderal controlled epilepoy a two molaro 11. A coverely retarded gingivectomics 12. A 48-year-old woman theart valve replacement pulp extirpation 13. A coverely retarded an apicocetomy 14. An 8-year-old autiot: anterior teeth 15. A 6-year-old moderate a repaired cloft pair 16. A 56-year-old man with of stroke who is in response to its in response. 17. A blind and deaf 6-year decayed molar, that methods. 	· · · · · · · · · · · · · · · · · · ·	refer to dental operialist*	82.3	64.5	71.8	68.9	47.4
 10. A 24-year-old moderal controlled epilepoy in two molars 11. A soverely retarded gingivectomics 12. A 48-year-old woman the heart valve replacement pulp extirpation 13. A severely retarded an apicocctomy 14. An 8-year-old autistic anterior teeth 15. A 6-year-old moderate a repaired cloft pala 16. A 56-year-old moderate a repaired cloft pala 16. A 56-year-old moderate a repaired cloft pala 17. A blind and deaf 6-year decayed molar that methods 	•	routino offico troatmont*	70.6	58.1	69.2	75.6	36.8
 11. A coverely retarded gingivectomico 12. A 48-year-old woman theart valve replacement valve replacement valve replacement valve replacement of a spicoectomy 13. A coverely retarded an apicoectomy 14. An 8-year-old autiot: anterior teeth 15. A 6-year-old moderate a repaired cloft pair 16. A 56-year-old man with of stroke who is in the former of the spice of the sp	ately retarded man with	after consultation with specialist*	26.5	38.7	23.1	20.0	18.4
 11. A coverely retarded gingivectomico 12. A 48-year-old woman wheart valve replacem pulp extirpation 13. A coverely retarded an apicocetomy 14. An 8-year-old autiot: anterior teeth 15. A 6-year-old moderate a repaired cleft pair 16. A 56-year-old man with of stroke who is in reflaced who is in reflaced and deaf 6-year-old moder that methods and deaf 6-year-old moder that methods and deaf 6-year-old moder that methods are stroked who is in reflaced and and deaf 6-year-old moder that methods are stroked who is in reflaced and deaf 6-year-old moder that methods are stroked and deaf 6-year-old moder are stroked and deaf 6-year-old moder that methods are stroked and and deaf 6-year-old moder stroked are stroked and stroked		∖ only in a hospital	2.9		-	-	-
 A soverely retarded gingivectomics A 48-year-old woman the heart valve replacement valve replacement pulp extirpation A severely retarded an apicocetomy A n 8-year-old autists anterior teeth A 6-year-old moderate a repaired cloft palo A 56-year-old man with of stroke who is in replacement is in the severely retarded and deaf 6-year decayed molar that method stroke who is in replacement. 		refor to dental specialist		د 		4.4	2.6
 A soverely retarded gingivectomies A 48-year-old woman theart valve replaced pulp extirpation A severely retarded an apicoectomy A n 8-year-old autiot: anterior teeth A 6-year-old moderate a repaired cloft palo A 56-year-old man with of stroke who is in the stroke wh		routine office treatment	11.8	19.3	23.1	13.3	7.9
 gingivectomics 12. A 48-year-old woman theart valve replacement pulp extirpation 13. A severely retarded an apicoectomy 14. An 8-year-old autists anterior teeth 15. A 6-year-old moderate a repaired cleft pair 16. A 56-year-old man with of stroke who is in the formula of stroke who is in the formula of the stroke who is in the stroke who is	. Λ severely retarded 18-year-old in need of gingivectomics	after consultation with specialist	8.8	12.9	20.5	15.6	5.3
 12. A 48-year-old woman theart valve replaced pulp extirpation 13. A severely retarded an apicocctomy 14. An 8-year-old autists anterior teeth 15. A 6-year-old moderate a repaired cloft pair 16. A 56-year-old man with of stroke who is in replaced to in replaced to in replaced to in replaced molar, that method with the stroke who is in replaced to its replaced to its		only in a hospital	11.8	19.3	10.3	13.3	13,2
 12. A 48-year-old woman theart valve replacempulp extirpation 13. A severely retarded an apicocetomy 14. An 8-year-old autisticanterior teeth 15. A 6-year-old moderate a repaired cleft paired 16. A 56-year-old man with of stroke who is in the formula of stroke who is in th		rofer to dental specialist*	67.6	41.9	38.5	53.3	31.6
 12. A 48-year-old woman to heart valve replacent pulp extirpation 13. A severely retarded an apicocetomy 14. An 8-year-old autiot: anterior teeth 15. A 6-year-old moderate a repaired cleft pale 16. A 56-year-old man with of stroke who is in terms 17. A blind and deaf 6-year decayed molar that method stroke who is in terms 		routino office treatment	23.5	32.3	23.1	26.7	21.0
 neart value replaced pulp extirpation 13. A severely retarded an apicoectomy 14. An 8-year-old autist: anterior teeth 15. A 6-year-old moderate a repaired cleft pair 16. A 56-year-old man with of stroke who is in replaced who	with a prosthetic cardiac	after consultation with specialist*	73.5	51.6	53.8	64.4	28.9
 13. A severely retarded an apicoectomy 14. An 8-year-old autist: anterior teeth 15. A 6-year-old moderate a repaired cloft palo 16. A 56-year-old man with of stroke who is in repaired to in repaired the sevent moder that methods are a sevent and the sevent sev	active with 15 11 need of a	only in a hospital	-	6.5	10.3	2.2	2.6
 13. A severely retarded an apicoectomy 14. An 8-year-old autists anterior teeth 15. A 6-year-old moderate a repaired cleft pair of stroke who is in response who is in response		refer to dental specialist	2.9	6.5	5.1	4.4	_5.3
 13. A severely retarded an apicoectomy 14. An 8-year-old autist: anterior teeth 15. A 6-year-old moderate a repaired cleft paired cleft paired of stroke who is in repaired to is in repaired and deaf 6-ye decayed molar that methods. 	A neverely retarded 18-year-old in need of	routine office treatment	8.8	25.8	10.3	8.9	7.9
an apicoectomy 14. An 0-year-old autiot: anterior teeth 15. A 6-year-old moderate a repaired cloft palo 16. A 56-year-old man with of stroke who is in r 17. A blind and deaf 6-ye decayed molar that me		after consultation with specialist	8.8	3.2	7.7	11.1	2.6
 14. An 8-year-old autiot: anterior teeth 15. A 6-year-old moderate a repaired cleft palo 16. A 56-year-old man with of stroke who is in r 17. A blind and deaf 6-year-olar that me 		only in a hospital*	20.6	25.8	12.8	.7 11.1 2 .8 15.6 10 .1 62.2 3	10.5
 4 14. An Ø-year-old autiot: anterior teeth 15. A 6-year-old moderate a repaired cloft palo 16. A 56-year-old man with of stroke who is in r 17. A blind and deaf 6-ye decayed molar, that me 		rofor to dontal opecialist*	61.8	41.9	64.1	62.2	36.8
 14. An Ø-year-old autiot: anterior teeth 15. A 6-year-old moderate a repaired cleft pala 16. A 56-year-old man with of stroke who is in r 17. A blind and deaf 6-ye decayed molar that me 		routino offico troatment*	29.4	25.8	35.9	37.8	21.0
anterior teeth 15. A 6-year-old moderate a repaired cleft pale 16. A 56-year-old man with of stroke who is in r 17. A blind and deaf 6-ye decayed molar that me	tic child with fractured	after consultation with specialist	23.5	29.0	38.5	17.8	18.4
 A 6-year-old moderate a repaired cleft pair A 56-year-old man with of stroke who is in r A blind and deaf 6-year A blind and deaf 6-year 	anterior teeth	only in a hospital	11.8		~	6.7	5.3
 15. A 6-year-old moderate a repaired cloft palo 16. A 56-year-old man with of stroke who is in r 17. A blind and deaf 6-ye decayed molar, that me 		refor to dontal operialist	35.3	41.9	20.5	37.8	13.2
 15. A 6-year-old moderate a repaired cloft palo 16. A 56-year-old man with of stroke who is in r 17. A blind and deaf 6-ye decayed molar, that me 		routino office treatment*	64.7	71.0	74.4	71.1	26.3
a repaired cleft pala 16. A 56-year-old man with of stroke who is in r 17. A blind and deaf 6-ye decayed molar, that me	tely retarded girl with	after consultation with specialist	23.5	16.1	15.4	6.7	18.4
 16. A 56-year-old man with of stroke who is in r 17. A blind and deaf 6-ye decayed molar, that mu 	late and dental carieo	only in a koopital	2.9	-	-	2.2	2.6
 16. A 56-year-old man with of stroke who is in r 17. A blind and deaf 6-ye decayed molar, that ma 		refer to dental specialist	8.8	9.7	5.1	20.0	10.5
 16. A S6-year-old man with of stroke who is in r 17. A blind and deaf 6-ye decayed molar, that ma 		routino offico troatment	-	3.2	-	6.7	t >
of stroke who is in r 17. A blind and deaf 6-ye decayed molar, that mu	ith a history of two episodes	after consultation with specialist	38.2	35.5	20.5	31.1	21.0
17. A blind and deaf 6-ye decayed molar, that mu	need of multiple extractions	only in a hospital*	41 # 2	41.9	41.0	35.6	21.0
17. A blind and deaf 6-ye decayed molar,that mu		refer to dental opecialist*	20.6	16.1	33.3	24.4	15.8
17. A blind and deaf 6-ye decayed molar, that m		routine office treatment	17.6	48.4	35.9	51.1	28.9
decayed molar, that m	year-old boy with a badly	after consultation with specialist	23.5	16.1	12.8	15.6	10.5
	auot be extracted	only in a hospital*	8.8	-	12.8	6.7	5.3
		refer to dental appealaliat*	50.0	29.0	33.3	26.7	13.2

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		Description of Patient	Alternative Treatment	1974	1975	1976	1977	1978
		· · · · · · · · · · · · · · · · · · ·	routino office treatment	17.6	38.7	38.5	37.8	13.2
•	18.	A severely retarded 16-year-old in need	after concultation with opecialist	14.7	16.1	7.7	8.9	13.2
		of a pulp extirpation	only in a hospital*	14.7	3.2	10.3	4.4	10.5
			rofer to dental aposialist*	52.9	38.7	35.9	48.9	21.0
			routine office treatment*	41.2	61.3	43.6	62.2	31.6
	19.	⁸ A 16-year-old boy with muscular dystrophy	after concultation with specialist	29.4	19.3	35.9	26.7	13.2
_		and carious lesions in several teeth	only in a hospital	2.9	6.4	2.6	2.2	2.6
"			-refer to dental opecialist	-26.5	9.7	12.8	8.9	10.5
•			routino office troatment	47.1	54.8	43.6	68.9	31.6
•	20.	An 18-year-old moderately retarded	after consultation with specialist	47.1	29.0	35.9	22.2	13.2
		hyperplasia	only in a hospital	2.9	3.2	5.1	2.2 •	2.6 °
			rofor to dental operialist.	2.9	9.7	10.3	6.7 .	10.5
			routino offico treatment	20.6	41.9	28.2	31.1	7.9
	21.	A 12-yeàr-old girl with a recent history of rheumatic fever who is in need of an extraction	after consultation with specialist*	64.7	\$54.8	51.3	57.8	44.7
			only in a hospital	11.8	_	2.6	-	2.6
	ia .		rofor to dental apogialist	2.9		12.A	8.9	2.6
``		here and	routing office treatment*	29.4	48.4	43.6	93.3	21.0
as.	22.	A 48-year-old woman with multiple ocleronia	after concultation with opecialist	52.9	25.8	35.9	31.1	31.6
		and gingival inflammation	only in a hospital	€ ?	6.4	5.1	2.2	4
			rofer to dental specialist	17.6	12.9	10.3	_13.3	2.6
		*	routino offico treatment	8.8	3.2	2.6	-	2.6
	23.	A 60-year-old man in need of an obturator for a maxillary defect accordary to therapy for a \heartsuit	after concultation with opecialist*	2.9	6.4	2 4 6	2.2	7.9
		squamous cell carcinoma of the hard palate	only in a hospital	2.9	3.2	5.1	4.4	C 3
	photo -		rofor to dental operialist	85.3	83.9	04.6	93.3	47.4
			routino offico troatment	-	9.7	-	2 2	-
	24.	A 16-year-old hemophiliae with a badly	aftor consultation with specialist	5.9	35.5	12.8	24.4	5.3
		decayed molar that must be extracted	only in a hospital*	70.6	45.2	46.1	sø. 3	39.5
		· · · · · · · · · · · · · · · · · · ·	refer to dontal apoglalist	23.5	6.5	35.9	15.6	13.2
		•	routino offico treatment	58.8	45.2	53.8	71.1	26.3
	25.	An 18-year-old controlled diabetic in need	aftor consultation with specificate	35.3	45.2	33.3	26.7	28.9
		or gingivoplacty	enly in a hospital	- 6	3.2	-	<u> </u>	
		· · · · · · · · · · · · · · · · · · ·	rofer to dontal operialist	5.9	3.2	7.7	2.2	2.6 .

* Alternatives selected by advisory committee. Total percentages may differ from 100 because of emissions and rounding error.



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School 09 was represented only in 1976, 1977, and 1978. Average percentages for those choosing "routine office treatment" were 37.3, 41.8, and 42.8. The average percentages for the preferred choices were 52.4, 51.9, and 54.2.

At School 10; average percentages of those choosing "routine office treatment" were 27.4 in 1974, 34.1 in 1975, 34.3 in 1976, 34.8 in 1977, and 32.1 in 1978. Corresponding values for the preferred alternatives were 57.5, 56.5, 55.8, 58.1, and 54.4. No trends appear in these data.

At School 11, the average percentages of those choosing "routine office treatment" were 32.5, 31.3, 31.5, 28.0, and 33.1. Values for the preferred alternatives were 58.2, 55.8, 53.4, 57.3, and 52.5. In the latter instance, if there is a trend, it is a reverse one.

To summarize, overall there appeared to be a trend for increasing numbers of students to select "routine office treatment" as the preferred alternative, although there was considerable variation in patterns at individual schools.

Background Characteristics

Table 7 shows for all students, for the years 1974 through 1978, data on several different background characteristics, including expected professional 'activity after graduation, undergraduate major, whether or not the student had had full-time work experience, whether or not the student had had military or Peace Corps experience, whether or not there was a handicapped person in the family, and, for the years 1975 through 1978, the student's attitude toward treating handicapped people.

Under professional activity, self-employed professional practice was the expectation of more than one-fourth of the students in every year and the clear favorite. Professional partnership was the choice of about 20 percent in

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The Percentage of School Nine Students Who Chose Each Patient Treatment Alternative Concerning Different Kinds of Patients, by Year

	Description of Patient	Alternative Treatment	_1974**	1975**	<u>1976</u> N = 133	$\frac{1977}{N = 121}$	$\frac{1978}{N = 169}$	
1	A severaly retarded 8-year-old girl with	routine office treatment			26.3	29.7	21.9	
	extensive caries in the primary dentition,	after consultation with specialist			21.8	26.4	19.5	
	together with gingival inflammation b	only in a hospital*			16.5	12.4	25.4	
· <u>·</u>		refer to dental specialist*	·		30.8	28.1	31.9	
	<i>j</i> i	routine office treatment*			87.2	90.9	93.5	
2.	An arthritic 64-year-old man with moderate	after consultation with specialist	•		8.3	6.6	3.0	
•	periodontal disease	only in a hospital			-	-	-	
	2	refer to dental specialist		•	0.7	0.8	2.4	
	· · ·	routine office treatment*			57.9	4 67.8	53.8	
3.	A blind and deaf patient with marked	after consultation with specialist*			21.0	12.4	19.5	
,	gingivitis	only in a hospital			1.5	2.5	6.5	
•	_	ref <u>er</u> to dental <u>spe</u> cialist			15.8	15.7	18.9	
		rouține office treatment			3.8	3.3	4.1	
4.	An 18-year-old hemophiliac with deep carious	after consultation with specialist*			30.1	26.4	25.4	
	lesions in several maxillary	only in a hospital			48.9	43.0	56.2	
		refer to dental specialist	,		11.3	24.0	12.4	
	·	routine office treatment*			66.9	_r 69.4	76.3	
5.	A cooperative 12-year-old boy with Down's	after consultation with specialist			.20.3	14.9	18.3	
	and severe gingivitis	only in a hospital '		•	.2.3	2.5	0.6	
		refer to dental specialist			5.3	9.1	3.5	
	•	routine office treatment			15.0	23.1	14.8	
6.	A severely hypertensive 58-year-old man	after consultation with specialist			52.6	。 49.6	45.6	
	in need of gingivectomies	only in a hospital*			14.3	12.4	23.1	
		refer to dental specialist*			12.8 ه	12.4	14.8	
	•	routine office treatment			13.5	21.5	18.3	
7.	An 8-year-old girl with leukemia in remission .	after consultation with specialist*			51.1	43.0	47.3	
	primary teeth	only in a hospital	b		18.0	16.5	21.9	•
		refer to dental specialist			10.5	<u>14.9</u>	10.6	
	` .	routine office treatment*			48.1	55.4	57.4	
8.	A moderately retarded, cerebral-palsied 13-	after consultation with specialist			24.1	18.2	20.1	
	year-old boy with a dentoalveolar abscess	only in a hospital			8.3	\$.0	5.9	
	•	refer to dental specialist			15.8	19.0	14.8	

TABLE 6-9

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	• Description of Patient	Alternative Treatment	1974**	1975**	1976	1977	1978
		routine office treatment		·	4.5	4.1	5.3
9.	A 40-year-old edentulous woman with an unrepaired complete cleft of the hard and soft palates who is in need of a prosthesis	after consultation with specialist		• "	9.0	9.1	13.0
	soft palates who is in need of a prosthesis	only in a hospital			0.7	2.5	3.0
		rofor to dental specialist*			79.7 .	81.8	76.9
	· · · · ·	routine office treatment*			73.7	72.7	72.8
10.	A 24-year-old moderately retarded man with	after consultation with specialist*	•		15.8	17.4	19.5
	two molars	only in a hospital			2.3	2.5	0.6
		rofer to dental specialist	6		3.0	5.8	4.1
	•	routine office treatment			25.6	28.1	27.2
11.	A severely retarded 18-year-old in need of	after consultation with specialist			16.5	14.9	· 16.6
	gingivectomies	only in a hospital			22.6	17.4	18.9
	•	refer to dental specialist*			30.1	38.0	34.3
		routine office treatment		•	17.3	49.6	38.5
12.	A 48-year-old woman with a prosthetic cardiac	aftor consultation with specialist*			57.1	33.9	43.2
	pulp extirpation	only in a hospital			6.0	7.4	7.1
	· · · ·	refor to dental specialist			13.5	6.6	9.5
		routino offico treatment			11.3	16.5	17.2
13.	A severely retarded 18-year-old in need of	after consultation with specialist			12.0	9.1	16.0
	an apicoectomy	only in a hospital*			21.0	19.8	23.1
		refer to dental specialist*			51.1	52.1	42.6
		routino office treatment*			31.6	52.1	43.2
14.	An 8-year-old autistic child with fractured	after consultation with specialist			29.3	16.5	23.1
	anterior teeth	only in a hospital			6.8	6.6	6.5
	· · ·	refor to deptal specialist			27.8	22.3	24.8
	· · · · · · · · · · · · · · · · · · ·	routine office treatment*			66.9	59.5	64.5
15.	A 6-year-old moderately retarded girl with	after consultation with specialist		•	17.3	14.0	18.3
	a repaired cleft palate and dental caries	only in a hospital			2.3	4.1	2.4
		rofor to dental specialist			9.0	18.2	13.6
		routino offico treatment			4.5	9.9	13.0
16.	16. A 56-year-old man with a history of two episodes of stroke who is in need of multiple extractions	aftor consultation with specialist			24.8	29.7	26.0
		only in a pospital*			,40.6	28.1	30.8
	· · · · · · · · · · · · · · · · · · ·	rofor to dental specialist*			23.3	29.7	27.8
	· · ·	routine dffice treatment	•	•	45.9	46.3	49.1
17.	A blind and deaf 6-year-old boy with a badly	aftor congultation with specialist			15.0	1,2.4	11.2
	decayed molar that must be extracted	only in a hospital*			6.0	8.3	6.5
, NS 1	······································	rofor to dontal apogialist*			27.1	30.6	31.9
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	Description of Patient	Alternative Treatment	1974**	1975**	1976	_1977	<u>1978</u>
		routino offico treatment	ı		38.3	32.2	35.5
18.	A severely retarded 16-year-old in need	after consultation with specialist			12.0	17.4	14.8
	of a pulp extirpation	only in a hospital*			14.3	11.6	1 1. 8
		refer to dental specialist*			31.6	37.2	36.7
		routine office treatment*			53.4	57.0	57.4
19.	A 16-year-old boy with muscular dystrophy	after consultation with specialist			23.3	21.5	24.8
	and carious lesions in several teeth	only in a hospital			4.5	5.0	5.9
	<u> </u>	réfer to dental specialist			13.5	14.9	10.1
		routine office treatment			60.1	62.8	66.9
20.	An 18-year-old moderately retarded	aftor consultation with specialist			25.6	22.3	20.1
	hyperplasia	only in a hospital			4.5	4.1	3.0
		refor to dental specialist*			3.8	9.1	8.9
		routine office treatment			41.3	57.0	45.6
21.	A 12-year-old girl with a recent history of	aftor consultation with specialist*			42.1	31.4	36.7
	rheumatic fever who is in need of an extraction	only in a hospital			6.0	2.5	8.3
		rofor to dental opecialist		•	5.3	7.4	7.7
		routino office treatment*			60.1	50.4	52.1
22.	A 48-year-old woman with multiple sclerosis	aftor consultation with specialist			24.1	28.1	33.7
	and gingival inflatmation	only in a hospital			2.3	4.1	52.1 33.7 7.1
		refor to dental specialist			8.3	14.9	<u>5.3</u>
		routine office treatment			4.5	5.8	4.7
23.	A 60-year-old man in need of an obturator for a maxillary defect accordary to therapy for a	after consultation with specialist*			4.5	6.6	11.8
	oquamous cell carcinoma of the hard palate	only in a hospital			4.5	5.8	3.0
	· · · · · · · · · · · · · · · · · · ·	refor to dental specialist	•		81.2	79.3	78.7
		routine office treatment			3.8	3.3	3.5
24.	A 16-year-old hemophiliac with a badly	after consultation with specialist			11.3	10.7	10.6
	decayed molar that must be extracted	only in a hospital*			51.1	47.9	59.8
		refer to dental specialist			27.8	33.1	24.8
		routine office treatment*			70.7	77.7	82.8
25.	An 18-year-old controlled diabetic in need	aftor consultation with specialist*			18.8	14.9	12.4
	of gingivoplasty	only in a hospital			1.5	0.8	0.6
		rofer to dental specialist			2.3	5.0	3.0

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* Alternatives selected by advisory committee. Total percentages may differ from 100 because of omissions and rounding error. **Data not available for this year.

TABLE 6-10

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The Percentage of School Ten Students Who Chose Each Patient Treatment Alternative Concerning Different Kinds of Patients, by Year

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		\	•			•	
	Description_of Patient	Alternative Treatment	$\frac{1974}{N = 40}$	<u>1975</u>	$\frac{1976}{1976}$	· <u>1977</u>	<u>1978</u>
		routing office treatment	7.9	18.8	20.0	20.3	12.0
1.	A severely retarded 8-year-old girl with extensive caries in the primary dentition, together with gingival inflammation	after condultation with specialist	ko. 0	14.8	20.0	17.6	5.3
		only in a bogoitalt0	27.5	23.8	30.0	18.9	39.7
		rofor to doptal specialist*	35.0	41.6	28.6	39.2	40.0
		routino offico trostmont	65.0	74.3	71.4	79.7	73.3
2.	An arthritic 64-year-old man with moderate	after consultation with specialist	35.0 <	21.8	27.1	14.9	22.7
	periodontal disease	only in a hospital	<u>_</u>	_	_	1.3	_
		rofor to dental apecialist	-	4.0	1.4	2.7	1.3
		routine office treatment*	57.5	57.4	52.9	55.4	54.7
3.	A blind and deaf patient with marked	after consultation with specialist*	25.0	21.8	24.3	25.7	24.0
	gingivitio	only in a hospital	2.5	1.0	`7.1	1.3	1.3
		rofor to dental specialist	15.0	19.8	15.7	13.5	17.3
	B	routino offico treatment		1.0	1.4	1.3	2.7
4.	An 18-year-old hemophiliac with deep carious	after consultation with specialist*	20.0	33.7	51.4	45.9	57.3
	lesions in several maxillary	only in a hospital	47.5	46.5	22.9	31.1	20.0
		rofor to dental specialist	32.5	17.8	20.0	18.9	16.0
		routino offico troatment*	47.5	72.3	81.4	74.3	69.3
5.	A cooperative 12-year-old boy with Down's	after consultation with specialist	45.0	19.8	14.3	21.6	16.0
	and severe gingivitig	only in a hospital	2.5	3.0	1.4	1.3	2.7
	, <u> </u>	refer to dental opecialist.	5.0	4.0	1.4	1.3	8.0
		routino offico treatment	-	5.9	5.7	-	5.3
6.	A severely hypertensive 58-year-old man	after consultation with specialist	45.0	48.5	52.9	58.1	58.7
	In need of gingivectomico	only in a heopital*	20.0	17.8	12.9	14.9	12.0
		refor to dental opecialist*	35.0	27.7	24.3	24.3	21.3
		routino offico treatment	2.5	7.9	11.4	12.2	9.3
7.	An 8-year-old girl with leukemia in remission who has large carious legions in three	after consultation with specialist*	72.5	66.3	67.1	64.9	65.3
	primary teeth	only in a hospital	7.5	14.8	7.1	6.8	6.7
	<u> </u>	rofor to dental operialist	17.5	10.9	10.0	13.5	13.3
	•	routine office treatment*	40.0	53.5	50.0	47.3	38.7
8.	A moderately retarded, cerebral-palsied 13-	aftor consultation with specialist	22.5	23.8	31.4	27.0	28.0
	year-old boy with a dentoalveolar abacess	only in a hospital	12.5	7.9	10.0	4.0	9.3
	•	rofor to dental operialist	25.0	13.9	7.1	18.9	21.3

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	Description of Patient	Alternative Treatment	1974	<u> 1975 </u>	1976	1977	1978
	A 40-year-old edentulous woman with an unrepaired complete cleft of the hard and soft palates who is in need of a prosthesis	routino offico treatment	15.0	10.9	10.0	- 5.4	13.3
9.		after consultation with specialist	5.0	19.8	18.6	46.2	22.7
		only in a hospital	7.5	-	1.4	1.3	-
		refer to dental specialist*	72.5	69.3	70.0	74.3.	61.3
		routino offico treatment*	57.5	69.3	78.6	81.1	77.3
10.	A 24-year-old moderately retarded man with controlled anilongy and carious logions in	aftor consultation with specialist*	40.0	26.7	21.4	10.8	14.7
	controlled epilepoy and carloud ledions in two molard	only in a hospital	2.5	1.0	. -	1.3	2.7
	· · · · · · · · · · · · · · · · · · ·	refer to dental specialist		3.0		5.4	2.7
		routing office treatment	2.5	9.9	8.6	12.2	4.0
L1.	A severely retarded 18-year-old in need of 🔷 😞	after consultation with specialist	5.0	15.8	12.9	10.8	12.0
	gingivectomico	only in a hospital	37.5	26.7	42.9	29.7	40.0
		refer to dental specialist.	55.0	46.5	32.9	45.9	41.3
	··· · · · · · · · · · · · · · · · · ·	routine office treatment	10.0	14.8	17.1	18.9	32.0
12.	A 48-year-old woman with a proothetic cardiac heart valve replacement who is in need of a pulp extirpation	after consultation with specialist*	72.5	65.3	65.7	75.7	57.3
		only in a hospital	7.5	10.9	11.4	2.7	4.0
		refer to dental specialist	.10.0	6.9	2.9	1.3	2.90.
	/ A severely retarded 18-year-old in need of	routine office treatment	-	15.8	11.4	10.8	6.7
13.		after consultation with specialist	5.0	9.9	8.6	12.2	6.7
	an apicoectomy	only in a hospital*	30.0	17.8	37.1	20.3	29.3
		rofer to dental specialist*	65.0	55.4	42.9	55.4	54.7
		routine office treatment*	25.0	42.6	\$0.0	44.6	34.7
LÅ.	An 8-year-old autistic child with fractured	after consultation with specialist	25.0	30.7	20.0	25.7	28.0
	anterior teeth	only in a hospital	12.5	4.0	11.4	8.1	10.7
		rofer to dental specialist	37.5	22.8	17.1	17.6	
		routine office treatment*	65.0	80.2	78.6	71.6	62.7
15.	A 6-year-old moderately retarded girl with	after consultation with specialist	17.5	11.9	14.3	10.8	14.7
	a repaired cleft palate and dental caries	only in a hospital	2.5	1.0	1.4	1.3	5.3
		rofor to dental specialist	15.0	6.9	5.7	13.5	14.7
		routine office treatment		4.0	2.9	4.0	6.7
16.	A 56-year-old man with a history of two episodes	after consultation with specialist	30.0	45.5	45.7	44.6	50.7
	of stroke who is in need of multiple extractions	only in a hospital*	32.5	31.7	28.6	24.3	17.3
		refer to dental specialist*	32.5	18.8	20.0	23.0	22.7
		routine office treatment	50.0	50.5	52.9	47.3	52.0
L7.	A blind and deaf 6-year-old boy with a badly	after consultation with specialist	2.5	16.8	11.4	12.2	10.7
	decayed molar that must be extracted	only in a hospital*	10.0	9.9	17.1	9.5	9.3
	•	rofor to dental apogialiat*	35.0	22.8	15.7	29.7	25.3 10

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	/Description of Patient	Alternative Treatment	_1974	_1975	1976	<u> 1977 </u>	1978
.,		routine office treatment	7.5	28.7	31.4	29.7	21.3
18.	A severely retarded 16-year-old in need	after consultation with specialist	17.5	12.9	20.0	14.9	10.7
~	of a pulp extirpation	only in a hospital*	30.0	16,8	24.3	13.5	25.3
		refer to dental specialist*	45.0	40.6	24.3	40.5	40.0
	•	routine office treatment*	45.0	55.4	45.7	62.2	45.3
19,	A 16-year-old boy with muscular dystrophy	after consultation with specialist	37.5	29.7	31.4	28.4	25.3
	and carious lesions in several teeth	only in a hospital	7.5	8.9-	11.4	ŕ 2 . 7	9.3
	<u> </u>	refer to dental specialist '	10.0	4.0	11.4	5.4	14.7
		routine office treatment	37.5	43.6	47.1	45.9	46.7
20.	An 18-year-old moderately retarded	after consultation with specialist	37.5	36.3	38.6	33.8	24.0
	hyperplasia	only in a hospital	2.5	4.0	1.4	1.3	2.7
_		refer to dental specialist*	22.5	15.8	12.9	17.6	24.0
	•	routine office treatment	35.0	33.7	32.9	23.0	36.0
21.	A 12-year-old girl with a recent history of	after consultation with specialist*	62,5	56.4	65.7	68.9	57.
•	rheumatic fever who is in need of an extraction	only in a hospital		4.9	1.4	1.3	2.
		refer to dental specialist	2.5	4.9	-	5.4	1.3
		routine office treatment*	40.0	36.6	35.7	60.8	36.0
22.	A 48-year-old woman with multiple sclerosis	after consultation with specialist	42.5	56.4	55.7	32.4	41.
	and gingival inflammation	only in a hospital	10.0	2.0	1.4	-	5.
		refer to dental specialist	5.0	2.0	<u>5</u> .7	_4.0	14.
i		routine office treatment	، `10.0	11.9	10.0	6.8	6.3
23.	A 60-year-old man in need of an obturator for	after consultation with specialist*	15.0	14.8	5.7	9.5	18.
	squamous cell carcinoma of the hard palate	only in a hospital	2.5	` _	1.4	2.7	
		refer to dental specialist	72.5	73.3	81.4	79.7	70.3
	4	routine office treatment	-	-	_		
24.	A 16-year-old hemophiliac with a badly	after consultation with specialist $^{\prime}$. 7.5	22.8	28.6	33.8	40.0
	decayed molar that must be extracted	only in a hospital*	52.5	43.6	35.7	37.8	22.
		refer to dental specialist	40.0	32.7	30.0	25.7	33.
	· · · · · · · · · · · · · · · · · · ·	routine office treatment*	65.0	53.5	51.4	55.4	56.0
25.	An 18-year-old controlled diabetic in need	after consultation with specialist*	22.5	33.7	40.0	29.7	32.
	of gingivoplasty	only in a hospital	2.5	<u> </u>	2.9	-	1.
	v	refer to dental specialist	10.0	11 0	57	13 5	8.0

* Alternatives selected by advisory committee. Total percentages and differ from 100 because of comissions and rounding error.

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TABLE 6-11

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	Description of Patient	Alternative Treatment	1974	1975	<u>, 1976</u>	1977	_197
		4	N = 63	N = 81	N = 88	N = 72	N =
1.	A severely retarded 8-year-old girl with	routine office treatment	7.9	7.4	12.5	6.9	12.
	extensive caries in the primary dentition,	after consultation with specialist	15.9	30, 9	25.0	20.8	34.
	together with gingival inflammation	only in a hospital*	54.0	39.5	32.9	43.1	23.
		refer to dental specialist*`	19.0	18.5	26.1	26.4	24.
		routine office treatment*	87.3	85.2	87.5	69.4	82.
2.	An arthritic 64-year-old man with moderate	after consultation with specialist	12.7	12.3	7.9	23.6	13
	periodontal disease	only in a hospital		-	-		-
	<u> </u>	refer to dental specialist	-	2.5	, 2.3	4.2	-
۲	•	routine office treatment*	38.1	50.6	45.4	43.1	56
3.	A blind and deaf patient with marked	after consultation with specialist*	47.6	35.8	38.6	34.7	30
	gingivitis	only in a hospital	1.6	-	2.3	-	. 2
	·	refer to dental specialist	12.7	9.9	10.2	18.1	6
		routine office treatment	1.6	1.2	2.3	2.8 .	3
4.	An 18-year-old hemophiliac with deep carious	after consultation with specialist*	34.9	44.4	43.2	37.5	41
	lesions in several maxillary	only in a hospital	44.4	34.6	40.9	37.5	34
		refer to dental specialist	17.5	16.0	11.4	20.8	16
		routine office treatment*	66.7	75.3	71.6	72.2	70
5.	A cooperative 12-year-old boy with Down's	after consultation with specialist	31.7	19.7	19.3	22.2	22.
	and severe gingivitis	only in a hospital	-	1.2	2.3	2.8	2.
1		refer to dental specialist	1.6	1.2	4.5	1.4	i.
1		routine office treatment	9.5	8.6	4.5	2.8	4.
5.	A severely hypertensive 58-year-old man	after consultation with specialist	42.9	50.6	35.2	23.6	33.
	in need of gingivectomies	only in a hospital*	27.0	9.9	227"	23.6	20
	•	refer to dental specialist*	20.6	23.5	31.8	47.2	37
		routine office treatment	22.2	21.0	12.5	15.3	15
' .	An 8-year-old girl with leukemia in remission	after consultation with specialist*	63.5	65.4	56.8	59.7	55
	primary teeth	only in a hospital	3.2	8.6	12.5	9.7	6
		refer to dental specialist	9.5	2.5	14.8	9.7	17.
	•	routine office treatment*	36.5	45.7	43.2	41.7	46
	A moderately retarded, cerebral-palsied 13-	after consultation with specialist	39.7	28.4	28.4	30.6	28
	year-old boy with a dentoalveolar abscess	only in a hospital	4.8	8.6	10.2	5.6	4
		refer to dental specialist	19 0	13.6	15 0	20.8	19

	Description of Patient	Alternative Treatmènt	1974	<u>1975</u>	1976	1977	1978
		routine office treatment	6.3	4.9	5.7	4.2	2.2
9.	A 40-year-old edentulous woman with an	after consultation with specialist	14.3	12.3	22.7	6.9	16.7
	soft palates who is in need of a prosthesis	only in a hospital	· _	· _	1.1	1.4	2.2
	P	refer to dental specialist*	79.4	81.5	67.0	84.7	74.4
		routine office treatment*	73.0	83.9	70.4	65.3	70.0
10.	A 24-year-old moderately retarded man with	after consultation with specialist*	23.8	13.6	26.1	29.2	23.3
ø	two molars	only in a hospital	-		_	. –	
	•	refer to dental specialist	1.6	1.2	1.1	4.2	2.2
	·	routine office treatment	17.5	6.2	9.1	< б.9	11.1
11.	A severely retarded 18-year-old in need of	after consultation with specialist	14.3	16.0	11.4	13.9	96.7
	gingivectomies 🧳	only in a hospital "	36.5	40.7	36.4	26.4	21.1
	· · · · · · · · · · · · · · · · · · ·	refer to dental specialist*	30,2	33.3	40.9	51.4	45.6
	•	routine office treatment	4.3	12.3	14.8	19.4	33.3
12.	A 48-year-old woman with a prosthetic cardiac	after consultation with specialist*	⁵ 71.4	74.1	59.1	.68.1	50.0
	pulp extirpation	only in a hospital	9.5	4.9	· 6.8	1.4	6.7
	•	<u>refer to dental specialist</u>	4.8	. 2.5	14.8	8.3	5.6
	1	routine office treatment •	11.1	. 6.2	7.9	6.9	11.1
13.	A severely retarded 18-year-old in need of	after consultation with specialist	4.8	13.6	14.8	5.6	15.6
	an apicoectomy.	only in a hospital* -	47.6	45.7	25.0	29.2	17.8
		refer to dental specialist*	36.5	29.6	46.6	55.6	51.1
	Ø	routine office treatment*	39.7	24.7	31.8	22.2	24.4
14.	An 8-year-old autistic child with fractured	after consultation with specialist	31.7	42.0	26.1	33.3	37.8
	Antergor teeth	only in a hospital	\$6.3	8.6	12.5	8.3	4.4
		refer to dental specialist	19.0	14.8	21.6	33.3	27.8
	·	routine office treatment*	65.1	67.9	60:2	56.9	61.1
15.	A 6-year-old moderately retarded girl with	after consultation with specialist	23.8	18.5	21.6	23.6	26.7°
	a repaired cleft palate and dental caries	only in a hospital	1.6	2.5	3.4	1.4	1.1
		refer to dental specialist	7.9	7.4	12.5	16.7	6.7
	· · ·	routine office treatment	-	3.7	-	4.2	5.6
16.	A 56-year-old man with a history of two episodes	after consultation with specialist	27.0	35.8	26.1	25.0	34.4
	of stroke who is in need of multiple extractions	only in a hospital*	34.9	21.0	31.8	27.8	25.6
		refer to dental specialist*	38.1	33.3	34.1	38.9	30.0
		routine office treatment	31.7	39.5	36.4	36.1	41.1
17.	A blind and deaf 6-year-old boy with a badly	after consultation with specialist	28.6	28.4	27.3	22.2	31.1
	decayed molar that must be extracted .	only in a hospital*	11.1	7.4	7.9	8.3	5.6
		nefor to destat montatest		01.6		20.0	17 0

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	Description of Patient	Alternative Treatment	1974	1975	1976	1977	<u>1978</u>
		routing office treatment	25.4	21.0	22.7	19.4	26.7
18.	A severely retarded 16-year-old in need-	after consultation with specialist	15.9	19.7	15.9	15.3	23.3
	or a pulp excirpation	only in a hospital*	25.4	32.1	26.1	25.0	15.6
		refor to dental specialist*	31.7	24.7	31.8	$ \begin{array}{r} 1977 \\ 19.4 \\ 15.3 \\ 25.0 \\ 38.9 \\ 41.7 \\ 36.1 \\ 5.6 \\ 13.9 \\ 33.3 \\ 36.1 \\ 4.2 \\ 23.6 \\ 33.3 \\ 56.9 \\ 1.4 \\ 5.6 \\ 33.3 \\ 56.9 \\ 1.4 \\ 5.6 \\ 45.8 \\ 41.7 \\ - \\ 9.7 \\ 1.4 \\ 83.3 \\ 4.2 \\ 22.2 \\ 43.1 \\ 27.8 \\ 44.4 \\ 37.5 \\ - \\ - \\ - \\ $	30.0
•		routino office treatment*	41.3	46.9	45.4	41.7	43.3
19.	A 16-year-old boy with muscular dystrophy	after consultation with specialist	44.4	37.0	34.1	36.1	37.8
	and carlous lesions in several teeth	only in a hogpital	9.5	1.2	5.7	5.6	5.6
		refer to dental specialist	4.8	12.3	10.2	13.9	6.7
		routine office treatment	68.2	39.5	42.0	33.3	53.3
20.	An 18-year-old moderately retarded	aftor consultation with specialist	17.5	38.3	32.9	36.1	32.2
	controlled epileptic with gingival	only in a hospital	1.6	7.4	4.5	4.2	-
		refer to dontal specialist*	12.7	11.1	14.8	23.6	7.8
	• •	routino offico treatment	31.7	25.9	36.4	33.3	40.0
21.	A 12-year-old girl with a recent history of	after consultation with specialist*	63.5	64.2	52.3	56.9 -	45.6
	rhefmatic fever who is in need of an extraction	only in a hospital	1.6	3.7	4.5	1.4	3.3
		refer to dental specialist	3.2	3.7	4.5	5.6	5.6
		routine offico treatment*	47.6	48.1	59.1	45.8	55.6
22.	A 48-year-old woman with multiple sclerosis	aftor consultation with specialist	42.9	45.7	30.7	41.7	35.6
	and gingival inflammation	only in a hospital	4.8	1.2	1.1	-	2.2
		rofor to dental specialist	3.2	3.7	6.8	9.7	2.2
		routine office treatment	1.6	1.2	6.8	2.8	1.1
23.	A 60-year-old man in need of an obturator for	after consultation with specialist*	12.7	7.4	12.5	9.7	7.8
	oquamous cell carcinoma of the hard palate	routine office treatment 23.4 21.0 22.7 after consultation with specialist 15.9 19.7 15.9 only in a hospital* 25.4 32.1 26.1 routine office treatment* 31.7 24.7 31.8 routine office treatment* 41.3 46.9 45.4 after consultation with specialist 44.4 37.0 34.1 only in a hospital 9.5 1.2 5.7 refer to dental specialist 44.4 37.0 34.1 only in a hospital 9.5 1.2 5.7 refer to dental specialist 4.8 12.3 10.2 routine office treatment 68.2 39.5 42.0 after consultation with specialist 17.5 38.3 32.9 only in a hospital 1.6 7.4 4.5 refer to dental specialist* 12.7 11.1 14.8 routine office treatment 31.7 25.9 36.4 after consultation with specialist* 32.7 4.5 refer to dental specialist 3.2 3.7 4.5	1.4	-			
	ت	rofer to dental specialist	85.7	90.1	76.1	83.3	_86.7_
~	• • •	routine office treatment "	-	1.2	3.4	4.2	1.1
24.	A 16-year-old hemophiliac with a badly	after consultation with specialist	17.5	30.9	28.4-	22.2	21.1
	decayed molar that must be extracted	only in a hospital*	49 ~ 2	37.0	42.0	43.1	41.1
		refor to dental specialist	33.3	24.7	17.0	27.8	32.2
		routino office treatmont*	.68.2	55.6	55.7	44.4	54.4
25.	An 18-year-old controlled, diabetic in need	after consultation with specialist*	28.6	38.3	29.5	37.5	26.7
	of Singivoplasty	only in a hospital .	-	-	2.3	-	-
		rofor to dental specialist	3.2	6.2	6.8	15.3	14.4

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* Alternatives selected by advisory committee. Total percentaĝes may differ from 100 because of emissions and rounding error.

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TABLE 7

Percentage of Students from All Schools Reporting Different Expected Professional Activities After Graduation*

• •	<u></u>		Years		
Type of Activity	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>
Self-employed professional practice	26.2	27.3	27.6	30.7	29.3
Professional partnership	20.5	17.6	17.8	19 .9	14.9
Employed professional practice	16.2	15.0	13.5	15.2	16.5
Full-time residency or graduate training	14.8	15.5	19.9	22.7	24.7
Research and/or teaching	3.6	2.6	1.9	2.2	2.5
Military service	18.8	17.8	17.6	10.4	9.8
Other activities	7.4	8.0	5.2	4.1	3.6
Various' Undergraduat	e Major	8			
Majors					
Predentistry or premedicine	47.0	37.7	35.7	30.7	29.6
Other biological sciences	29.8	33.4	31.4	35.2	36.7
English	0.9	0.9	0.9	1.0	1.3
Mathematics	2.1	1.9	2.0	2.3	1.3
Physical science	2.7	2.9	3.5	4.5	4.3
Engineering	1.3	3.2	4.6	3.9	4.ŀ
Psychology, sociology, or social work	6.5	5.8	7.1	6.8	6.0
Other social sciences	2.8	2.3	2.6	3.2	2.8
Other majors	6.1	8.1	8.1	7.5	8.0
One Year or More of Full-Time	Work E:	xperién	ce**		,
Time Period					
Before undergraduate college	10.3	12.1	15.9	14.8	12.7
Between undergraduate college and dental schoo	1 17.1	23.0	27.6	28.5	30.1
Background Characte	<u>ristics</u>				
Characteristics		x			
	7 /.	11 0	10 /	11 0	7 Ω
Military service	7.4	(TT*0	14.4	0.0	7.0
Peace Corps, VISTA, or other group	6.0	6.6	0.0	11 6	0.1
Handicapped person in family	. 0.0	0.0	9.7	11.4	0.5
Attitudes Toward Treating Han	dicapped	l Patier	n t 8		
Attitude	1	. •			
t - 71.5 million - Allowedd Malan					
Avoid when possible		5.8	1.6	1.4	0.7
Treat only when required		49.7	51.3	48.4	46.6
Occasionally treated		32.1	32.4	38.1	42.1
Actively sought experiences		6.9	8.7	6.7	7.2
					^
* This question allowed for multiple response,	total p	percenta	ages _wil	ll be	
greater than 100%.					
**Because these were asked as separate question	ns, pero	centages	3 will r	n ot equa	1 100%

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1974 and 1977, but dropped to 15 percent in 1978. Only two choices show clear trends. Full-time residency or graduate training increased from 15 percent in 1974 to about 25 percent in 1978, while military service declined from 19 percent in 1974 to 10 percent in 1978.

Predentistry or premedicine was the undergraduate major for nearly half of the 1974 graduates. Its popularity then declined steadily to just 30 percent ⁻ for 1978 graduates. Over the same period, other biological sciences increased from 30 percent to 37 percent. The end of the military draft is a possible contributing factor here, since it released students from the pressure of making early vocational commitments.

Around 10 percent each year had an undergraduate major in the social sciences. Ten percent or more of the students each year had a year or more of full-time work experience before entering undergraduate college. The number having full-time work experience between undergraduate college and dental school increased rather steadily from 17 percent in 1974 to 30 percent in 1978. The end of the draft and increasing tuition costs, both for undergraduate and dental schools, are quite likely contributing factors here.

The number who had had military service increased from seven percent in 1974 to 12 percent in 1976 and then declined to 8 percent in 1978. Fewer than one percent reported Peace Corps, VISTA, or similar service in any year.

The number reporting a handicapped person in the family ranged from seven percent in 1974 to 11 percent in 1977. In 1975 through 1978, a question was included on attitudes toward treating handicapped patients. In 1975, about six percent said they avoided such patients when possible. By 1978, this response was chosen by less than one percent. Close to 50 percent each year said they treated such patients only when they had to. The number who reported

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they occasionally treated such patients (voluntarily) increased from 32 percent in 1975 to 42 percent in 1978. Less than 10 percent each year said they actively sought such experiences. In these responses, there is clear confirmation that the Foundation's program had the desired effect upon substantial numbers of students and substantiates anecdotal evidence gathered in site visits during and after the funding period.

Data for individual schools are shown in Tables 7-1 through 7-11. With, of course, smaller numbers of students involved in each of these tables, substantial irregularity in results is to be expected. Hence, comment will be made only on those figures where there is marked departure from the overall pattern. At School 01, more students expected to go into solo professional practice and a larger number had majored in predentistry or premedicine.

At School 02, a considerably larger percentage expected to enter employed professional practice, and considerably fewer expected to enter military service. A much smaller percentage had majored in predentistry or premedicine, and more had majored in other biological sciences. A larger number reported "that they had seen handicapped patients in addition to those covered by course requirements.

School 03 was represented only in 1974 and 1975.

At School 04, a particularly large percentage of students in 1974 expected to enter military service, and while this percentage declined in subsequent years, it was still considerably above the total group in 1978. The percentage of students who said they treated handicapped patients only when required decreased from 74 percent in 1975 to 44 per cent in 1978. There was a concomitant increase in those who reported treatment of handicapped patients in . addition to those of course requirements.

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			Years	•	
Type of Activity	1974	1975	1976	1977	<u>1978</u>
Salf-amployed professional practice	35.8	37.5	36.2	30.8	33.9
Professional partnership	11.3	10.9	11.6	10.8	24.2
Employed professional practice	7.5	3.1	11.6	4.6	1.6
Eull-time residence or graduate training	17.0	17.2	20.3	21.5	24.2
Research and/or teaching	5.7	4.7	2.9	4.6	-
Military service	22.6	20.3	20.3	24.6	9.7
Other activities	5.7	9.4	<u>с</u>	4.6	4.8
Various Undergraduate	Majors	51			
Majors					
Predentistry or premedicine	56.6	62.5	47.8	44.6	50.0
Other biological sciences	24.5	17.2	20.3	30.8	29.0
English	-	3.1	1.4	1.5	
Mathematics	3.8	4.7	4.3	1.5	1.0
Physical science	1.9	1.6	1.4		4.8
Engineering *	3.8	-	8.7	3.1	5.4
Psychology, Sociology, or social work	1.9	1.6	2.9	6.1	0.4
Other social sciences	3.8	-	5.8	4.0	
Other majors	3.78	9.4	2.9	0 . T	3.2
One Year or More of Full-Time	Work E:	xperieno	<u>ee**</u>		
Time Period			. •		
P. C. a. undermaduate college	13.2	7.8	5.8	9.2	17.7
Between undergraduate college and dental school Between undergraduate college and dental school	18.9	26.6	37.7	26.1	25.8
Background Character	istics		·-		
Characteristics	ŕ	•	1	•	·
Military service	15.1	12.5	14. 5	15.4	9.7
Poaco Corne VISTA, or other group	-	***	2.9		-
Handicapped person in family	5.7	3.1	11.6	7.7	8.1
Attitudes Toward Treating Hand	licappe	<u>d Patie</u>	nts		
Attitude					
Avold when nored hlo		6.2	-	-	4.8
Trast only when regulared		45.3	53.6	36.9	48.4
decasionally treated		37.5	42.0	61.5	40.3
Actively sought experiences	-	10.9	2.9	1.5	4.8
* This question allowed for multiple response, greater than 100%.	total	percent	ages wi	11 be;	

Percentage of Students from School One Reporting Different Expected Professional Activities After Graduation*

TABLE 7-1

**Because these were asked as separate questions, percentages will not equal 100%.

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Percentage of Students from School Two Reporting Different Expected Professional Activities After Graduation*

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			Years		
Type of Activity	<u>1974</u>	<u>1975</u>	1976	<u>. 1977</u>	<u>1978</u>
Self-employed professional practice	9.7	23.3	24.5	30.1	28.6
Professional partnarchin	21.0	25.6	21.4	19.3	8.3
Frulessional partnership	38 7	22.0	16 3	29 0	32.1
Employed professional practice	26.7	18 6	20 6	19.3	17.9
Full-time residency or graduate training	24.2	2 5	5 1	3 2	2 4
Research and/or teaching	-	2.2	2.1	2.4	5 0
Military service	- *	2.3	0.1	2.1	5.9/
Other activities	8.1	10.5	10.2	5.4	3.0 .
<u>Various Undergraduate</u>	Majors	ι.			
Majors				_	
					10 1
Predentistry or premedicine	30.6	30.2	•21.4	9.7	13.1
Other biological sciences	40.3	41.9	42.9	57.0	51.2
English	-		2.0	1.1	-
Mathematics	-	1.2	1.0	1.1	2.4
Physical science	3.2	4.6	3.1	8.6	10.7
Fnginaoring	1.6	3.5	6.1	4.3	2.4
Boucheleau coofeleau en coofel uerk	14.5	7.0	7.1	4.3	5.9
Athen and a set of the	3.2	4.6	3.1	2.1	4.8
Other social sciences	6 /	4.6	11 2	7.5	4.8
Other majors	0.4	4.0	T T + C		1.0
• 'One Year or More of Full-Time	Work Ex	<u>perien</u>	<u>:e</u> **	_	1 - L
		,		•	
Time Period		0			
	Λ Q	16 3	22 A	14 0	8.3
Before undergraduate college	4.0	10.0	26.4	14·V 0/ 7	20.3
Between undergräduate college and dental school	9.7	22.1	24.7	24.1	
Background Character	istics			•	:
•				1	
<u>Characteristics</u>				0	
	4 8	8.1	10.2	7.5	3.6
Military gervice	4.0	1 2	70.2	11	-
Peace Corps, VISTA, or other group	1.0	1.4	11 2	14 0	0 5
Handicapped person in family	9.7	. 3.3	11.6	14.0	7.3
Attitudes Toward Treating Hand	icapped	Patier	nts		
Attitude					·**
Avoid when possible		9.3	2.0	1.1	
Trast only when regulared		36.0	51.0	38.7	33.3
ALCAL ONLY WHEN LEQUIDED		45.3	36.7	49.5	52.4
A A fuely treated		8.1	9.2	9.7	9.5
actively sought experiences			, T L		
* This question allowed for multiple response, greater than 100%.	total p	ercenta	ngês wi	ll be	

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**Because these were asked as separate questions, percentáges will not equal 100%.

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Percentage of	Students from School Three Reporting
Different Expected	Professional Activities After Graduation*

				Years	
Type of Activity		1974	<u>1975</u>	<u>1976</u> *** <u>1977</u> *** <u>1978</u>	***
		20.0	24.3		,
Self-employed professional plactice		31.4	8.1		
Professional partners p	•	11 4	32.4		
Employed professional gractice	•	17 1	13 5		
Full-time residency or graduate training		2 0	-		
Research and/or teaching		16.2	19.0	6	
Military service		14.5	Ω 1		
Other activities		0.0	0.1		
Various Undergrad	<u>duate</u>	Majors	S.		
Malara				.~ b *	
Plator 9		,		•	
Productietry or premedicine		51.4	-51.3	0	
Other biological sciences		25.7	32.4		
Realish			2.7		
Ragiisa Mathamatian		-	-		
Philippine Livs Dhuntan'i noinnea		2.9	2.7		
Physical science .		2.9	18.8	•	
rngineering womeniew costology or costal work	•	5.7			
Other contal actorses	•	, 2.9	-		
Other social sciences	,	8.6	-	•	
other majors				*	
• One Year or More of Fule	Time V	lork E	xperienc	<u>.e</u> **	لمر
Time Period	•				· (
· · · · · · · · · · · · · · · · · · ·		•	10.0	•	4
Before undergraduate college Between undergraduate college and dental s	j chool	5.7 .8.6	10.8 32.4		
Background Char	racter	letics		,	
Charactorictics					
Military corvice		2.9	16.2		
Poseo Corps. VISTA, or other growp		-		, .	
Handroapped person in family			8.1	3	
	- · · · · · · · · · · · · · · · · · · ·		J. Basilo	***	
Attitudeo Toward Treating	<u>g Hand</u>	ucappe o	<u>a ratie</u>	II CO	
Attitude			·		,
≖ · '			. 27 0		
Avoid when possible		•	· 27.0		
Treat only when required			21.U 20 C	•	
Occusionally treated	ن ه	and the	40.7		
Actively cought experiences		u	2.1		
A list amouston allowed for multiple recou	onge.	total	percent	ageo will be	
amontar than 100%				,	
- greater than 1996.	ent for	is, per	centare	o will not equal 10	0%.
when the anti-analianta for the your				•	
wwhatg wer grantable for ento Acor				Ť.	

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TABLE 7-4

Percentage of Students from School Four Reporting) Different Expected Professional Activities After Graduation*

		<u>.</u>	Years	
Type of Activity	1974	1975	<u>1976</u>	<u>1977***1978</u>
j l		•		
Self-employed professional practice	8.7	13.2	29.5	24.6
Professional partnership .	13.0	13.2	17.0	17.2
Employed prefessional practice	21.7	15.1	10.7	11.5
Full-time residency or graduate training	17.4	23.6	*18.7	24.6
Research and/or teaching	-	. 🗕	— ,	0.8
Military service	43.5	31.1	25.9	19.7
Other activities	8.7	6,6	1.8	2.5
Various Undergradua	te Majors	<u>s</u>		۰ ٥
Majors				
				- ·
Predentistry of premedicine	21.7	27.4		17.2
Other biological sciences	39.1	40.6	35.7	45.1
English	4.3	. —	0.9	/1.6
Mathematics "	_	1.9	3.6	0.8
Physical science	4.3	2.8	1.8	1.6
Fngineering	_	4.7	5.4	4.9
Bayabalagy sociology or social work	13.0	12.3	8.9	. 9.8
Other social sciences	-	<u> </u>	_	4.1
Other social sciences	87	6 6	9.8	8.2
other majors a		0.0	,	
One Year or More of Full-Tip	me Work É	xperier	ice**	
$\sim m_{\rm em}^2 = 1$	-			. 4
Time Period	`		ŝ	*
Before undergraduate college	4.3	7.5	18.7	13.1
Between undergraduate college and dental sch	001 21.7	20.7	25.0	35.2
Background Charac	toristics			
	,			
Charactoristics	-			
	~			
Military corvice	4.3	13.2	14.3	12.3
Military Service	×			· _
Handicapped person in family	13.0	7.5	8.0	9.8
. Attitudas Toward Treating H	andicanne	d Patie	ents	
ALLILOUES TOWARD IF CALLING I	undreuppe			,
Áttitude .	:			
	• •			
Avoid when possible		-	. 0.9	
Treat only when required		73.6	52 .7	44.3
Occasionally treated	*	17.0	40.2	44.3
Actively cought experiences		9.4	5.4	. 9.8
Actively sought experiences			۳ 🜲	
* This question allowed for multiple respons	e, total	percen	tages wi	. 11 be
greater than 100%.		•		not ogual 100
Because these were asked as separate quest *Data not available for this year.	10ns, per	centag	es will	not equal 100
				· a
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Fewer. School 05 students expected to enter full-time residency or graduate training in comparison with the total group, and a consistently larger percentage in each year expected to enter employed professional practice. School 05 students were also well above the total group in the percentage reporting that they treated handicapped patients only when required to. However, almost none said they avoided such patients.

School 06 was represented in 1974 through 1977 only. In 1975, the percentage who reported they avoided treating handicapped people was considerably higher than for the total group, although this declined substantially by 1977. The percentage who did not answer this question at all was also substantially higher than that for the total group, particularly in 1976 and 1977.

A greater proportion of School 07 students expect to enter solo practice than was true for the total group. A substantially higher percentage had predentistry or premedicine undergraduate majors. The percentage saying they avoided treating handicapped patients was also higher than for the total group, but did show a decline between 1975 and 1978.

School 08 had a considerably larger percentage of students who expected to enter full-time residency or graduate training than the total group did and a considerably smaller number expecting to enter practice, either solo or in partnership.

Offly one student said he avoided treating handicapped patients, but there were also a somewhat smaller percentage who said they treated more such patients than the course requirements necessitated. In 1978, about a fourth of the students did not answer the question on treatment of handicapped patients.

Data were available for School 09 only in 1976, 1977, and 1978. Here again, an unusually small percentage of students expected to enter private

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Percentage of Students from School Five Reporting Different Expected Professional Activities After Graduation*

				<u> </u>	Years			•
Type of Activity			<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>	
Self-employed professional pract	·ice		30.3	26.4.	28.8	29.6	25.2	
Professional partnership			19.1	20.8	22.9	26.5	· 20.0	¢
Employed professional practice		•	20 2	21 6	24.6	20.4	25.2	Ð.
Employed professional practice			4 5	12 6	4.0	17 3	13 0	
Full-time residency or graduate	training		10 1	8 0 T2.0	17	4 1	6 1	
Research and/or teaching	ø	₽,	10.1	⁴ 11 0	10.2	· 7 1	11 2	
Military service			16.8	11.2	10.2	8° / • L	ττ.Ĵ	n
Other activities			9.0	9.6	10.2	3.1	5.2	ہ '
Variou	<u>is Undergra</u>	aduate	Majors	<u>S</u>	4	r	·	÷
Majors						, ·		
Predentistry or premedicine			40.4	36.8	44.1	37.8	29.6	
Other biological sciences			33.7	34.4	24.6	34.7	29.6	
English			3.4	0.8	0.8	1.0	3.5	
Mathematics			2.2	3.2	0.8	2.0	0.9	D .
Physical science			1.1	1.6	2.5	3.1	2.6	
Engineering			-	4.0	3.4	4.1	6.1	
Psychology sociology or social	work		7.9	6.4	7.6.	4.1	3.5	·
Other social sciences	WOIR		3.4	4.0	2.5	4.1	2.6	
Other majors			7.9	5.6	9.3	7.1	14.8	
other majors			ł	n an				
<u>One Year or Mor</u>	e of Full	-Time	Work E	xperiend	<u>e**</u>			
<u>Time Period</u>	۵		ų					
Before undergraduate college		• •	10.1	11.2	16.1	19.4	13.9	
Between undergraduate college ar	nd dental, s	school	15.7	19.2	22.0	22.4	21.7	, 0
Backs	round Chai	racter	istics	•	-			9
	<u>, , , , , , , , , , , , , , , , , , , </u>		<u> </u>	•	ت ۲			
Characteristics				•				X
Military service			7.9	6.4	15.2	10.2	7.8	
Peace Corps, VISTA, or other gro	מווס		-	1.6	1.7		· 🗕	
Handicapped person in family	, op		5.6	10.4	9.3 (12.2	6.1	•
<u>Attitudes Towa</u>	d Treating	g Hand	icappe	d_Patier	<u>nts</u>			
Attitude				· ·		19		
				0.0	~			
Avoid when possible		-		0.0	=	-		· .
Treat only when required				02.4	J/.0 2/ 7	70.4	0 65 ' C 0C '	° 8
Occasionally treated				23.2	24.7	24.3	22.0	
Actively sought experiences			•	0.4	0.0	2.1	. J.Z.	
* This question allowed for mult	tiple resp	onse,	total	percenta	ages wil	1 ~ be		
greater than 100%.	•				`			
**Because these were asked as se	eparate qu	estion	s, per	centages	s wi ll r	not equ	al 100%	•

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Percentage of Students from School Six Reporting Different Expected Professional Activities After Graduation*

	<u>.</u>		Years		
Type of Activity	1974	<u> 1975</u>	<u>1976</u>	<u>1977</u>	1978**
Self-employed professional practice	38.4	24.8	30.8	41.7	
rofessional partnership	20.5	30.1	40.0	41.7	•
mployed professional practice	12.3	13.3	12.3	4.7	
ull-time residency or graduate training	9.6	11.5	11.5	7.1	
esearch and/or teaching	1 2 7	• 0.9	1.5		• • ·
dilitary service	21.0	14.2	6 1	7.0	
Other activities	² د د د د د د د د د د د د د د د د د د د	4.4	4.6	4.8 4.8	`
Various Undergra	duate Major	5 -	u n	•	
Majors			•		۵ ۵
	•			10.0	
Predentistry or premedicine	52.0	30.1-	33.1	19.0	
)ther biological sciences	20.5	31.0	31.5	35.7	
Inglish	1.4		1.5	-	
1athematics	8.2	1.8	2.3	3.6	,
hysical science	2.7	5.3	2.3	6.0	
Engineering	1.4	2.6	1.5	°2.4	•
Psychology, sociology, or social work	2.7	7.1	8.5	14.3	
)ther social sciences	1.4	1.8	4.6	4.8	
ther majors	6.8	8.8	12.3	8.3	-
One Year or More of Full-	Time Work E	xperien	<u>ce</u> **		<i>∿</i>
Time_Period				n	
Pofere undergraduate cellege	† 6	8.8	17 7		
Between undergraduate college and dental s	chool 17.8	20.3	29.2	30.9	
Background Char	<u>acteristics</u>	• •			
Characteristics					
character istics			a		
Military service	6.8	9.7	10.0	20.2	n de la companya de l
Peace Corps. VISTA. or other group	~	_	0.8	2.4	
Handicapped person in family	8.2	6.2	10.8	10.7	• • •
Attitudes Toward Treating	Handicappe	d Patie	nts	- *•	•
Attitude					
woid when possible		11.5	6.1	1.2	
Prost only when required		56.6	37.7	41.7	
Decosionally treated		12.4	10.0	14.3	
Occasionally treated		2 6	13.8	2 A 3	
Actively sought experiences		£ • V	TIC	0. J	
* This question allowed for multiple respo greater than 100%.	nse, total	percent	ages wi	1 1 be	
**Because these were asked as separate que **No data available for this year.	stions; per	centage	s will	not equ	al 100%.
		•			
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•			Years		·
Type of Activity	1974	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>19</u> 78
Self-employed professional practice	33.3	42.5	45.3	39.5	56.1
Professional partnership	27.8	12.8	11.3	15.8	14.6
Employed professional practice	11.1	12.8	3.8	7.9	4.9
Full-time residency or graduate training	9.3	8.5	9.4	15.8	12.2
Possarch and/or topohing	-	_	· · 🏭 ·	2.6	· – .
Military corvice	20.4	17.0	30.2	13.2	14.6
Other activities	-	4.3	1.9	2.6	2.4
Various_Undergraduate	e Majors	<u>5</u>		•	د د31
Maiore		- . .			
14 10 - 3	•		,	<i>r</i>	
Predentistry or premedicine	72.2	44.7	52.8	34.2	41.5
Other biological sciences	20.4	27,.7	28.3.	28.9	31.
English	-	2.1	-	2.6	- ·
Mathematics	-	4.3	3.8	2.6	-
Physical science	1.8	2.1	5.7	2.6	4.
Fngingering		-	3.8	5.3	4.9
Psychology sociology or social work	1.8	· • –	-	2.6	. 2.
Other social sciences	3.7	-	-	- `	
Other majors	-	12.8	5.7	7.9	12:
	WOLK E	<u>nper rem</u>			
Time Period	, ,	<u>perien</u>	, .		v
Time Period Before undergraduate college	<u>9.3</u>	8.5	17.0	13.2	7.
<u>Time Period</u> Before undergraduate college Between undergraduate college and dental school	9.3 5.6	8.5 19.1	17.0 28.3	13.2 23.7	7. 29.
<u>Time Period</u> Before undergraduate college Between undergraduate college and dental school <u>Background Character</u>	9.3 5.6	8.5 19.1	17.0 28.3	13.2 23.7	7. 29.
<u>Time Period</u> Before undergraduate college Between undergraduate college and dental school <u>Background Character</u> Characteristics	9.3 5.6 <u>istics</u>	8.5 19.1	17.0 28.3	13.2 23.7	7. 29.
<u>Time Period</u> Before undergraduate college Between undergraduate college and dental school <u>Background Character</u>	9.3 5.6 <u>fistics</u>	8.5 19.1	17.0 28.3	13.2 23.7	7. 29.
<u>Time Period</u> Before undergraduate college Between undergraduate college and dental school <u>Background Character</u> <u>Characteristics</u> Military service	9.3 5.6 <u>1stics</u> 5.6	8.5 19.1	17.0 28.3 24.5	13.2 23.7 10.5	7. 29. 17.
<u>Time Period</u> Before undergraduate college Between undergraduate college and dental school <u>Background Character</u> <u>Characteristics</u> Military service Peace Corps, VISTA, or other group Mandicapped person in family	9.3 5.6 5.6 5.6 1.8	8.5 19.1 12.8 - 6.4	17.0 28.3 24.5 - 7.5	13.2 23.7 10.5 18.4	7. 29. 17. 2.
<u>Time Period</u> Before undergraduate college Between undergraduate college and dental school <u>Background Character</u> <u>Characteristics</u> Military service Peace Corps, VISTA, or other group Handicapped person in family <u>Attitudes Toward Treating Hand</u>	9.3 5.6 <u>istics</u> 5.6 1.8 <u>iicappee</u>	8.5 19.1 12.8 - 6.4 1 Patien	17.0 28.3 24.5 - 7.5	13.2 23.7 10.5 18.4	7. 29. 17. 2.
<u>Time Period</u> Before undergraduate college Between undergraduate college and dental school <u>Background Character</u> <u>Characteristics</u> Military service Peace Corps, VISTA, or other group Handicapped person in family <u>Attitudes Toward Treating Hand</u> <u>Attitude</u>	9.3 5.6 <u>fistics</u> 5.6 1.8 <u>ficapped</u>	8.5 19.1 12.8 - 6.4 <u>19.1</u>	17.0 28.3 24.5 7.5	13.2 23.7 10.5 18.4	7. 29. 17. 2.
<u>Time Period</u> Before undergraduate college Between undergraduate college and dental school <u>Background Character</u> <u>Characteristics</u> Military service Peace Corps, VISTA, or other group Handicapped person in family <u>Attitudes Toward Treating Hand</u> <u>Attitude</u>	9.3 5.6 <u>1stics</u> 5.6 1.8 <u>1</u>	8.5 19.1 12.8 	17.0 28.3 24.5 - 7.5	13.2 23.7 10.5 $\overline{18.4}$	7. 29. 17. 2.
<u>Time Period</u> Before undergraduate college Between undergraduate college and dental school <u>Background Character</u> <u>Characteristics</u> Military service Peace Corps, VISTA, or other group Handicapped person in family <u>Attitudes Toward Treating Hand</u> <u>Attitude</u> Avoid when possible	9.3 5.6 <u>1stics</u> 5.6 1.8 <u>1</u>	8.5 19.1 12.8 6.4 1 Patien 8.5	17.0 28.3 24.5 7.5 <u>hts</u>	13.2 23.7 10.5 18.4 (5.3)	7. 29. 17. 2.
<u>Time Period</u> Before undergraduate college Between undergraduate college and dental school <u>Background Character</u> <u>Characteristics</u> Military service Peace Corps, VISTA, or other group Handicapped person in family <u>Attitudes Toward Treating Hand</u> <u>Attitude</u> Avoid when possible Treat only when required	9.3 5.6 <u>5.6</u> 1.8 <u>1</u>	8.5 19.1 12.8 - 6.4 1 Patien 8.5 36.2	17.0 28.3 24.5 - 7.5 <u>nts</u> 1.9 66.0	$13.2 \\ 23.7 \\ 10.5 \\ - \\ 18.4 \\ (5.3 \\ 44.7 \\ 24.$	7. 29. 17. 2. 48.
<u>Time Period</u> Before undergraduate college Between undergraduate college and dental school <u>Background Character</u> <u>Characteristics</u> Military service Peace Corps, VISTA, or other group Handicapped person in family <u>Attitudes Toward Treating Hanc</u> <u>Attitude</u> Avoid when possible Treat only when required Occasionally treated	9.3 5.6 <u>istics</u> 5.6 1.8 <u>itcapped</u>	8.5 19.1 12.8 - 6.4 <u>1 Patien</u> 8.5 36.2 40.4	17.0 28.3 24.5 - 7.5 <u>1155</u> 1.9 66.0 30.2	$13.2 \\ 23.7 \\ 10.5 \\ - \\ 18.4 \\ (5.3 \\ 44.7 \\ 34.2 \\ 10.5 \\ - \\ $	7. 29. 17. 2. 2. 48. 41.
Time Period Before undergraduate college Between undergraduate college and dental school <u>Background Character</u> <u>Characteristics</u> Military service Peace Corps, VISTA, or other group Handicapped person in family <u>Attitudes Toward Treating Hand</u> <u>Attitude</u> Avoid when possible Freat only when required Decasionally treated Actively sought experiences	9.3 5.6 <u>1stics</u> 1.8 <u>1</u>	8.5 19.1 12.8 - 6.4 <u>1 Patien</u> 8.5 36.2 40.4 4.3	17.0 28.3 24.5 - 7.5 <u>1.9</u> 66.0 30.2 1.9	13.223.7 10.5 $$ 18.4 (5.3) 44.7 34.2 10.5	7. 29. 17. 2. 48. 41. 4.

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Percentage of Students from School Eight Reporting Different Expected Professional Activities After Graduation*

Type of Activity19741975197619771978Self-employed professional practice5.9-2.613.3-Professional partnership11.89.72.64.415.8Employed professional practice23.53.212.813.318.4Full-time residency or graduate training38.248.474.453.342.1Research and/or teaching-6.4-2.22.6Military service11.816.15.113.35.3Other activities8.812.95.1-2.6Various Undergraduate MajorsMajorsPredentistry or promedicine41.245.235.933.328.9Other biological sciences29.422.625.628.918.4English-6.4-6.72.6Mathematics-2.93.27.76.75.3Prysical science2.93.27.76.75.9Engineering2.96.47.76.7-Predentistry or promedicingPredentist2.27.76.75.9EnglishMathematicsPredentistry or promedicingBayc	م			Years		
Solf-employed professional practice 5.9 2.6 13.3 Professional partnership 11.8 9.7 2.6 4.4 15.8 Employed professional practice 23.5 3.2 12.8 13.3 18.4 Full-time residency or graduate training 36.2 48.4 74.4 53.3 42.1 Research and/or teaching - 6.4 - 2.2 2.6 Military service 11.8 16.1 5.1 13.3 5.3 Other activities 8.8 12.9 5.1 - 2.6 Majors 29.4 22.6 25.6 28.9 18.4 English - 6.4 - 6.7 2.6 Matematics - - 2.2 7.9 Physical science 8.8 - 12.8 2.2 7.9 Begionering - - - - - - - Prevelogy, social cology, or social work 14.7 6.4 10.3 11.1 7.9 Other social sciences 2	Type of Activity	<u>1974</u>	1975	<u>1976</u>	<u>1977</u>	<u>1978</u>
Self-employed professional practice 3.5 4.4 15.8 Employed professional partetie 23.5 3.2 12.8 13.3 18.4 Employed professional practice 23.5 3.2 12.8 13.3 18.4 Full-time residency or graduate training 38.2 48.4 7.4 53.3 42.1 Research and/or teaching - 6.4 - 2.2 2.6 Military service 11.8 16.1 5.1 13.3 5.3 Other activities 8.8 12.9 5.1 - 2.6 Warious Undergraduate Majors - 6.4 - 6.7 2.6 Major5 - - 6.4 - 6.7 2.6 Matematics - - 6.4 - 6.7 2.6 Matematics - - 2.7 7.7 6.7 5.3 Prodestical science 8.8 12.8 2.2 7.7 6.7 5.3 Psychology, sociology, or social work 14.7 6.4 10.3 11.1 7.9		5 0		2.6	13.3	-
Professional partnership 11.0 9.7 2.8 13.3 18.4 Employed professional practice 23.5 3.2 12.8 13.3 18.4 Full-time residency or graduate training 38.2 48.4 74.4 53.3 42.1 Research and/or teaching - 6.4 - 2.2 2.6 Military service 11.8 16.1 5.1 13.3 5.3 Other activities 8.8 12.9 5.1 - 2.6 Various Undergraduate Majors Majors Predentistry or promedicine 41.2 45.2 35.9 33.3 28.9 Other biological sciences 29.4 22.6 25.6 28.9 18.4 Engineering - 6.4 - 2.2 - Psychology, sociology, or social work 14.7 6.4 10.3 11.1 7.9 Other social sciences - - - - - - - - - - - - - - - - - - -	Self-employed professional practice	11 0	~~7	2.0	4.4	15.8
Employed professional practice 23.3 3.2 12.6 12.7 16.7 Full-time residency or graduate training 38.2 48.4 74.4 53.3 42.1 Research and/or teaching 11.8 16.1 5.1 13.3 5.3 Military service 11.8 16.1 5.1 13.3 5.3 Other activities 8.8 12.9 5.1 - 2.6 Warious Undergraduate Majors - 2.6 25.6 28.9 18.4 Predentistry or premedicine 29.4 22.6 25.6 28.9 18.4 English - - 6.4 - 6.7 2.6 Matematics - - 2.2 7.9 18.4 11.1 7.9 Physical science 8.8 12.8 2.2 7.9 11.1 7.9 Prescolads sciences - - - - 2.2 - Prescolads sciences - - - - - - - - - - - - - <	Professional partnership	11.0	9.1	10 0	12.3	18 /
Full-time residency or graduate training 38.2 48.4 44.4 33.3 42.1 Research and/or teaching - 6.4 - 2.2 2.6 Military service 11.8 16.1 5.1 13.3 5.3 Other activities 8.8 12.9 5.1 - 2.6 Warious Undergraduate Majors Majors Predentistry or premedicine 41.2 45.2 35.9 33.3 28.9 Other biological sciences 29.4 22.6 25.6 28.9 18.4 English - - - 2.7 - Mathematics - - - 2.7 - Physical science 8.8 - 12.8 2.2 7.9 Britheering 2.9 3.2 7.7 6.7 - Other social sciences - - - - - Psychology, sociology, or social work 14.7 6.4 7.7 6.7 - Other majors f 2.9 6.4 7.7 15.6 -	Employed professional practice	23.5	3.4	12.0	T)•1	42 1
Research and/or teaching - 6.4 - 2.2 2.6 Military service 11.8 16.1 5.1 13.3 5.3 Other activities 8.8 12.9 5.1 - 2.6 Various Undergraduate Majors Majors Predentistry or premedicine 41.2 45.2 35.9 33.3 28.9 Other biological sciences 29.4 22.6 25.6 28.9 18.4 English - 6.4 - 6.7 2.6 Mathematics - - - 2.2 7.9 Physical science 8.8 - 12.8 7.7 5.3 Psychology, sociology, or social work 14.7 6.4 10.3 11.1 7.9 Other social sciences 2.9 6.4 7.7 6.7 - Other majors - <td< td=""><td>Full-time residency or graduate training</td><td>38.2</td><td>48.4</td><td>74.4</td><td>23.3</td><td>42.1</td></td<>	Full-time residency or graduate training	38.2	48.4	74.4	23.3	42.1
Military service 11.8 16.1 5.1 13.3 5.3 Other activities 8.8 12.9 5.1 - 2.6 Various Undergraduate Majors Majors Predentistry or premedicine 41.2 45.2 35.9 33.3 28.9 Other biological sciences 29.4 22.6 25.6 28.9 18.4 English - 6.4 - 6.7 2.6 Mathematics - - 2.2 - - Physical science 8.8 - 12.7 7.9 - Psychology, sociology, or social work 14.7 6.4 10.3 11.1 7.9 Other social sciences - <td>Research and/or teaching</td> <td>-</td> <td>6.4</td> <td></td> <td>2.2</td> <td>2.0</td>	Research and/or teaching	-	6.4		2.2	2.0
Other activities 8.8 12.9 5.1 - 2.6 Various Undergraduate Majors Majors Predentistry or premedicine - 41.2 45.2 35.9 33.3 28.9 Other biological sciences 29.4 22.6 25.6 28.9 18.4 English - 6.4 - 6.7 2.6 Mathematics - - - 2.2 - Physical science 8.8 - 12.8 2.2 7.9 English - - - 2.2 - Physical science 8.8 - 12.8 2.2 7.9 Differ social sciences - - - - - - Other majors f 2.9 6.4 7.7 6.7 - One Year or More of Full-Time Work Experiance*** 11.8 12.9 7.7 15.6 - Before undergraduate college 11.8 12.9 7.7 15.6 - - Military service S.9 6.4 2.6<	Military service	11.8	16.1	5.1	13.3	. 5.5
Various Undergraduate Majors Majors Predentistry or premedicine * 41.2 45.2 35.9 33.3 28.9 Other biological sciences 29.4 22.6 25.6 28.9 18.4 English $ 2.2$ $ 2.2$ $-$ Physical science 8.8 $ 12.8$ 22.7 6.7 5.3 Psychology, sociology, or social work 14.7 6.4 10.3 11.1 7.9 Other social sciences $ -$	Other activities	8.8	12.9	5.1	-	2.0
Majors Predentistry or premedicine 41.2 45.2 35.9 33.3 28.9 Other biological sciences 29.4 22.6 25.6 28.9 18.4 English - 6.4 - 6.7 2.6 Mathematics - 2.2 7.9 Physical science 8.8 - 12.8 2.2 7.9 Englinering 2.9 3.2 7.7 6.7 5.3 Psychology, sociology, or social work 14.7 6.4 10.3 11.1 7.9 Other majors 2.9 6.4 7.7 6.7 $-$ One Year or More of Full-Time Work Experience** Time Period Background Characteristics Between undergraduate college and dental school 20.6 19.3 15.4 28.9 18.4 Military service 5.9 6.4 2.6 4.4 $-$ Peace Corps, VISTA, or other group 5.9 3.2 5.1 6.7 7.9 Attitudes Toward Treating Handicapped Patiento 53.1 5	Various Undergradu	<u>iate Majore</u>	<u>.</u>			
Predentistry or premedicine 41.2 45.2 35.9 33.3 28.9 Other biological sciences 29.4 22.6 25.6 28.9 18.4 English - 6.4 - 6.7 2.6 Mathematics - - 2.2 - - Physical science 8.8 - 12.8 2.2 - Engineering 2.9 3.2 7.7 6.7 5.3 Psychology, sociology, or social work 14.7 6.4 10.3 11.1 7.9 Other majors -	Majors	•				
Prequentised of predicting	Productictry or promodicine	41.2	45.2	35.9	33.3	28.9
Other biological scalences $ 2.6$ Mathematics $ 2.2$ $-$ Physical science 8.8 $ 12.8$ 2.2 7.9 English $ 2.9$ 3.2 7.7 6.7 Psychology, sociology, or social work 14.7 6.4 10.3 11.1 7.9 Other social sciences $ -$ Other majors f 2.9 6.4 7.7 6.7 $-$ One Year or More of Full-Time Work Experience**Time Period.Before undergraduate college and dental school 20.6 19.3 15.4 28.9 18.4 Background CharacteristicsMilitary service 5.9 6.4 2.6 4.4 $-$ Peace Corps, VISTA, or other group $ -$ Handicapped person in family 5.9 3.2 5.1 6.7 7.9 Attitudes $ -$ Attitude $ -$ Actively sought experiences 22.6 7.7 2.2 13.2	Other biological agiopage	29.4	22.6	25.6	28.9	18.4
English $ 2.2$ $-$ Mathematics8.8-12.82.27.9Engineering2.93.27.76.75.3Psychology, sociology, or social work14.76.410.311.17.9Other social sciencesOther majorsf2.96.47.76.7-One Year or More of Full-Time Work Experience**Time PeriodBefore undergraduate college and dental school 20.619.315.428.918.4Background CharacteristicsMilitary service5.96.42.64.4-Peace Corps, VISTA, or other groupHandicapped person in family5.93.25.16.77.9Attitudes Toward Treating Handicapped PatientsAttitude58.153.857.844.7Occasionally treated16.135.940.015.8Actively sought experiences22.67.72.213.2	Uther blological schences		6.4	-	6.7	2.6
$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$		-		-	2.2	-
Physical science2.93.27.76.75.3Engineering2.93.27.76.75.3Psychology, sociology, or social work14.76.410.311.17.9Other social sciences2.96.47.76.7-Other majors h 2.96.47.76.7-One Year or More of Full-Time Work Experience**Time PeriodBefore undergraduate college11.812.97.715.6-Between undergraduate college and dental school 20.619.315.428.918.4Background CharacteristicsCharacteristicsMilitary service5.96.42.64.4-Peace Corps, VISTA, or other group5.93.25.16.77.9Attitudes Toward Treating Handicapped PatientsAttitude58.153.857.844.7Occasionally treated58.153.857.844.7Actively sought experiences22.67.72.213.2	Mathematics	8 8		12.8	2.2	7.9
Engineering 2.9 5.1 10.3 11.1 7.9 Psychology, sociology, or social work 14.7 6.4 10.3 11.1 7.9 Other social sciences 2.9 6.4 7.7 6.7 - One Year or More of Full-Time Work Experience** Time Period Before undergraduate college and dental school 20.6 19.3 15.4 28.9 18.4 Background Characteristics Characteristics Military service 5.9 6.4 2.6 4.4 - Peace Corps, VISTA, or other group 5.9 3.2 5.1 6.7 7.9 Attitudes Toward Treating Handicapped Patients Attitude Attitude Avoid when possible 58.1 53.8 57.8 44.7 Occasionally treated 65.1 53.9 40.0 15.8 Actively sought experiences 22.6 7.7 2.2 13.2	Physical science	2 0	3.2	7.7	6.7	5.3
Psychology, sociology, or social work 14.7 0.4 10.5 11.1 10 Other social sciences 2.9 6.4 7.7 6.7 - <u>One Year or More of Full-Time Work Experience</u> ** <u>Time Period</u> Before undergraduate college and dental school 20.6 19.3 15.4 28.9 18.4 <u>Background Characteristics</u> <u>Characteristics</u> <u>Military service</u> 5.9 6.4 2.6 4.4 - Peace Corps, VISTA, or other group 5.9 3.2 5.1 6.7 7.9 <u>Attitudes Toward Treating Handicapped Patients</u> <u>Attitude</u> <u>Attitude</u> 58.1 53.8 57.8 44.7 <u>Occasionally treated</u> 22.6 7.7 2.2 13.2	Engineering	1/7	5.4	10 3	11.1	7.9
Other social sciences 2.9 6.4 7.7 6.7 Other majors r 2.9 6.4 7.7 6.7 One Year or More of Full-Time Work Experience**Time PeriodBefore undergraduate college 11.8 12.9 7.7 15.6 Between undergraduate college and dental school 20.6 19.3 15.4 28.9 18.4 Background CharacteristicsCharacteristicsMilitary service 5.9 6.4 2.6 4.4 Peace Corps, VISTA, or other group 5.9 3.2 5.1 6.7 7.9 Attitudes Toward Treating Handicapped PatientsAttitude 58.1 53.8 57.8 44.7 Occasionally treated 6.1 35.9 40.0 15.8 Actively sought experiences 22.6 7.7 2.2 13.2	Psychology, sociology, or social work	14./	0.4	10.5		_
Other majors2.96.47.76.7One Year or More of Full-Time Work Experience**Time PeriodBefore undergraduate college11.812.97.715.6Between undergraduate college and dental school 20.6II.812.97.715.6Between undergraduate college and dental school 20.619.315.428.918.4Background CharacteristiceCharacteristicsMilitary service5.96.42.64.4-Peace Corps, VISTA, or other group5.93.25.16.77.9Attitudes Toward Treating Handicapped PatientsAttitudes Toward Treating Handicapped PatientsAttitude58.153.857.844.7Occasionally treated16.135.940.015.8Actively sought experiences22.67.72.213.2	Other social sciences	-	- c /		67	-
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Other majors	2.9	0.4	/./	0.7	
Time PeriodBefore undergraduate college11.812.97.715.6Between undergraduate college and dental school 20.619.315.428.918.4Background CharacteristicsCharacteristicsMilitary service5.96.42.64.4-Peace Corps, VISTA, or other group5.93.25.16.77.9Attitudes Toward Treating Handicapped PatienteAttitude58.153.857.844.7Occasionally treated58.153.857.844.7Actively sought experiences22.67.72.213.2	One Year or More of Full-T	<u>ime Work E</u>	xperion	<u>ce</u> **		
Before undergraduate college11.812.97.715.6-Between undergraduate college and dental school 20.619.315.428.918.4Background CharacteristicsCharacteristicsMilitary service 5.9 6.4 2.6 4.4 -Peace Corps, VISTA, or other group 5.9 3.2 5.1 6.7 7.9 Attitudes Toward Treating Handicapped PatientsAttitude 58.1 53.8 57.8 44.7 Occasionally treated 6.1 35.9 40.0 15.8 Actively sought experiences 22.6 7.7 2.2 13.2	Time Period					
Background CharacteristicsCharacteristicsMilitary service 5.9 6.4 2.6 4.4 Peace Corps, VISTA, or other group 5.9 3.2 5.1 6.7 7.9 Handicapped person in family 5.9 3.2 5.1 6.7 7.9 Attitudes Toward Treating Handicapped PatientsAttitudeAvoid when possible 58.1 53.8 57.8 44.7 Treat only when required 58.1 53.8 57.8 44.7 Occasionally treated 16.1 35.9 40.0 15.8 Actively sought experiences 22.6 7.7 2.2 13.2	Before undergraduate college Between undergraduate college and dental sc	11.8 hoo1 20.6	12.9 19.3	7.7 15.4	15.6 28.9	18.4
CharacteristicsMilitary service 5.9 6.4 2.6 4.4 Peace Corps, VISTA, or other group 5.9 3.2 5.1 6.7 7.9 Attitudes Toward Treating Handicapped PatientsAttitudeAttitudeAvoid when possible $5.8.1$ 53.8 57.8 44.7 Treat only when required 58.1 53.8 57.8 44.7 Occasionally treated 16.1 35.9 40.0 15.8 Actively sought experiences 22.6 7.7 2.2 13.2	Background Chara	<u>cteristics</u>				
Military service5.96.42.64.4Peace Corps, VISTA, or other group5.93.25.16.77.9Handicapped person in family5.93.25.16.77.9Attitudes Toward Treating Handicapped PatientsAttitude58.153.857.844.7Actively when required Occasionally treated Actively sought experiences58.153.857.844.7Actively sought experiences2.67.72.213.2	<u>Characteristics</u>		•			
Attitude5.93.25.16.77.9Attitudes Toward Treating Handicapped PatientsAttitudeAttitudeAvoid when possible58.153.857.844.7Treat only when required58.153.940.015.8Occasionally treated16.135.940.015.8Actively sought experiences22.67.72.213.2	Military corvice	5.9	6.4	2.6	4.4	-
Attitude5.93.25.16.77.9Attitudes Toward Treating Handicapped PatientsAttitudeAvoid when possibleTreat only when requiredOccasionally treatedActively sought experiencesAttively sought experiences	Passa Corpo VISTA or other group	-	-	1		-
Attitudes Toward Treating Handicapped PatientsAttitudeAvoid when possibleTreat only when requiredOccasionally treatedActively sought experiencesActively sought experiences	Handicapped person in family	5.9	3.2	5.1	6.7	7.9
AttitudeAvoid when possibleTreat only when required0ccasionally treatedActively sought experiences2.62.67.72.62.62.62.62.62.62.62.62.62.62.62.62.62.62.62.62.62.72.213.2	Attitudes Toward Treating	Handicappe	d Patie	nts	×	
Avoid when possible2.6Treat only when required58.1Occasionally treated16.1Actively sought experiences22.67.72.213.2						
Avoid when possible2.6Treat only when required58.1Occasionally treated16.1Actively sought experiences22.67.72.213.2	ALLILUUE					0.6
Treat only when required 58.1 53.8 57.8 44.7 Occasionally treated 16.1 35.9 40.0 15.8 Actively sought experiences 22.6 7.7 2.2 13.2	Avoid when possible					2.0 11 7
Occasionally treated 16.1 35.9 40.0 15.8 Actively sought experiences 22.6 7.7 2.2 13.2	Treat only when required		58.1	53.8	5/.8	44.7
Actively sought experiences 22.6 7.7 2.2 13.2	Occasionally treated	•	16.1	35.9	40.0	T2.8
	Actively sought experiences		22.6	7.7	, 2.2	13.2
	k				11 60	
* This question allowed for multiple response, total percentages will be	* This question allowed for multiple respon	nse, total	percent	tages wi	rit be	
greater than 100%. **Because these were asked as separate questions, percentages will not equal 100	greater than 100%.	stions, per	centage	es w ill	not equ	ual 1007

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TABLE 7-9

Percentage of Students from School Nine Reporting Different Expected Professional Activities After Graduation*

	Years		
Type of Activity	<u>1974***1975***1976</u>	<u>1977</u>	<u>1978</u>
Self-employed professional practice	12.0	12.4	16.0
Professional partnership	9.8	16.5	11.2
Employed professional practice	. 15.0	23.1	21.3
Employed professional practice	34.6	43.8	47.9
Passarch and/or togeting	3.0	1.6	3.5
Military constant	28.6	6.6	4.1
Other activities	3.0	2.5	1.2
Various Undergradu	ate Majors		Ŧ.
Majors			
Decidentiates of promodicing	33.8	39.7	31.4
Predentistry or premedicine	24.8	25.6	36.1
Uther blological sciences	_	_	0.6
English	2.3	3.3	2.4
Mathematics	4.5	3,3	3.0
Physical science	3.8	4.1	3.0
Engineering	9.0	9.1	່ ຊີ ຊີ
Psychology, sociology, or social work	5.U	<i>J</i> .1	53
Other social sciences Other majors	7.5	5.0	5.9
<u>One Year or More of Futl-Ti</u> <u>Time Period</u>	me Work Experience**	· ,	м
Before undergraduate college Between undergraduate college and dental sch	001 15.0 30.8	10.7 34.7	10.6 30.8
Background Charac	teristics		
Characteris'tics			
Military corvice	6.0	3.3	4.1
Peace Corps, VISTA, or other group	- 14.3	5.8	0.6
Handicapped person in family	T.4 • 9	J .0	0.3
Attitudes Toward Treating H	landicapped Patients		
<u>Áttitude</u>	``		į
Avaid when norsible	· -	2.5	0.6
Troat only when required	56.4	58.7	59.8
Freas only when required	26.3	28.9	32.5
Actively sought experiences	14.3	7.4	5.9
* This question allowed for multiple respond	se, total percentages wi	11 be	
greater than 100%.			

Because these were asked as separate questions, percentages will not equal 100%. *Data not available for this year.



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practice, solo or partnership, but a somewhat larger percentage expected to go into employed professional practice. The largest percentage of students said they expected to go into full-time residency or graduate training. The percentage reporting they treated handicapped patients only when required to was a little higher than for the total group.

The percentage of School 10 students who expected to enter self-employed professional practice rose from 20 percent in 1974 to 59 percent in 1978, while other categories declined concomitantly. An unusually high percentage reported full-time work experience between undergraduate college and dental school.

A somewhat higher percentage of School 10 students reported treating more handicapped patients than required than did the total group.

Proportionately more School 11 students expected to enter solo practice than was true for the total group. Thirty-five percent in 1974 expected to enter military service, but this declined to seven percent in 1978. In each of the four years, half or more of the students said they treated handicapped patients beyond the number required by the course.

National Board Examinations

Through the cooperation of the American Dental Association, some test items on dental care for the handicapped from the knowledge tests developed for this project were included in the December National Board Examinations in 1975, 1976, and 1978. Seventeen such items were included in 1975, eleven in 1976, and six in 1978. Table 8 shows the mean pass rate on these items for students from the funded schools and for all others.

It can be seen that the students from the funded schools did better than the others in all three years. The difference between the students from the funded schools and the others increased from year to year. Although the items

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TABLE 7-10

Percentage of Students from School Ten Reporting Different Expected Professional Activities After Graduation*

· · · ·			Years		
Type of Activity	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>
Self-employed professional practice	20.0	30.7	35.7	39.2	58.7
Professional partnership	20.0	14.8	10.0	20.3	9.3
Employed professional practice	10.0	11.9	11.4	6.8	2.7
Full-time residency or graduate training	25.0	8 9	11 4	13 5	03
Research and/or teaching	5.0	10.9	1 4	13.5	5.5
Militory convice	10.0	1.0	1•4 22 0	10.0	12 0
Other activities	10.0	23.0	22.9	12.2	12.0
other activities ,	13.0	12.9	/.1	0.8	8.0
Various Undergraduate	Majors	1	\$		
Majors					
Predentistry or premedicine	52.5	42.6	44.9	39.2	46.7
Other biological actorses	27 5	32 7	35 7	24.3	32.0
Fnaltab	<u> </u>	-	1 4	_	-
	25	1 0	4.04	4 0	1 2
Mathematics	4 • J	2.0	- 1 /	2 7	1 3
Physical science	- 0 6	2.0	1.4	2.7	L.J 6 3
Engineering	2.5	2.0	2.9	1.3	5.5
Psvchology, sociology, or social work	5.0	4.0	5.7	5.4	1.3
Other social sciences 🧳		2.0	1.4	1.3	
Other majors	10.0	11.9	4.3	13.5	9.3
One Year or More of Full-Time	Work Ex	perien	ce**		
	10 E f2				
Time Period		•			
Before undergraduate college	15.0	16.8	15.7	14.9	12.0
Between undergraduate college and dental school	45.0	33.7	24.3	37.8	40.0
Background Character	lstics				· .
			,		
<u>Gnaracteristics</u>					
Military service	5.0	12.9	21.4	8.1	6.7
Peace Corps, VISTA, or other group	-	****	-	1.3	
Handicapped person in family	5.0	6.9	5.7	10.8	17.3
Attitudes Toward Treating Hand	lcapped	Parier	nts	•	
Attitude	_				
Arrist T. A. S. Martin 199	Ð	1.0	1. 2	1 0	
Avoid When possible		4.0	9.J	20 J	-
ireat only when required		44.) Ne e	20.0 31 /	37.6 69 7	40.7
Oceasionally treated		43.5	51.4	22.1	49.3
Actively sought experiences ,		2.0	4.3	5.4 ~	4.0
* This question allowed for multiple response, (total p	ercenta	iges wil	1 be	
**Decause these were asked as separate questions	. perc	entages	will n	ot equa	1 100%



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TABLE 7-11

Percentage of Students from School Eleven Reporting Different Expected Professional Activities After Graduation*

			Years		
Type of Activity	1974	<u>1975</u>	1976	<u>1977</u>	<u>1978</u>
a is the implementation	33.3	45.7	32.9	48.6	38.9
Self-employed professional practice	25.4	11.1	9.1	11.1	16.7
Professional partnership	4.8	8.6	7.9	12.5	14.4
Employed professional practice	7.9	9.9	20.4	12.5	14.4
Full-time residency or graduate training	3.2	1.2	1.1	 '	3.3
Research and/or teaching	34.9	23.5	21.6	18.1	6.7
Other activities	6.3	2.5	5.7	• 5.6	4.4
Various Undergraduat	<u>e Majors</u>	3			
Majors					
• · · · · · · · · · · · · · · · · · · ·	42.9	32.1	22 .7	22.2	25.6
Predentistry or premedicine	38.1	38.3.	42.0	45.8	41.1
Other biological sciences	-	. · -	-	. –	2.2
English	-	- 1	1.1	-	-
Mathematics Dissignation of	342	3.7	5.٦	9.7	6.7
Physical science	-	2.5	6.8	5.6	3.3
Regeneering	3.2	4.9	6.8	2.8	4.4
Athar social griences	6.3	1.2,	1.1	4.2	
Other majors	.6.3	12.3	4.5	6.9	10.0
. One Year or More of Full-Time	Work E	xperienc	<u>ce</u> **		
e e e e e e e e e e e e e e e e e e e					
Time Period					
R. Comp. undergraduate college	15.9	19.7 [°]	14.8	23.6	23.3
Between undergraduate college and dental schoo	17.5	19 .7	22.7	23.6	24.4
Background Characte	ristics		e .		
					P
Characteristics					
	11.1	22.2	10.2	22.2	11.1
Military service	425	1.2	2.3	2.8	
Peace Corps, VISIA, or other group	12.7	6.2	. 6.8	20.8	8.9
Handicapped person in family	diaanna	d Davia	n #0		
Attitudes Toward Treating Har	laicappe	<u>a ratie</u>	1113		
Attfude				0.0	
Avoid when possible		2.5	-	2.8	
Treat only when required		30.9	36.4	5/.) En n	1.12
Occasionally treated		-55.6	50.0	0.UC 0	0.60 ·
Actively sought experiences	• 15	9.9	11.4	8.3	0.9
* This question allowed for multiple response	, total	percent	ages wi	11 be	
steater than 100%. **Because these were asked as separate questi	ons, per	rcentage	s will	not equ	al 100%



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Mean Pass Rates for Items on Care of Handicapped in National Board Examinations

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	19	7 <u>5</u> .	<u> </u>		16	19	78
	Students from Eunded Schools	Studehto from Other Schoolo	•	Students from Funded Schools	Students from Other Schools	Students from Funded Schools	Students from Other Schools
Mean Correct	62.7	61.4		64.1	60.7	74.7	67.9
a N	, 463	2236		457	2126	468	2451

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have not been equated for difficulty it does appear that the 1978 graduates from the funded schools, who would have had four years in the program, had considerably greater knowledge in this area than did those from other schools, and probably more than either group had three years earlier.

Discussion, and Conclusions

There were difficulties in obtaining data from some schools that had not been expected when the project was planned, and for different reasons, some schools are not represented in one or more years. This makes any inferences drawn from the data necessarily much more tentative than they would be otherwise.

Nevertheless, it does seem possible to draw some fairly firm conclusions from the available data.

First, students at the end of the funding period had more factual knowledge of dentistry for the handicapped than did students before or in the early part of the funding period.

Second, student exposure to patients with handigapping conditions increased .

Third, there was an increase in student confidence in their ability to treat patients with handicapping conditions, and in their willingness to attempt such treatment.

These measured effects substantiate the anecdotal evidence gathered during the site visits that the program was generally well received by faculty and students. Overall, the Robert Wood Johnson Foundation's objectives in funding a program for training dentists in the care of the bandicapped appear to have been accomplished.

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SECTION II: FOLLOW-UP OF GRADUATES AFTER TWO YEARS IN PRACTICE

Procedure

The Foundation's purpose in initiating the funding program was to increase the availability of dental care for the handicapped. Thus, there was considerable interest in finding out the extent to which graduates of the funded programs were treating patients with handicapping conditions. To obtain this information, the 1974, 1976 and 1978 graduated of the 1-1 funded schools were followed-up by mail questionnaires two years after graduation, in 1976, 1978, and 1980 respectively. 1) These funded schools were: Columbia, New York University, University of Alabama, University (f California at Los Angeles, University of Kentucky, University of Maryland, University of Michigan, University of Minnesota, University of Nebraska, University of Tennessee, and University of Washington. The 1976 and 1978 graduates of 10 schools which did not receive funding were similarly surveyed. 2) These non-funded schools were: Louisiana State University, New Jersey Dental School, Tufts, University of Connecticut, University of Florida, University of Illinois, University of North Carolina, University of Oregon, University of the Pacific and University of Southern California. The initial mailings in 1976 and 1978 were accompanied by a covering letter signed by the president of the American Fund for Dental Health, on the fund's letterhead. In 1980, the covering letter was on American Dental Accociation stationery, and was signed by its president.

Approximately four weeks after the initial mailing, those who had not responded were sent a second copy of the questionnaire with a covering letter , on Educational Testing Service letterhead signed by one of the project staff. In 1980, those who did not respond to the second mailing were called on the telephone, if a number could be found, and this was followed by a third mailing.

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With these procedures, the response rate was slightly over 70 percent in 1976. In 1978 it was 62 percent for the funded schools and 55 percent for the nonfunded schools. In 1980, the return rate was 76 percent for the funded schools and 73 percent for the non-funded schools.* Copies of the questionnaires used are shown in Appendix A.

Survey Results

Table 9 shows the results of the three surveys for the funded and nonfunded schools separately. For both the funded and the non-funded schools, there is a clear increase in office treatment from the earlier to the later years. For all but two of the handicapping conditions, more of the 1978 graduates than of the 1974 graduates of the funded schools reported office treatment of such patients. For 23 out of the 37 conditions, more of the 1978 graduates than of the 1976 graduates of the funded schools reported office treatment. Similarly for 30 of the handicapping conditions, more of the 1978 graduates than of the 1976 graduates of the non-funded schools reported office treatment.

In comparing the data from the funded and the non-funded schools, more 1976 graduates of funded schools than of non-funded schools reported office treatment for 23 handicapping conditions. For the 1978 graduates, however, there was a considerable reversal. More graduates of non-funded schools than of funded schools reported office treatment for 20 of the 37 listed handicapping conditions.

*A misunderstanding resulted in the American Dental Association furnishing lists of only those 1978 graduates who had joined the association, rather than of all graduates, as had been done for the two prior surveys.

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In-school exposure to dental care for the handicapped as reported by the 1976 and 1978 graduates of the non-funded schools is quite similar to that reported by the 1974 graduates of the funded schools. The 1976 and 1978 graduates of the funded schools report considerably more exposure, both didactic and clinical than did the 1974 graduates. More than 90 percent of the 1978 graduates of the funded schools had one or more specific courses on handicapped problems, where only slightly more than half of the 1974 graduates did. Similarly more than 70 percent of the 1978 graduates had treated, as a student, two or more handicapped patient, compared to 43 percent of the 1974 graduates.

There is a clear difference between the graduates of the funded schools, and those of the non-funded schools as to how their school experience affected their interest in treating the handicapped. More than half of those from the funded schools said they became more interested, compared with only 30 percent of those from non-funded schools. However, more than a third of those from the non-funded schools said they had already been interested, while only about one-fourth of those from the funded schools made this response.

A very small percentage of graduates from both the funded and non-funded schools reported that they generally avoided treating handicapped patients, while a somewhat larger percentage, in both categories, said that they had actively sought out opportunities to treat handicapped patients. The overwhelming majority said that they treated handicapped patients when they appeared.

Several questions were added to the 1978 questionnaire at the suggestion of the Foundation and the advisory committee. Very similar responses were made by graduates of both funded and non-funded schools. In both categories, 23 percent said they had made modifications to their offices for the handicapped,

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FOLLOW-UP SURVEY RESPONSES FOR GRADUATES OF FUNDED AND NON-FUNDED SCHOOLS, BY YEAR

Percentage of Dentists who reported treating one or more patients with the following conditions in their office

÷		Fund	ed Sch	ools_	Non-Funde	d Schools
		1974	<u>1976</u>	<u> 1978</u>	.1976	<u>1978</u>
1.	Mental retardation	55	63	62	56	60
₩ 2.	Cerebral palsy	20	27	31	.21	26
3.	Blindness	25	3'3	35	<u>⁄</u> 33	. 33
4.	Deafness	41	45	50	48	52
5.	Epilepsy	68	74	72	70	79
6.	Stroke	42	51	50	49 °	55
7.	Parkinsonism	24	29	' 30	30	37
8.	Arthritis	73	78	80	73	82
9.	Poliomyelitis	18	15	15	14	. 15
10.	Spinal cord injuries	16	18	22	17	19
11.	Multiple sclerosis	17	15 ⁻	26	14	22
12.	Muscular dystrophy	7	12	13	10	12
13.	Facial trauma from accidents	58	62	61	- 59	62
14.	Multiply-handicapped	22	27	29	19	26
15.	The home-bound patient	11	<u>15</u>	<u> 16 </u>	18	<u>-17 '</u>
16.	The nursing-home patient	34	31	35	3 6	39
17.	Cleft palate	32	<i>"</i> 39	33	36	35
18.	Other craniofacial anomalies	10	14	13	13	14
19.	Spina bifida	3	6	4	3	. 4
20.	Thalidomide-induced deformities and				,	•
	similar malformations	2	2	3	2	2
21.	Diabetes and other endocrine				,u	<u></u>
	disturbances	86	87	87	85	88
22.	Hemophilia	14	16	16	14	<u>,</u> 20
23.	Cardiopulmonary disease	76	77	79	72	81
24.	Asthma	80	79	83	81	84
25.	Atherosclerosis	49	52	62	47	65
26.	Emphysema	51	53	- 57	49	58 ″
27.	Cystic fibrosis	4	4	7	4	, ð
28.	Allergic reactions to drugs used					<u> </u>
	in dental treatment	• 64	63	66	60	69
29.	Autism	3	5	5	5	4 -
30.	Hyperactivity	48	51	. 47	49	48
31.	Other behavior problems	41	39	52	41	53
32.	Leukemia	14	14	17	16	20. 3
33.	Other blood dyscrasias	22	19	23	19	29
34.	Brain tumors	10	13	15	.13	12
35.	Sarcomas	9	8	11	8	10
36.	Squamous cell carcinoma	17	19	18	17	18
37.	Other neoplasms	26	30	31	29	35
	N =	493	508	603	458	436



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TABLE '9

TABLE 9 (Continued)

Percentage of Dentists who reported in-school exposure to Dental Care for the Handicapped

	Funded Schools			Non-Funde	d Schools
	1974	<u>1976</u>	<u>1978</u>	1976	<u>1978</u>
Course Work:					· ·
None at all	4	1	Ο	5	3
Some mention in passing	42	10	6	47	40
Perhaps one specific course	35	42	44	27	36
Several specific courses	19	46	49	1 9	19
Clinical experience:		•			н. •
None at all	19	4	3	26	21
Exposed to one or more conditions			_		·
but did not treat	19	6	6	20 [′]	17
Treated a handicapped patient	17	19	16	17	25
Treated two or more handicapped		-			
patients	43	70	74	34	33

Percentage of Dentists who report their attitude toward treating handicapped in relation to their school experience

Became more interested in treating				
handicapped	60	57	30	30
Became less interested in treating				
handicapped	(not 2	3	3	4
Was already interested in treating	comparable)		L.	
handicapped	19	28	33	39
Remained uninterested in treating			· ·	-•
the handicapped	4	6	11	14
Other	13	4	<u> </u>	9

Percentage of Dentists who reported on their efforts to treat the handicapped

Actively sought out opportunities		1		ï		
to treat the handicapped	. 7		11.	13	13	10,
Treated handicapped patients when				,	• ,	
they appeared	-88	ι.	83	84	82	85
Generally avoided treating	•					
Handicapped patients	3	•	2	1	, 3	3

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TABLE 9 (Continued)

	Funded Schools	Non-Funded Schools
N. AND	<u>1978</u>	<u>1978</u>
Have you made any modifications to your office for handicapped?	<u>}</u>	
Yes No	₀ 23 59	23 58
Modifications:		,
Outside entrance Interior doors Bathroom facilities Provided special equipment Operatory X-ray facilities Other Not in private practice	16 13 12 1 5 2 2 17	17 11 12 2 4 3 2 21
What contacts have you had with organization for the handicapped in your practice?	ns	
None Incidental with one of more Close working relations with one Close working relations with two or mo	75 19 3 ore 2	78 14 -4 2
Have you joined the Academy of Dentistry for the handicapped?	4 	, o
Yes No	1 99	0 99
Have you been a consultant to any group representing the handicapped?		
Yes No	6 93	6 93
Since completing dental school, have you ha any additional education on dentistry for the handicapped?	ad	
Yes No	24 75	22 - 77 -
If yes, did you	•	• •
Have full time residency or graduate enrollment?	15.	12
Have one or more short course or workshop? Do informal reading and study?	5 9	4 8
What consultations have you had with medica experts concerning handicapped patients?	al	1. 1.
None 🔒	23	22 °
A few consultations about selected patients	65	65
patients	12 ·	. 12

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quite a few noting that this was required by the government. About six percent from both groups had close working relations with one or more organizations for the handicapped. About 20 percent of graduates from funded schools had incidental relations with such organizations, and a slightly smaller percentage of graduates of non-funded schools had such relations.

Very few in either group had joined the Academy of Dentistry for the Handicapped. A number commented that they hadn't heard of it, but would be interested in joining.

Six percent of both groups had been a consultant to a group representing the handicapped. A little more than 20 percent of both groups had had some kind of additional education on dentistry for the handicapped, subsequent to completion of dental school. Concerning consultations with medical experts about handicapped patients, both groups gave almost identical patterns. Twelve percent reported frequent consultation about many patients, and sixty-five percent had had a few consultations.

Tables giving data for each of the funded schools separately are shown in Appendix B, Tables B-1 through B-11.

These survey results show that: handicapping conditions became less of a barrier to dental treatment during the period 1976 to 1980. The 1978 graduates of the funded schools reported treating more categories of handicapped patients than had the 1974 graduates. However, the 1978 graduates of the non-funded schools reported treating as many categories also. It should be noted that the response rate for 1978 graduates of non-funded schools was a little lower than for graduates of funded schools, and considerably lower for the 1976 graduates. It is quite possible that those who were treating handicapped patients were more apt to respond than those that did not, and that this tended to reduce



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apparent differences between the graduates of funded schools and those of non-funded schools. However, it appears that many forces besides the Robert Wood Johnson Foundation funding program acted to increase the willingness of both groups of graduates to accept handicapped patients.

The data also confirm the observation from site visits that the schools did indeed increase both didactic and clinical exposure to handicapping problems. This is highlighted in Table 10. Of 1974 graduates from funded schools, 19 percent reported that they had had several specific courses while 4 percent had no such course at all. Of 1978 graduates, in contrast, 49 percent reported having several courses and none said they had not had such a course. Of 1978 graduates of non-funded schools, three percent reported no courses on dentistry for the handicapped, and 19 percent reported having several courses.

Concerning clinical experience, 19 percent of 1974 graduates of funded schools said they had not treated any handicapped patients, while 43 percent reported treating two or more handicapped patients. Of 1978 graduates, only three percent reported no clinical experience with handicapped patients, and 74 percent said they had treated two or more such patients. In comparison, 21 percent of 1978 graduates, of the non-funded schools reported no clinical experience with handicapped patients, while 33 percent had treated two or more.

Table 11 compares graduates of funded and non-funded schools concerning interest in treating the handicapped. More than half of the graduates of the funded schools in both 1976 and 1978 said that they had become more interested in treating the handicapped. About one quarter in each year said they had already been interested.



-92-140

Table 10

Percent of dentists who reported selected in-school exposure to dental care for the handicapped by year of graduation

	Fu	Funded Schools			ed Schools
	1974	1976	1978	1976	1978
	N = <u>493</u>	588	<u>603</u>	458	436
Course Work					
None at all	4	1	0	5	3
Several specific courses	19	46	49	19	19
Clinical Experience				•	
None at all	19	4	3	26	21
Treated 2 or more	43	70	74	34	33



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Table 11

Percent of dentists who reported that they became "more interested" in treating handicapped and those reporting "already interested" for funded and nonfunded schools, by year of graduation

	<u>1976</u>				1978		
•	<u>N</u>	Became more interested	Already interested	. <u>N</u>	Became more interested	Already interested	
Funded schools	588	53	25	603	58	28	
Non-funded schools	458	30	35	436	33	37	

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The graduates of the non-funded schools presented a different picture. About a third of the graduates in both 1976 and 1978 said that they became more interested, and another third said that they were already interested.

These differences probably reflect the fact that at the funded schools, denistry for the handicapped was a highly visible special project.

Table 12 explores the number of different handicapping conditions treated in the office by graduates of the funded and non-funded schools. About eight percent of the 1974 graduates from funded schools reported that they had treated 21 or more different handicapping conditions, compared with more than thirteen percent of the 1976 and 1978 graduate. About 20 percent of the 1974 and 1976 graduates of the funded schools reported treating between 16 and 20 conditions, compared with 26.5 percent of the 1978 graduates. Sixteen percent of the 1974 graduates from funded schools reported treating five or fewer conditions, compared with about 13 percent of the 1976 and 1978 graduates.

Graduates of the non-funded schools showed patterns very similar to those of the funded schools for the same year.

Table 13 shows similar data for treatment in either the office or a hospital. Thirty-eight percent of the 1974 graduates of the funded schools reported treating 16 or more different conditions. This percentage increased to 45 percent of the 1976 graduates and over 50 percent of the 1978 graduates. Fewer than 10 percent of the graduates in all three years reported treating 5 or fewer handicapping conditions.

Again, the graduates of the non-funded schools had patterns quite similar to those of the funded schools.

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TABLE 12

Number of Different Handicapping Conditions Treated in Office by Graduates of Funded and Non-Funded Schools, in Per Cent

Number of Handicapping	Fun	ded Schoo	18	Non-Funded Schools	
Conditions Treated ~	1974	1976	<u>1978</u>	1976	<u>1978</u>
	N=493	N=588	N=603 (N=458	N ≖ 436
21 +	7.9	13.3	13.3	12.5	15.6
16 - 20	19.5	20.4	26.5 "	17.0	25.0
11 - 15	35.7	30.3	29.0	31.7	31.7
6 - 10	20.9	22.3	18.9	22.7	17.4
1 - 5	10.3	7.5	6.8	9.8	4.6
0	5.7°	6.3	5.5	6.3	5.7
•					

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TABLE 13

Number of Different Handicapping Conditions Treated in Office or Hospital by Graduates of Funded and Non-Funded Schools; in Per Cent

Number of Handicapping	Fur	Funded Schools			Non-Funded Schools		
<u>Conditions Treated</u>	1974	<u>1976</u>	<u>1978</u>		1976	1978	
	N=493	N≈588	N=603		N≕458	n=436	
21 +	16.6	21.4	23.1		21.4	23.4	
16 - 20	21.3	23.5	28.9		18.6 .	25.7	
11 - 15	38.3	27.9	26.5		30.8	30.3	
6 - 10	16.4	19.6	14.9		21 ₆ 0	14.2	
1 - 5	7.1	5.6	5.3	ð	7.6	3.7	
0	0.2	2.0	1.3		0.7	2.8 *	

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Relationship Between Knowledge Test Scores and the Care of Handicapped Patients

Scores on the test of knowledge of dental treatment of the handicapped given before graduation were compared with the treatment of the 37 handicapping conditions reported later by graduates. It was, of course, possible to have multiple responses in reporting treatment of a particular handicap. Thus, for example, a dentist with three patients who were mentally retarded might have treated one in the office, treated the second in the hospital, and referred the third. Since the thrust of the Foundation's effort was to make regular office treatment available to the handicapped as much as possible, this analysis considers the responses "treat in hospital" and "referred" only if the graduate had not marked "treat in office". However, an analysis, not presented here, which considered all responses yielded substantially the same picture.

Table 14 shows the mean test score for each of the treatment responses given by the 1974 graduates for the 37 handicapping conditions. It will be noted that the mean test scores of those who-responded, about 101, is slightly above the mean score of 100, for all those who took the test in 1974. This is consistent with the findings of other studies that the better students are more likely to participate in follow-uup studies.

The most notable feature of this table is the high test scores of those who report hospital treatment. For 29 of the 37 handicapping conditions, the mean test score of those reporting such treatment, was higher than for any other category. Hospital admission privileges ordinarily go to the better students, so this finding does not seem surprising.

For thirteen of the handicapping conditions, those who reported "office treatment" had higher mean scores than those who reported "no contact", while the reverse was true for the other 24 conditions. The differences in most instances were quite small.

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MEAN KNOWLEDGE TEST SCORES OF 1974 GRADUATES BY REFORTED TREATHENT OF PATIENTS WITH VARIOUS HANDICAPPING CONDITIONS

	•			PAT	CENT HANAG	EMENT	· ·	
		1	TREATH	TREATH		NO I		Ī
	HANDICAP		OFFICE	HOSPITAL	REFERRED	CONTACT	TOTAL	L
Ī		- •					I. I	Į.
ii	MENTAL RETARD-	N	113	11	3	55	182	L
• İİ	ATION	ROWX	62.09%	6.04%	1.65%	30.22%	1 100.05%	ļ
ii		COL%	4.73%	4.33%	4.17%	1.43%	2.77%	1
İ		HEAN	100.61	104.05	103.82	100.99	100.98	L
- İİ		5.D.1	8.8%	11.21	9.56	9.26	9.22	1
- İİ		MIN	75.59	76.02	92.78	, 79.27	1 75.59	ļ
- i i		MAX	122.24 7	117 ₀ 33.	116.10	118.56	1 122.24	ļ
Í		1		× .	1	1	1	Į.
	CEREBRAL PALSY	N	- 44	5	4	-123	176	Į.
- II		ROW%	25:002	2.84%	2.27%	69.89%	100.00%	İ
- II		COLX	1.84%	1.97%	5.56%	3.19%	2.68%	İ
- II		MEAN	99.53	101.12	102.29	101.57	1 101.06	İ.
- I I		9.D.	7.23	12.98	11.50	9.33	9.08	J.
01	6	MIN	79.27	76.0 2	85.41	79.27	76.82	
	÷	MAX	117.33	112.42	116.10	122.24	1 155.54 4	ł
1								ļ
1	BLINDNESS	N	40	9.	1	125	1 175 1	ļ.
1		ROMX	22.06%	5.14%	0.57%	71.432	1 100.00%	Ţ
1	l .	COLX	1.67%	3.54%	1.39%	3.25%	2.67%	!
ļ	l	· MEAN	99.56	106.03	100.14	101.18	1 101.10	1
1		9.0.	8.13	7.14	0.0	9.11	0.91	1
		HIN	85.41	94.00	100.14	79.27	79.27	ł
		HAX	116.10	117.33	100.14	122.24	128.84	1
ļ	,							1
ļ	DEAFNESS	NN	85				403	1
ļ		ROWZ	46.45%	5.46%	0.55%	47.547	1 100.00%1	ł
ļ		COLX	3.56%	3.99%	1.39%		1 2.7941	1
ļ		HEAN	100.58	103.21	102.60	100.88	1 100.07 1	-
ļ		5.0.	9.29	11.28		0.00	1 9,46 1 1 90 00 1	1
ļ	: 3	MIN	75.59	76.82	102.60		1 100 04 1	1
. !		MAX	122.24	117.33	102.60	110.50	1 186-69 1	1
!			170			1 41C 1	1 120 1	i
. !	EPILEPSY	Nerw	1 120	0		10 CCV	1 100 00%	
!		RCHZ	1 77.09%	0 74.9		1 19+5561	1 0 234	i
!		COLX	9.784	1 6.30%	1 0.0 %	1 10% AA 1	1 101 01 1	i
.		HEAN	1 100.35	100.00		103.44 A 7/1	1 0.31 1	i
!	1	9.U. 14411	1 90 00	1 2000		1 A1 77 1	1 76,60	i
!	1	FILH MAM	1 100 04	1 119 11		1 11Å.66 1	1 102.04	i
ļ		MAX	122.24	J TT1.33	0.0	1 10490	1 166+64	
1		· <u></u>	L					, de

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MEAN KNOWLEDGE TEST SCORES OF 1974 Graduates by reported treatment of Patients with various handicapping conditions

		PATIENT MANAGEMENT						
	٠T	TREATM	TREATM		NO I			
HANDTCAP	. í	OFFICE	HOSPITAL	REFERRED	CONTACT	TOTAL		
	*			1.1.1		1		
I STROKE	Nİ	88	8	i î l	87	184		
11	ROWX	47.83%	4.35%	0.54%	47、28%	100.00%		
	COLX	3.68%	3.15%	1.39%	2.26%	2.80%		
	MEAN	101.41	107.66	87.86	100.61	101.23		
ii ·	S.D.	8.98	7.75	0.0	8.98 I	9.07		
	MIN	75.59	96.46	87.86	79.27	75.59		
	MAXI	118.56	118.56	87.86	122.24	122.24		
	- Ni				l – t	j, 🤩 l		
I PARKINSONIS	1 NI	48	4	1	126	179		
II	ROWX	26.82%	2.23%	0.56%	70:39%	100.00%		
ii	COL%	2.01%	1.57%	1.39%	3.27%	2.73%		
ii .	MEAN	101.55	104.13	94.00	100.88	101.10		
ii Y	S.D.I	8.74	15.99	0.0	I 8.86 I	9.06		
	MIN	79.27	76.82	94.00	79.27	76.82		
ii	MAX	118.56	117.33	94.00	122.24	122.24		
			l •	1	l I			
II ARTHRITIS	N	144	l 7	0	34	185		
II .	ROWX	77.84%	3.78%	0.0%	18,38%	100.00%		
ii	💶 - COL%	6.03%	2.76%	0.0%	0.88%	2.82%		
ii	MEAN	100.72	101.90、	0.0	102.81	101.15		
- 11 	. S.D.	9.02	13.09	0.0	8.91	9.22		
ii	MIN	75.59	76.82	0.0	81.73	75.59		
ii -	MAX	122.24	117.33	0.0	118.56	122.24		
- II			I	ļ .	! ! !	1.		
POLIOMYELIT	IS N	34	4	0	140	178		
, H'	• ROWX	19.10%	2.25%	1 0.0%	78.65%	100.00%		
	• COL%	1.42%	1.57%	0.0%	3.64%	2.71%		
II • _	MEAN	100.58	111.80	0.0	1 101.04	101.20		
ji ř	\$. 0 .	8.54	3.63	0.0	8.90	8.90		
11	MIN	81.73	107.51	0.0	79.27	/9.2/		
11 -	MAX	116.10	117.33	0.0	122.24	122.24		
11	¢		! .					
SPINAL CORD	• N	35	1 7	0	135			
INJURIES	ROW%	19.77%	3.95%	0.0%	76.27%	11 100.00%		
11	, COL%	1.47%	2.76%	0.0%	3.51%	11 2.70%		
11	MEAN	101.79	106.98	1 0.0	100.62			
11	S.D.	8.55	1 7.21	1,0.0				
	MIN	81.73	94.00	1 0.0	79.27	11 /9.2/ .		
° ∏ / →	MAX	118.56	117.33	1 0.0	1 122,24	11 122.24		
		L	<u> </u>	1	<u> </u>	<u> </u>		

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	MEAN H	NOWLEDG	E TEST S	CORE S O F	
1974	GRADU	TES BY	REPORTED	TREATME	NT OF
PATIENTS	WITH	VARIOUS	HANDICA	PPING CO	NDITIONS

				•	-		
		-		PAT	LENT MANA	SEMENT	4
	د .]	TREATM	TREATM		NO ·	
	HANDICAP		OFFICE	HOSPITAL	REFERRED	CONTACT	TOTAL
	•	·					T T
Ш	MULTIPLE	N	32	10	0	135	177
11	SCLEROSIS	ROW%	18.08%	5.65%	0.0%	76.27%	100.00%
-11		COL%		3.94%	0.0%	3.51%	2.70%
11	•	MEAN	100.60	107.39	0.0	100.94	101.24
		S.D.	9.27	6.76	0.0	8.77	8.89
Н		MIN	79.27	98.91	0.0	79.27	79.27
Ш	*	MAX	116.10	118.56	0.0	122.24	122.24
	\sim	I	I .			ا بز ا	I I
	MUSCULAR	N	12	. 7	0	157	. 176
11	DYSTROPHY	ROM%	6.82%	3.98%	0.0%	89.20%	100.00%
Π		COL%	0.50%	2.76%	0.0 %	4.08%	2.68%
Πį	\sim	MEAN	97.48	107.51	. 0.0	101.21	101.20
		S.D.	7.61	6.05	0.0	8.94	8.90
		MIN	85.41	98.91	0.0	79.27	79.27
		MAX	111.19	117.33	.0.0	122.24	122.24
÷						l I	1 1
	FACIAL TRAUMA	_ N	123	10	l · 31	46	182
	FROM ACCIDENTS	ROW%	67.58%	5.49%	ł.65%	25.27%	100.00%
П		COL%	5.15%	3.94%	4.1/7%	1.19%	2.77%
		MEAN	101.36	101.00	103/42	99.87	101.00
П		S.D.	8.95	9.57	8.64	9.65	9.19
П	3	MIN	75.59	76.82	94.00	*81.73	75.59
11		MAX	118.56	112.42	114.87	122.24	122.24
II				-			
ï	MULTIPLY-	N	44	8	2	120	⁻ 174
11	HANDICAPPED	ROW%	2 5.29%	4.60%	1.15%	68.97%	100.00%
11	•	COLX	1.84%	3.15%	2.78%	3.12%	2.65%
11		MEAN	101.37	102.90	100.76	100.71	100.98
	•	S.D.	8.23	5.65	15.35	9.14	8.89
11		MIN	87.86	94.00	85.41	79.27	79-27
Ш		MAX	122.24	112.42	116.10	118.56	122.24
			•				
!!	THE HOME-BOUND	N-1	21	6	0	147	174
!!	PATIENT	ROW%	12.07%	3.45%	0.0%	84.48%	100.00%
		COL%	0.88%	2.36%	0.0 %	3.82%	2.65%
11		MEAN	100.84	103.42	0.0	101.09	101.14
11		5.D.	9.03	64 93	0.0	9.03	8.98
	•	MIN	79.27	94.00	0.0	79.27	79.27
11	,	MAX	116.10	112.42	0.Q	122.24	122.24
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MEAN KNOWLEDGE TEST SCORES OF 1974 Graduates by reported treatment of Patients with various handicapping conditions

	PATIENT MANAGEMENT					
Ī	TREATM	TREATM		<u>но I</u>		
HANDICAP	OFFICE	HOSPITAL	REFERRED	CONTACT	TOTAL 1	
			· •			
THE NURSING-HOME N	69	17	1	95	182	
I PATIENT ROWA	37.91%	9.34%	0.55%	52.20%l	100.00%	
COL%	2.89%	6.69%	1.39%	2.47%	2.77%	
MEAN	101.19	100.65	108.74	100.81	100.98	
i s.d. i	8.69	9.21	0.0	9.53	9.18	
MIN	- 75.59	76.82	108.74	81.73	75.59	
MAXI	116.10	116.10	108.74	122.24	122.24	
		j I	l. I	1		
I CLEFT PALATE	61	6	6	108	181	
I (AND CLEFT LIP) ROW%	33.70%	3.31%	3.31%	59.67%	100.00%	
COL%	2.55%	2.36%	8.33%	2.80%	2.76%	
MEAN	100,08	102.60	94.82	101.53	100.85	
[] S.D.	9.83	13.09	7.98	8.42	9.19	
) - MIN	75.59	76.82	85.41	79.27	75.59	
jj maxi	122.24	117.33	109.96	118.56	122-24 11	
ii · · · ·	l	l	t l		! !!	
I OTHER CRANIOFA- N	21	9	8	135		
CIAL ANOMALIES ROWX	12.14%	5.20%	4.62%	78.03%	100.00%	
ti col%	0.88%	3.54%	11.11%	3.51%	2.63%11	
MEAN	99.03 [°]	102.05	98.91	101.33	100.98	
1 S.D.	8.22	9.79	7.31	9.25	9.13	
MIN	87.86	76.82	87.86	79.27	76.82 []	
MAX	117.33	112.42	111.19	122.24	122.24	
11			!			
SPINA BIFIDA N	6	6				
ROMX	3.43%	3.43%	0.0 %	93.14%		
II COLX	0.25%	2.36%	0.0%	4.23%		
II MEAN	101.57	106.08		1 100.93		
S.D.	6.92	1 7.21		9.00 70 07	0.73 70 97	
, MIN	86.64	1 94.00	1 0.0	/9.6/	1 199 96 11	
II MAX	107.51	1 113.65	0.0	122,24	1 166.64 11	
				1 147	1 174	
II THALIDOMIDE N	1 5	1 2		1 05 0671		
ROMS	1 2.87%		1 0.0 %	1 75.70AI	2.65211	
		1 0.794	1 0.0 %	1 101 05	1 101.22	
II MEAN	1 105.79	1 102.95			8.92 1	
11 S.D.	1 07.60	1 3.00		10 0.77 I	1 79.27	
	1 7/.07	1 107 51		1 122.24	1 122.24	
II MAX	1 114.0/	1 107.51	0.0	1 200104		
	1	<u>l</u>	<u> </u>		لوادي	

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PATIENT MANAGEMENT						
		TREATM	TREATM		И ИО И	i
HANDICAP]	OFFICE	HOSPITAL	REFERRED	CONTACT	TOTAL
		7 -		_	ľ I	I[
DIABETES	. N	172	5	1	8	186
11	ROW%	92.47%	2.69%	· 0.54%	4.30%	100.00%
11	COL%	7.20%	1.97%	1.39%	0.21%	2.83%
11 1	MEAN	100.96	107.02	97.69	104.44	101.26 ^
11	S.D.	9.03	4.15	0.0	9.71	9.02
11	MIN	75.59	100.14	97.69	81.73	75.59
11	MAX	122.24	112.42	97.69	116.10	122.24
11						
HEMOPHILIA	N	29	11	10	125	175
11	ROW%	16.57%	6.29%	5.71%	71.43%	100.00%
11	COL%	1.21%	4.33%	13.89%	3.25%	2.67%
11	MEAN	98.53	104.05	97.32	101.65	101.04
II .	S.D.	6.87	10.39	8.85	9.25	9,10
II i	MIN	84.18	76.82	85.41	79.27	76.82
	MAX	109.96	117.33	116.10	122.24	122.24 11
11					<u> </u>	
CARDIOPULMONARY	N	149	8	3	21	181
DISEASE	Row%	82.32%	4.42%	1.66%	11.60%	100.00%
− II *	COLX	6.24%	3.15%	4.17%	0.55%	2.76%
	MEAN	,101.61	101.98	92.37	98,86	101.15
ļļ ,	S.D.	8.60	10.29	5.52	10.65	9.02
	MIN	79.27	76.82	87.86	79.27	76.82
	MAX	122.24	112.42	100.14	116.10	122.24
ASTHMA	N	155	5	0	24	184
	ROM%	84.24%	2.72%	0.0 %	13.04%	100.00%
	COL%	6.49%	1.97%	0.0 %	0.62%	2.80%
	MEAN	101.24	102.35	0.0 '	98.66	100.94
	S.D.	8.98	12.98	0.0	8.39	9.09
	MIN	75.59	76.82	0.0	81.73	75.59
ļļ	MAX	122.24	112.42	0,.0	116.10	122.24
ATHEROSCLEROSIS	N	99	5	0	71	175
!!	ROMX	56.57%	2.86%	0.0 %	40.57%	100.00%
!!	COLX	4.14%	1.97%	0.0 %	1.84%	2.67%
!!	MEAN	100.82	101.12	0.0	101.08	100.93
!!	s.o.	8.98 I	12.84	0.0	9.20	9.21
!!	MIN	75.59	76.82	0.0	79.27	75.59
!!	MAX	118.56	112.42	0.0	122.24	122.24
					1	. 11

MEAN KNOWLEDGE TEST SCORES OF 1974 GRADUATES BY REPORTED TREATMENT OF PATIENTS WITH VARIOUS HANDICAPPING CONDITIONS

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MEAN KNOWLEDGE TEST SCORES OF 1974 GRADUATES BY REFORTED TREATHENT OF PATIENTS WITH VARIOUS HANDICAPPING CONDITIONS

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		• PATI	ENT MANAG	ENENT	
· · ·	TREATM	TREATH	<u> </u>	NO I	
HANDTCAP	OFFICE	HOSPITAL	REFERRED	CONTACT	TOTAL [
·	•	<u> </u>		I	
LI EMPHYSEMA N	104	7	0°° 0	67	178
ROWX	58.43%	3.93%	/ 0.0 %	.37•.64%	100.00%
. col2	4.35%	2.76%	ö.o %	1.74%	2.71%
II "• "MEAN	99.60	104.00	.0.0	102.76	100.96 J
S.D.	· 8.59	12.21	0.0 I	9.47	, 9.24 [*]
II MIN	75.59	76.82	0.0	7,9.27	75.59
MAX	118.56	117.33	0,0	122.24	122.24
		i · ·	I I	· · · · ·	
I CYSTIC FIBROSIS . N	7	1. 5	, 1	* 160	173
II ROWZ	4.05%	2.8'9%	0.58%	92.49%	100.00%
ii . Colx	0.29%	1.97%	1.39%	4.15%	,2.63%
II .MEAN	104.53	107.51 1	96.46	100,86	101.18
II S.D.	9.02	4.11	•••.o	8.80 I	8.79
ii • MIN	85.41	1 1200.14	96.46	79.27	79.27
	112.42	112.42	96.46	122.24	122.24
	i •	1	1 .	L I	1
	133	. 16	2	40 	181
IL REACTION ROWZ	73.48%	3.31%	1.10%	22.10%	100.00%
COL%	5 57%	. 2.36%	2.78%	1.04%	2.76%
II MEAN	100.81	108.94	87.86	102.01	101.20
11 S.D .	9.11	5.32	6.14	· 8.55	9.09
II -MIN	75.59	100.14	81.73	84.18	75.59
HAX MAX	122.24	117.33	94.00	118.56	122.24
- ii	i ,	1.	1	.	. I
II AUTISH N	5	r 3	°. 0	163	171
ROWX	2.92%	1.1.75%	0.0 %	95.32%	100.00%
	0.21%	1.18%	↓ 0.0 x	4.23%	2.60%
II MEAN	102.11	98.91	0.0	101.03	101.02
, s.o.	' 4.57	1 15.75 .	1 0.0	9.04	9.11
II MIN	97.69	76.82	1. 0.0	79.27	76.82
II MAX	109.96	112.42	0.0,	122.24	122.24
ii .	ŀ	۲.,	L .		ļ [
I HYPERACTIVITY N	99	4	1	76	180
II 'ROWX	55.00%	2.22%	0.56%	42.22%	1 100.00%
COL%	4.14%	1.57%	1.39%	1.97%	2.74%
MÉAN	100.80	98.30	85.41	101.93	1 101,14
'S.D.	8.50	14.28-	0.0	9.63	9.24
II MIN	ľ 75.59	76.82	85.41	79.27	75.59
MAX	122.24	112.42	85.41	118.56	122.24
	1	<u> </u>			1

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		-		<u> </u>	LENI FIAMA	FLENI	
		1	TREATH	TRÉATM		ND I	
	HANDICAP	1	OFFICE	HOSPITAL	REFURRED	CONTACT	TOTAL
T						- 4	
i	OTHER BEHAVIOR	Nİ	. 83	4	5	75 1	i 167 ii
ii	PROBLEMS	ROWX	-49.70%	2.40%	2.99%	44,91%	
ii		COLX	3.47%	1.57%	6.94%	1.957	2.542
i	i de la constante de	MEAN	100.14	107.20	98.67	102.71	1 101.42 1
ii	ŋ	S.D.	8.68	4.62	.10.22	9.04	8.96
ii		MIN	79.27	100.14	85.41	79.27	1 79.27
i		MAX	117.33	112.42	111.19	122.24	122.24
ii					/	i	i ii
i	LEUKEMIA	ыİ	22	8	i oi	145 İ	İ 175 İİ
İ	6	ROW%	12.57%	4.57%	0.0 %	82.86%	1 100.00%
Í		COLX	0.92%	3.15%	0.0 %	3.77%	2.67%
Ì		MEAN	99.53	107.05	0.0	100.95 1	101.05
İ		S.D.	9.49	12.07	0.0	8.72	9.11
İ	i de la companya de la	MIN	84.18	76.82	0.0	79.27	76.82
Ť		MAX	122.24	117.33	0.0	118.56	1 122.24
i				···		i	1 1
İ	OTHER BLOOD	N	43	4	2	120	i 169 ii
İ	DYSCRASIAS	ROW%	25.44%	2.37%	1.18%	71.01%]	1 100.00%
İ	- · · · · · · · · · · · · · · · · ·	COL%	1.80%	1.57%	2.78%	3.12%	2.57%]
Ľ		MEAN	109.37	110.58	97.69	101.47	101.36
İ		S.O.	7.94	5.32	1.23	9.21	8.91
۰İİ		MIN	84.18	102.60	96.46	79.27	79.27
Ì		MAX	117.33	117:33	98.91	122.24	122.24
İ		1		•		Í	i
ľ	BRAIN TUMORS	N	27	4	0	144	175
İ		, ROWZ	15.43%	2.29%	0.0 %	82.29%	100.00%
Ì		COLX	1.13%	1.57%	0.0 %	3.74%	2.67%
Ì	r	MEAN	98.14	108.74	0.0	101.53	1 101.17
È		s.o.1	6.25	6.14	0.0	9.21	8.91 ii
İİ		MIN	81.73	100.14	0.0	. 79.27	1 .79.27
İ	•	MAX	107.51	117.33	- 0.0	122.24	1 122.24 1
İİ							i 11
İ	SARCOMAS	N	15	4	1	155	175
İÌ	•	ROW%	8.57%	2.29%	0.57%	88.57%	100.00%
j.	•	COLX	0.63%	1.57%	2 1.39%	4.02%]	2.67%
Ì	•	MEAN	102.27	111.80	100.14	100.80 1	1 101.17
Ť	ge	s.p.	8.34	3.63	0.0	8.91] 8.91
İ		MIN	85.41	107.51	100.14	79.27 I	79.27
İÌ		MAX	113.65	117.33	100.14	122.24 J	122.24
İ		1				i	1. 11

MEAN KNOWLEDGE TEST SCORES OF 1974 Graduates by Reported treatment of Patients with various handlicapping conditions

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MEAN KNOWLEDGE TEST SCORES OF 1974 GRADUATES BY REPORTED TREATMENT OF PATIENTS WITH VARIOUS HANDICAPPING CONDITIONS

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	PATIENT MANAGEMENT					
• 1	TREATH	TREATM		NO II		
HANDICAP	OFFICE	HOSPITAL	REFERRED	CONTACT	TOTAL	
11					·	
I SQUAMOUS CELL N	34	12	6	127 11	179	
LI CARCINOMA ROWZ	18.99%	6.70%	3.35%	70.95%	100.00%	
COLZ	1.42%	4.72%	8.33%	3.30%	2.73%	
(I MEAN	100.94	109.66	100.35	100.68	101.32	
11. S.D.	7.70	6.30	1 6.70 l	9.08 11	8.88	
MIN	87.86	96.46	90.32	79.27	79.27	
MAX MAX	116.10	118.56	106.28	122.24	122.24	
		1 ,	1		1	
	50	j 7	9	110	176	
II ROWZ	28.41%	3.98%	5.112	62.50%	100.00%	
COLZ	2.09%	2.76%	12.50%	2.86%	2.68%	
ΜΕΔΝ	101.69	1 109.61	99.73	100.60	101.22	
II S.D.	7.86	6.04	5.64	9.45	8.93	
MIN	81.73	1 101.37	86.64	79.27	79.27	
MAX	1 116.10	1 117.33	106.28	122.24	122.24	
		1	1	i i		
					:=========	

CHI-SQUARE= 72272.8232 (NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)



MEAN KNÓWLEDGE TEST SCORES OF-1976 GRADUATES BY REPORTED TREATMENT OF PATIENTS WITH VARIOUS HANDICAPPING CONDITIONS

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		PATIENT_MANAGEMENT						
		Ī	TREATM	TREATM		NO I	<u> </u>	
	HANDICAP		OFFICE	HOSPITAL	REFERRED	CONTACT	TOTAL 1	
	•				· · ·		I - II	
	MENTAL RETARD-	: N	258	48	1 -9	83	1 398 II	
	ATION	ROMX	64.82%	12.06%	2.26%	20.85%	100.00%	
	, , , , , , , , , , , , , , , , , , ,	COLX	4.83%	4.66%	8.18%	1.07%	1 2.80%	
	•	- MEAN	102.51	103.36	97.76	102.99	102.60	
	الم	s.D.l	8.27	7.52	9.75	7.58	8.12	
		MINI	73.23	76.88	78.71	69.68	69.58	
		MAX	122.50	122.50	112.46	120.67	122.50	
	·	•	•		_		!!!	
!!	CEREBRAL PALSY	іи	116	49	5	215	385	
!!		ROW%	30-13%	12.73%	1.30%	55.84%	100.00%	
		COLXI	2.17%	4.75%	4.55%	2.78%	2.71%	
		MEAN	103.32	103.37	107.35	102.01	102.65	
		S.D.	7.50	6.95	6.39	8.62	8.12	
		MINI	81.44	76.88	96.95	69.58	69.58	
		MAX	122.50	11,5.20	114.29	122.50	122.50	
			176	07		007 1		
	DFTUDNE33	00.121	159	6 047	0.07	CG 7571	1 209 11	
		60171	24.70%	0.946	0.0%	0.357	1 100.00/11	
		MEANI	102 00	6.02/		C. 7441	1 6.79411	
		C D I	102.00	103.00				
		0.0.1 MTNI	70 71	74 00				
		MAVI	10./1	10.00		07.00	1 09.50 11	
			166.90	119.20	0.0	1 166.50		
İ	DEAFNESS	ท่	173	27	1 1	188	i 389 ii	
	· · · · · ·	ROWX	44.47%	6.94%	0.26%	48.33%	100.00%	
		COLXI	3.24%	2.62%	l 0.91%	2.43%	2.74%	
		MEANI	102.88	104.72	96.95	102.04	102.59	
		S.D.1	8.19	8.17	0.0	8.18	8.21	
	-	MINI	76.88	76.88	96.95	69.58	69.58 11	
		MAX	122.50	122.50	96.95	121.58	.122.50	
					-			
	EPILEPSY	NI	302	27	3	64	396 1	
		ROMXI	76.267	6.62%	0.76%	16.16%		
		COLXI	5.65%	2.62%	2.73%	0.83%	2.79%	
		MEANI	102.71	102.66	99.99		1 102.52	
		5.0.1	7.98	7.65	3.44 05	8.93		
	· · ·	MINI	73.23	76.88	95.13	69.58	1 69.58	
		PIAXI	155.20	115.20	1 102.43	120.07	1 122.50 	
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MEAN KNOWLEDGE TEST SCORES OF 1976 GRADUATES BY REPORTED TREATMENT OF PATIENTS WITH VARIOUS HANDICAPPING CONDITIONS

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•		•		PATI	ENT HANAG	EMENT	•	
,		e - Ī	TREATM	TREATM	20	NO		L
	HANDICAP		OFFICE	HOSPITAL	REFERRED	CONTACT	TOTAL	1
TI		· · · · ·		1			1 1	Ĩ
ii	STROKE	N	217	' 34	. 31	137	391	l
-ii	••••	ROWX	55.50%	8.70%	0.77%	35.04%	100.00%	l
ii	<i>(</i>	COLX	4.06%	3.30%	2.73%	1.77%	2.75%	1
ii	* a	MEAN	102.37	102.51	111.55	102.69	102.56	1
- 11		: S.D.	8.49	7.90	2.58	7.43	8.09	ļ
ii	•	HIH	69.58 .	76.88 -	109.72	78.71	69.58	l
ii		MAX	122.50	118.85	115.20	122.50	122.50	I.
- 11	•	-	- I	+ · ·			1 • 1	ļ
-ii	PARKINSONISM	. N	115	• 30	0	236	381	ļ
-11	•	ROWX	30.18%	7.87%	0.0 %	61.94%	100.00%	ļ
-ii	•	COL%	2.15%	2.91%	0.0 %	3.06%	2.60%	Ļ
-11		, MEAN	102.89	103.76	1 0.0	102.41	102.66	ļ
-11	· · ·	S.D.	9.05	3.74	0.0	7.72	8.16	ļ
11	, •	MIN	69.58	16.83	0.0	76.71	69.58	İ
-11		MAX	122.50	122.50	0.0 •	122.50	1 122.50	İ
-11			1 s *		l			İ
-11	ARTHRITIS	. N	321	23	0 -	56	400	İ
-11	v	ROMS	80.25%	。5.75%	0.0 %	14.00%	100.00%	ļ
-11		COL%	6.01%	2.23%	1 0.0 %	0.73%	2.82%	İ
- İ.İ	•	MEAN	102.46	104.25	0.0	102.56	1 102.57	İ
ΞÌÌ	•	S.D,	8.24	6.60	0.0	8.50	8.20	İ
-11		ทเพ	69.58	94.21	1 0.0	73.23	69.58	ļ
- i i		MAX	122.50	118.05	0.0	120.67.	122.50	ļ
ii	1 .		1		1		! . !	İ
-11	POLIONYELITIS	. N	65	13	0	299	377	i
11		ROW%	*17.24%	3.45%	0.0%	79.31%	1 100.00%	i
11	•	COL%	1.22%	1, 1,26%	0.0 %	3.87%	2.65%	1
11		MEAN	103.04	105.30	0.0	102.54	102.72	
- 11		S.D.	7.05	6.03	0.0	8.48	8.19	
- 11		MIN	08.74	94.21	0.0	69.58	69.58	
- 11		MAX	117.93	115.20	0.0	122.50	122.50	
			l	ł			ľ ma	
-11	SPINAL CORD	' N	0 80	30	3 • 1	266	378	
	INJURIES	Roms	21.16%	7.94%	0.53%	70.37%	100.00%	
		COL%	ļ 1.50%	2.91%	1.02%	3.44%	8.66%	
- 11	• •	MEAN	103.19	104.55	102.88	102.41	1 102.75	
- 11		S.D.	7.56	9.64	0.46	8.16	8,17	
	· •	HIN	78.71	76.88	1 102.43	64.58	69.58	
- 11		Max	117.93	122.50	103.34	r 128.50	122.50	
- 11					<u> </u>			



MEAN KNOWLEDGE TEST SCORES OF 1976 GRADUATES BY REPORTED TREATMENT OF PATIENTS WITH VARIOUS HANDICAPPING GONDITIONS

PATIENT MANAGEMENT							
		. 1	TREATH	TREATH		NO I	
	HANDICAP		OFFICE	HOSPITAL	REFERRED	CONTACT	TOTAL 11
II		•					
111	HULTIPLE	N	66	28	0	° 287	381
11 8	SCLEROSIS	Roms	17.32%	7.35%	0.0%	75.33%	100.00%
		COLX	1.23%	2.72%	0,0 %	3.72%	2.68%
11		MEAN	102.14	104.87	0.0	102.70	102.76
II		S.D.	9.01	4.81	0.0	8.14	8.13
II	•	MIN	73.23	94.21	0.0	69.58	69.58
		MAX	122.50	113.37	0.0	122.50	122.50
					×	l I	
11 1	NUSCULAR	, N	52	15	1	307	375
ii c	DYSTROPHY	ROWZ	13,87%	4.00%	0.27%	81.87%	[100.00%
ļļ	•	COL%	0.97%	1.45%	0.91%	3.98%	2.64%
11		., MEAN	102.32	105.71	96.25	102.62	102.70
11		S.D.	7.54 °	5.43	0.0	8.38	8.19
14	•	MIN	78.71	94.21	96.95	69.58 1	69.58
Ц.		MAX	122.50	115.20	96.95	122.50	122.50
			•	c		1	
II F	FACIAL TRAUMA	H	257	- 45	14	75	391
II F	FROM ACCIDENTS	ROM	65.73%	11.51%	3.58%	19.18%	100.002
11		COLX	4.81%	4.36%	12.73%	0.97%	2.75%
11		. MEAN	102.76	103.50	102.95	101.22	102.57
11		S.D.	8.20	7.83	9.06	• 7.67	8.12
		нін	69.58	76.00	88.74	78.71	69.58
		MAX	122.50	122.50	114.29	114.29	122.50
				·	I . 'I	· · · · ·	• • []
11 1	ULTIPLY-	. – И	116	39	. 0	221	376 [
11 F	IANDICAPPED	ROWZ	30.85%	10.37%	. 0.0 %	58.78%	100.00%
		COLX	2.17%	3.78%	0.0 %	2.86%	/ 2.65%
		MEAN	102.21	103.62	0.0,	102.50	102.53
11		S.D.	6.92	8.54	0.0	7.62	8,15
		, MIN	78.71	76.88	0.0	69.58	69.58
ļI –		MAXI	122.50	122.50	0.0	122.50	122.50
			<i>i</i> (l I	'
11 1	THE HOME-BOUND	. н	62	12	1	298	373
	PATIENT	ROWZ	16.62%	3.22%	0.27%	79.89%	100 .00%
11		COLXI	1.16%	1.16%	0.91%	3.86%	2.63%
11		MEAN	101.73	103.11	91.4 8	102.00	102.61
11		S.D.	8.69	6.41	0.0	7.99	- 8 . 09
11		HIN	81.44	86.92	, 91. 48 ¶	69.58	69.58
11		MAX	122.50	113.37	91.48	122.50	122.50
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MEAN KNOWLEDGE TEST SCORES OF 1976 Graduates by reported treatment of Patients with Various Handicapping Conditions

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			PATIENT MANAGEMENT					
		ī	TREATM	TREATH		ND 1	<u>í – í í</u>	
	HANDICAP	1	OFFICE	HOSPITAL	REFERRED	CONTACTI	TOTAL 1	
11		1	1		1	- I	1 11	
11	THE NURSING-HOME	ы1	127	45	4	211	387	
1	PATIENT	ROWXI	32.82%	11.63%	1.03%	54.52%	100.002	
11	•	COLZI	2.38%	4.36%	3.64%	2.73%	2.72%	
1		MEANI	102.71	104.37	97.86	102.34	102.65	
11		s.d.l	7.93	6.87	7.77	8.45	8.16	
1		MINI	81.44	86.92	89.65	69.58	69.58	
1		MAX]	121.58	122.50	108.81	122.50	122.50]	
1		1					! !!	
1	CLEFT PALATE	ы	169	34	6	181	390 1	
1	(AND CLEFT LIP)	RONXI	43.33%	8.72%	1.54%	46.41%	1 100.00211	
1		COLXI	3.16%	3.30%	5.45%	2.34%	2.74711	
1	•	MEAN	102.65	104.57	105.62	102.32	1 102.71 11	
1		9.D.	7.86	8.49	7.57	8.22 1	8.11	
1		MIN	69.58	76.88	91.48	73.23	69.58 11	
1		MAXI	122.50	122.50	112.46	122.50		
1	_]				
1	OTHER CRANIOFA-	NI NI	61	25	r 5	282 1	1 3/3 11	
1	CIAL ANDMALIES	ROMXI	16.35%	6.70%	1.34%	75.602		
1		COLX	1.14%	2.42%	4.55%	3.65%	1 2.03/11	
Ţ		MEAN	105.16	105.24	108.08		1 102.60 11	
ļ		9.0.1	6.98	6.94.		0.34 (0.50	1 40 50 11	
ļ		MIN	81.44	1 93.30	1 105.16	09.98	1 100 50 11	
ļ		MAX	117.02	1 118.85	1 113.20/	1 146.90	P 11	
!			80		1 0	1 770 1	1 170	
!	SPINA BIFIDA	n courd	28	1 2 014		1 766 1	1 100 00%11	
!		COLVI	7.416	1 2.917	1. 0.0 %	09.00/	2 6671	
		MEAN	0.527	1 100 00	1 0.0 %	1 102 62 1	1 102.78 11	
-		0 0	6 6 7	1 6 60		1 A 20 1	1 8.14 1	
-	1	- 0.0.1	0.07 A7 01	1 04 21	1 0.0	1 AQ 5A 1	1 69.58 1	
-	1	MAY	116 20	1 115 20	1 0.0	1 122.50 1	1 122.50 1	
	1	6		1	1 0.0		1 1	
ł		ม	11	5	1 2	i 358 i	376 1	
-		POUV	2.932	i 1.332	1 0.532	i 95.2121	1 100.0021	
i	i	COLV	0.212	0.48%	1 1.82%	4.6421	2.65%1	
i	i i i i i i i i i i i i i i i i i i i	MEAN	104.50	1 104.43	1 112.46	1 102.64 1	1 102.77 1	
i	i	S.D.	4.30	6.25	1 0.0	8.24 1	0.15	
ł	i	MIN	98.78	1 94.21	112.46	69.58	69.58	
i	i	MAX	112.46	1 111.55	112.46	1 122.50 1	1 122.50 1	
1	i			1	j		1	
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MEAN KNOWLEDGE TEST SCORES OF 1976 GRADUATES BY REPORTED TREATMENT OF PATIENTS WITH VARIOUS HANDICAPPING CONDITIONS

		PAT	CENT MANAG	SEMENT	•
	TREATM	TREATM		NO I	
HANDICAP	OFFICE	HOSPITAL	REFERRED	CONTACT	TOTAL
	•	· ·		1	1 11
DIABETES N	361	26	0	15	1 402 11
ROWX	89.80%	6.47%	0.0 %	3.73%	1 100.00%
	6.75%	2.52%	0.0 %	0.19%	2.8371
l MEAN	102.40	103.65	0.0	105.47	1 102.60 1
5.0.	8.17	7.28	0.0	6.79 1	8.09 1
* * MIN	69.58	90.57	0.0	90.57 1	69.58 1
. · · · MAX	122.50	118.85	0.0	114.29	122.50
			· · ·		1 11
HEMOPHILIA N	66	45	15	256.1	1 382 11
ROMX	17.28%	11.78%	3.93%	67.02%	1 100.00%
	1.23%	4.36%	13.64%	3.3221	2.69%1
II MEANI	102.63	104.29	105.10	102.31	102.71
* S.D.	7.75	7.92	7.17	8.27	8.14
II MIN	83.27	76.88	91.48	69.58	69.58
l MAX	121.58	118.85	116.11	122.50	1 122.50
		-	1	l i i	1 11
CARDIOPULMOHARY N	317	29	1	51	1 398 1
DISEASE ROWX	79.65%	7.29%	0.25%	12.81%	1 100.00%
COLX	5.93%	2.81%	0.91%	0.66%	1 2.80%1
MEAN	102.90	102.02	98.78	101.30	1 102.62 1
S.D. I	8.03	7.95	0.0	8.44	8.09 1
MINI	69.58	81.44	98.78	78.71	69.58 1
HAXI	122.50	118.85	98.78	120.67	1 122.50 11
,				· · · · · ·	ii ii
I ASTHMA N	329	26	0	44 1	399
ROMX	82.46%	6.52%	0.0 %	11.03%	1 100.00%
COLX	6.16%	2.52%	0.0 %	0.57%	2.8121
II MEANI	102.64	104.11	0.0	102.30	1 102.70
5. D.	7.73	6.46	0.0	10.15	1 7.97 1
II MIN	76.88	94.21	0.0	69.58	1 69.58 1
II . MAXI	122.50	118.85	0.0	121.58	1 122.50 1
II ` I			İ	i i	1 11
ATHEROSCLEROSIS N	210	22	0	146 1	1 378 1
ROWX	55.56%	5.82%	0.0 %	38.62%	1 100.0021
II COLX	3.93%	2.13%	0.0 %	1.89%	1 2.66%1
MEAN	103.29	103.84	0.0	101.43	1 102.60 1
S.D.	8.23	6.78	0.0 I	8.11	1 8.16 1
II MIN	73.23	94.21	0.0 İ	69.58 1	1 69.58 1
I MAX	122.50	118.85	0.0	120.67	1 122.50 1
ll				i i	

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MEAN KNOWLEDGE TEST SCORES OF 1976 GRADUATES BY REPORTED TREATMENT OF PATIENTS WITH VARIOUS HANDICAPPING CONDITIONS

DATTENT MANAGEMENT						
-	TREATH	TDEATH	LENI DAMAD	<u>2020</u>	1	
	INCAIN I	UNCOTTAL	DEFEDDEN	CONTACT	ί τοται ΙΙ	
	UFFILE	MUSFALAL.	REFERENCE			
	. 210	30	i ni	147 İ/I	387 1	
	EA 267	7 752	่ ค.ค.ะไ	37.98211	100.00%	
	1 017	> 2 91%		1.90%	2.72%	
II MEANI	103 36	TÀG 74		101.61/11	102.79	
	7.70	8.15		8.52/11	8.12	
	73 23	81.44	i o.o i	69.58 11	69.58	
	122.50	122.50	i 0.0 l	120.67	122.50	
	100.00		i i	1		
	18	i 10	1 1	I 3≸2 II	4 381 	
	4.72%	0.62%	0.26%	92./39%11	100.00%	
COLX	0.34%	0.97%	0.91%	4 56%	2.6871	
MEAN	101.46	105.71	100.60	102/.71	102.73	
/ II S.D.	8.24	5.64	0.0	\$.21 	8.16	
MIN MIN	82.35	94.21	100.60	6/9.58	69.58	
MAX MAX	115.20	115.20	100.60	1 4 2.50	122.50	
ii	1	I	I '			
I ALLERGIC N	27/2	I 20	5	93	390 I	
I REACTION ROW!	69.74%	5.13%	1.28%	23.852	100.00%	
COLX	5.09%	1.94%	4.55%	1.20%	2.74%	
II MEAN	102.23	104.61	100.97	103.85	102.72	
S.D.	8.08	7.15	7.17	8.17	8.09	
NIN	73.23	90.57	91.48	69.58	69.58 300 Co	
МАХ	122.50	118.85	109.72	122.50	1 155.20 1	
	!	!	! /	 	1 770	
I AUTISM N	24		l du	I 09001	1 100 002	
II ROW:	6.35%	1 3.44%	0.00%	09.9971	1 200.007	
	0.45%	1 1.26%		4.40A 102 47	1 302 72	
MEAN	1 104.95	1 103.34	1 07/09			
5.0.	1 7.55	0.91				
	1 96.39	07.03		1 122 60 1	1 122.50	
	1 111.42	1 112.2/	1 97.05			
	1 210	1 96	1 4	1 137	i 385 İ	
I HTPERACTIVITT N	1 56 697	1 6 767	1/1042	35.582	1 100.0021	
	1 20.052	1 2.62%	3.642	1.772	2.71%	
	1 102 34	1 105.04	99.46	1 102.63	1 102.60	
	7.81	7.04	1 12.56	8.69	8.10	
11 3.0. 11 MTH	79.62	93.30	78.71	69.58	69.58	
	1 122.50	1 122.50	1 112.46	1 121.58	1 122.50 l	
11	1	1 7	İ		11	
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MEAN KNOWLEDGE TEST SCORES OF 1976 GRADUATES BY REPORTED TREATMENT OF PATIENTS WITH VARIOUS HANDICAPPING CONDITIONS

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		WELL A WAA	PAT	ENT MANA	SEMENT	
	,	INEAIN	IREAT		NO I	
HAGILLCAP		OFFICE	HUSPITAL	REFERRED	CONTACT	I TOTAL I
II OTHER REMANTOR		110			1 170 1	
	มา เมษา	45 41%	1 60 1 8 612		175 (57 709)	1 100 00/1
	601.21	7 142/	1 9.416	4 74.9	97.30/1	1 100.00/1
ii i	MEANI	103 67	1 102 96	103 60	1 6.6741	1 102 40 1
	C n l	105.97 A ¥1	1 7 00			
	мты	7A 21	1 76 89	0.20 0.46	1 7173 I	
ii	HAY	122 60	1 116 2n	116 20	1 0574.00 I	1 199 50 1
ii i	1100	166.90		414.67	110.05	1 166.50 1
II LEUKEMIA	ิ พ	60	34	3	200	. 385
11	ROWX	19.582	0.832	0.782	- 74 . 812	1 100.00%
11	COLZI	1.12%	3.302	2.73	3.7321	2.7121
ii.	MEAN	102.68	104.36	103.95	102.51	1 102.71
ii -	5.0.1	8.41	7.13	4,96	8.14	1 8.09 1
ii	MIN	81.44	87.83	96.95	69.58	69.58
	MAX	122.50	122.50	107.90	122.50	1 122.50
11	~ i					1 1
II OTHER BLOOD	Nİ	75	38	4	252 I	i 369 i
I DYSCRASIAS	ROWX	20.33%	10.30%	1.08%	68.24%	100.00%
11	COLX	1.40%	3.69%	3.64%	3.26%	1 2.60%1
11 1	MEAN	104.02	103.53	101.06	108.27	102.74
11	9.0°I	7.34	9.10	7.81	8.14	8.12
11	HIN	78.71	76.88	91.48	69.58	1 69.58 1
11	MAX	117.02	122.50	112.46	122.50	122.50
[]					1	1 1
I BRAIN TUMORS	Ы	54	55	2	301	379
11 	ROWX	14.25%	5.80%	0.53%	79.4021	100.00%
14	COLXI	1.01%	2.13%	1.82%	3.90%	2.672
	MEANI	103.05	105.74	116.57	102.49	102.79
1 I # L	9.0vl	8.08	9.52	4.11	7.86	0.00
	hin!	03.27	81.44	112.46	69.58	09.58
	I XAM	122.50	122.50	120.67	110.05	122.50
II GADCOMAG		70	0.0	· · , {	700	[[]
II JARGUNAJ	DOUVI	0 0 0 24 1	66 I	0 0 7 7 1	560 I	1 377 11
ii	CO1 1	7.0661	9.0441	6 0141	6 14%	1 100.0041
	· MP AM	102 02	103 60	105 14	102 00 1	1 6.006[] 1 109\80 1
ii A	1 6 2	0 07	A 16 1	0.0	A 67 1	
ii ·	мты	A1 66	96.21	100 10	0.01 L	1 AD DA
ii °	MAXI	122.50	117.02	105.16	122.50	1 122.50 11
ii	1		· ••/.06	 		
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MEAN KNOWLEDGE TEST SCORES OF 1976 GRADUATES BY REPORTED TREATMENT OF PATIENTS WITH VARIOUS HANDICAPPING CONDITIONS

	_		PATI	ENT MANAG	EMENT	
-	y .	TREATM	TREATM	l ¹	NO.	ון יון
HANDICAP		OFFICE	HOSPITAL	REFERRED	CONTACT	<u> `TOTAL" </u>
TI ······		•		н ^н І		I <u>I</u> I
SQUAMOUS CELL	N	78	46	- 3	∘261	388
CARCINOMA	RÖN%	20.10%	11.86%	0.77%	67.27%	100.00%
11	COLX	1.46%	4.46%	2.73%	3.38%	2.73%
11	MEAN	103.22	105.54	100.90	102.22	102-80
11 (S.D.	8.32	7.27	6.76	7.95	8.01
11	MIN	81.44	90.57	91.48	69.58	69.58
11	MAX	122.50	122.50	106.99	122.50	122.50
11 ,	·	L 2	l		I	I ŠII
I OTHER NEOPLASM	N	120	35	7	214	376
11	ROM%	31.91%	9.31%	1.86%	56.91%	100.00%
11 . * *	COL%	2.25%	3.39%	6.36%	2.77%	2.65%
11	MEAN	104.32	105.40	102.03 .	101.37	102.70
11	S.D.	7.43	6.05	6.11	8.51	(8.09
11	MIN	78.71	94.21 '	92.39 4	69.58	69.58
11	MAX	122.50	118.85	108.81	122.50	122.50
	đ		1	ا	。 " 丨	I II
	===========		===========	-============	==============	=============

CHI-SQUARE=_ 4578.7812 (NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)



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MEAN KNOWLEDGE TEST SCORES OF 1978 Graduates by reported treatment of Patients with various handicapping conditions

· ·			PAT	ENT MANAG	SEMENT 5	
	Т	REATM	TREATM	· ·	NO	<u> </u>
HANDICAP	10	FFICE	HOSPITAL	REFERRED	CONTACT	TOTAL
Π		· •	1			I II
MENTAL RÉTARD-	NI	232`	46) <u>୫</u> ା	83	369 🗜
ATIQN RO	47 I	62.87%	12.47%	2.17%	22.49%	100.00%
l'I co	L%	4.55%	4.32%	6.72%	1.20%	2.80%[]
11 🚺 ME	AN 1	03.49	104.16	103.73	103.83	1-03.66
[°] S.	D.	7.60	5.22	6.34	6.50	7.08
м	IN	80.00	89.26	96.21	86.95	80.00]
м	AX 1	19.35	119.35	113.18	117.04	119.35
a			I :			I ^ II
CEREBRAL PALSY	N	114	40	4	203	361
II . RO	47	31.58%	11.08%	1.11%	56.23%	100.00%
† CO	LZI	2.23%	3.76%	3.36%	2.94%	2 2 73%
ME	AN 1	02.89	103.30	106.43	104.08	103.65
`S.	D.	7.60	5.77	3.20 🖵	7.01	7.08
11 N N M	IN	80.00	90.80	102.38	80.00	80.00
м	AX 1	19.35	119.35	110.87	119.35	119.35
11						1 11
BLINDNESS	N	131	41	1	190	363
	WZ T	36.09%	11.29%	0.28%	52.34%	100.00%
11 · CO	LZI	2.57%	3.85%	0,84%	2.75%	2.75%
II ME	AN 1	03.18	104.83	107.78	103.39	103.49
S.	D.	7.93 `	5.03	0.0	7.05	1 7.20.11
11 · M	IN	80.00	95.43	107.978	80.00	80.00
	AX 1	19.35	119.35	107.78	119.35	119.35]
	1			I _		I II
DEAFNESS	N	195	34	1	131	361
11 R0	4X	54.02%	9.42%	0.28%	36.29%	100.00%
``CO	L% .	3.82%	3.19%	0.84%	1.90%	2.73%
H ME	ANI 1	03.30	104.13	100.84/	103.96	103.61
· S.	ວ.1	7.87	5.03	0.0	6.45	7.15.
м	IN	80.00	95.43	100.84	80.00	80.00
м	AX 1	19.35	119.35	100.84	119.35	119.35
	1		· ·			1 · II
EPILEPSY	NI	277	36	. 0	° 61	374
II RO	MX	74.06%	9.63%	0.0 %	16.31%	100.00%
CO	LŽI	5.43%	3.38%	0.0 %	0.88%	2.83%
1 ME	AN 1	03.45	104.63	0.0	103.88	103.63
S.	D.	7:59	4.41	0.0	6.46	7.17 /
te M	IN	80.00	96.21	0.0.	80.00	80.00
M	AX 1	19.35	113.18	0.0 -	117.04	119.35
11		n	L		· · · ·	<u>1</u>

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MEAN KNOWLEOGE TEST SCORES OF 1978 Graduates by reported treatment of Patients with various handicapping conditions

	PATIENT MANAGEMENT						
I TREATM I TREATM I I NO II							
HANDICAP	OFFICE	HOSPITAL	REFERRED	CONTACT	TOTAL		
				I]		
I STROKE N	185	35	1	144	365		
ROMX	50.68%	9.59%	0.27%	39.45%	100.00%		
COLX	3.62%	3.29%	0.84%	2.08%	2.77%		
II MEAN	102.95	104.54	103.92	104.23	103.61		
j, S. 0.	7.88	5.24	0.0	6.44	7.14		
II MIN	80.00	90.80	103.92	80.00	80.00		
ii . MAX	119.35	116.27	103.92	117.04	119.35		
ii - `	1	Ι.	1		! !		
I PARKINSONISM N	112	34	1	211	358		
II ROWX	31.28%	9.50%	0.28%	58.94%	100.00%		
COLX	2.19%	3.19%	0.84%	3.05%	2.71%		
II MEAN	104.02	104.17	102.38	103.45	103.70		
jj ş.o.	7.65	5.86	0.0	7.05	7.14		
ii 'MIN	80.00	90.03	102.38	80.00	80.00		
ii Max	119.35	116.27	102.38	119.35	119.35		
ii	1	· ·	1		! !		
II ARTHRITIS N	· 304	19	0	48	371		
ROWX	81.94%	5.12%	0.0%	12.94%	1 100.00%		
ii colx	5.96%	1.78%	0.0%	0.69%	2.81%		
ji MEAN	103.18	105.63	1 0.0	105.63	1 103.62		
jj 5. 0.	7.35	4.27	0.0	5.80	7.10		
II MIN	80.00	96.21	0.0	96.21	80.00		
ii Max	119.35	113.18	0.0	119,35	119.35		
- Ĥ	1	1	ļ.,	! !			
POLIOMYELITIS N	49	1 10	1	286	346		
II ROWX	14.16%	2.89%	0.29%	82.66%	1 100.00%		
COL%	0.96%	0.94%	0.84%	4.14%	2.62/1		
II MEAN	103.53	105.70	88.49	103.67	103600		
5.0.	8.84	7.04	0.0	6.78	1 7.16		
MIN	80.00	95.43	88.49	80.00			
11 MAX	119.35	119.35	88.49	119.35	1 113.32		
11		!	! .		4) 1 766		
IL SPINAL CORO	1 81	37	2	235	200 000		
TO INJURIES A ROW	22.82%	10.42%	0.56%	66.20%			
	1.59%	3.47%	1.68%	5.40%	2.09%		
II MEAN	1 103.13	105.88	95.43	1 103.52	2 3 . 24		
5.0.	1 7.98	5.23	6.94	1 7.05			
MIN	80.00	97.75	88.49	1 80.00			
II ∕ M♪	P 119.35	119.35	1 102.38	1 114,32	1 114.39		
11		1					

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MEAN KNOWLEDGE TEST SCORES OF 1978 GRADUATES BY REPORTED TREATMENT OF PATIENTS WITH VARIOUS HANDICAPPING CONDITIONS

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			PATIENT MANAGEMENT						
	٩	Ī	TREATM	TREATM	I I	NO I			
	HANDICAP	1	OFFICE	HOSPITAL	REFERRED	<u>CONTACT</u>	TOTAL		
Π		I	- 1		1		!!!		
11	MULTIPLE	Ы	94	29	0	234	357		
11	SCLEROSIS	ROW%	26.33%	8.12%	0.0 %	65.55%	100.00%		
11		COLX	1.84%	2.72%	0.0 %	3.39%	2.70%		
11		MEAN	104.15	104.99	0.0	103.24	103.62		
11		s.d.l	7,37	5.26	0.0	7.23	7.15		
11		MINI	80.00	96.21	0.0	80.00	80.00		
11		MAX	117.04	115.50	0.0	119.35	119.35		
11		l			1				
11	MUSCULAR	N	42	26	0	281	349		
11	DYSTROPHY	ROM%	12.03%	7.45%	0.0 %	80.52%	100.00%		
11		COLX	0,82%	2.44%	0.0 %	4.07%	2.64%		
		MEAN	102.56	104.13	0.0	103.68	103.58		
11	•	S.D.	9.11	5.18	0.0	6.90	7.11		
11		MIN	80.00	90.80	0,0	80.00	80.00		
		MAX	119.35	113.18	0.0	119.35	119.45		
11		a							
11	FACIAL TRAUMA	И	218	47	4	97	366		
11	FROM ACCIDENTS	🚽 ROW%	。 59.56%	12.84%	1.09%	26.50%	100.00%		
11	× .	COLX	4.27%	4.41%	3.36%	1.40%	2.77%		
11		MEAN	103.21	104.12	104.50	104.16	1 103.59		
11		S.D.	7.70	5.30	10.99	6.16	7.11		
11		MIN	80.00	90.80	86.95	87.72	80.00		
		MĄX	119.35	119.35	117.04	117.04 1	119.35		
1		1		/			r l		
11	MULTIPLY-	/ N	98	47	4	212	361		
	HANDICAPPED	ROW%	27.15%	13.02%	1.11%	58.73%	1 100.00%		
		COL%	1.92%	4.41%	3.36%	3.07%	2.73%		
		MEAN	102.13	104.69	108.55	103.72	1 103.47		
		S.D.	7.25	5.91	6.29	7.21	7.13		
		MIN	80.77	90.80	97.75	80.00	1 80.00		
		· MAX	119.35	119.35	113.18	119.35	1 119.35		
X	•				р. —		1 ·		
Ï.	THE HOME-BOUND	٠N	56	18		266	1 343		
İ	PATIENT	VROMX	16.33%	5.25%	0.87%		1 104.00%		
i		COL%	1.10%	1.69%	2.52%	3.85%1			
i	•	MEAN	104.02	103.36	105.41	1 103.45 1	1 103.54		
İ		S.D.	6.46	5.58	1 4.56		1 1.10		
ļ		MIN	86.95	90.80	96.98	80.00	1 80.00		
İ		MAX	117.04	111.64	1 107.01	1 119.35	1 119.35		
1				i	11				

MEAN KNOWLEDGE TEST SCORES OF 1978 GRADUATES BY REPORTED TREATMENT OF PATIENTS WITH VARIOUS HANDICAPPING CONDITIONS

•		PATIENT MANAGEMENT					
\checkmark	ī	TREATH	TREATM	1	NO 11	1	
HANDTCAD		OFFICE J	HOSPITAL	REFERRED	CONTACT	TOTAL	
	1			1	1		
II THE NUBSING-HOME	Nİ	113	47	61	189 1	355	
11 DATTENT	POUV	-31.832	13.24%	1.69%	53.24%1	100.00%	
	COLZI	2.212	4.41%	5.04%	2.73%	2.69%	
ه ۱۱	MEANI	103 02	104.07	107.14	103.73	103.61	
11	S.n.1	- 7 62	5.58	4.91	7.10	7.09	
11	мты	80.00	90.80	1 100.84	80.00 l	80.00	
11 -	MAYI	110 35	119.35	113.95	119.35	119.35	
11	1		1	1 1	1		
11 11 CLEET DALATE		110	1 35	i 8	198	360	
II CLEFI PALAIE	00U21	33.06%	9.72%	2.22%	55.00%	100.00%	
II VANU CLEFI LIPJ	C0121	2.332	3.29%	6.72%	2.86%	1 2.73%	
1 1 1 1	MEAN	103.22	1 105.11	97.65	103.62	103.50	
	S D 1	7.12	5.28	1 11.45	7.06 1	1 7.13 l	
5 5 5 5			1 96.21	1 80.00	80.00 1	80.00 1	
11	MAY	119.35	1 119.35	1 110.87	119.35	119.35	
11 · · ·	1100	45	1	1	1	i I	
11 OTHER CRANTOFA	м	53	1 26	i 3	267 I	349 1	
11 CTAL ANOMALTER	עטעם	1 15 197	1 7.45%	1 0.86%	76.50%	1 100.00%	
11 CIAL ANONALIES		1 1.04%	2.44%	1 2.52%	3.86%	2.64%	
11	MEAN	1 103.66	1 104.66	100.84	103.47	103.57	
11 7	SD	6.65	1 5.70	1 12.58	7.31	7.18	
	MTN		1 95.43	1 83.86	1 80.00 l	1 '80.00	
11	MÁY	1 116.27	1 119.35	1 113.95	119.35	119.35	
11		1	i	1	1 1	1 1	
II COTNA RIFIDA	N	i \ 17	i 7	1 0	325 1	349	
11 SPINA DIFIDA	POWZ	1 4.87%	2.012	0.0 %	93.12%	100.00%	
11	C01 Z	0.332	0.66%	0.0%	4.70%	2.64%	
11	MEAN	1 101.61	1 100.39	1 0.0	103.72	103.55	
11	° S.D.	1 7.76	1 2.76	1 0.0	7.15	7.15	
11	MTN	1 83.86	1 95.43	1 0.0	1 80.00 1	1 80.00	
	MAX	1 114.72	1 103.92	1 0.0	`119.35	119.35	
	1,1-17	i	i	1	1	1	
	N	j 10	1 9	1 0'	1 322	341	
11	ROWZ	2.93	2.647	(1 0.0 %	94.43%	1 100.00%	
11	COLZ	0.20%	0.857	(1 0.0 %	4.66%	2.58%	
ii	MEAN	1 104.15	1 106.07	0.0	1 103.55	103.63	
	S.D.	4.28	1 6.04	1 0.0	1 7.26	7.17	
ii	MIN	96.98	1 97.75	1 0.0	80.00	80.00	
ii	MAX	1 110.09	119.35	1 0.0	119.35	119.35	
ii		I		1		<u> </u>	

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MEAN KNOWLEDGE TEST SCORES OF 1978 Graduates by reported treatment of Patients with various handicapping conditions

	PATIENT_MANAGEMENT •								
		Ī	TREATM	TREATM		NO			
_	HANDICAP		OFFICE	HOSPITAL	REFERRED	CONTACT	1 TOTAL 11		
		I					_		
	DIABETES "	N	337	21	1	-18-1	377		
		ROW%	89.39%	5.57%	0.27%	4.77%	100.00%		
		COL%	6.60%	1.97%	0.84%	0.26%	2.86%		
11		MEAN	103.49	105.47	97.75	105.04	103.66		
		s.d.l	7.32	5.60	0.0	4.56	7.14		
	-	MIN	80.00	96.21	97.75	98.52	80.00		
11		MAXI	119,35	119.35	97.75	114.72	119.35		
	0	I	.				1 11		
	HEMDPHILIA	N	62	41	10	234	347		
	•	ROWX	17.87%	11.82%	2.88%	67.44%	100.00%		
	.•	COL%	1.21%	3.85%	8.40%	3.39%	2.63%		
11	h	MEAN	102.99	104.15	99.83	103.84	103.61		
	•	S.D.	6.74	5.94	9.16	7.25	7.12		
		MIN	86.95	90.80	80.77	80.00	80.00		
		MAX	119.35	119.35	114.72	119.35	119.35		
						l I			
	CARDIOPULMONARY	* N	307	25	3	36	371		
	DISEASE	ROW%	82.75%	6.74%	0.81%	9.70%	100.00%		
		COL%	6.01%	2.35%	2.52%	0.52%	2.81%		
		MEAN	103.71	104.54	100.84	,103.51	103.72		
		S.D.	7.23	5.12	2.89	7.36	7.10		
П	*	MINI	.80.00	90.80	97.75	87.72	80.00		
		MAX	119.35	113.18	104.69	117.04	119.35		
		•			ŗ		! !!		
	ASTHMA	N	321	21	1	30 [373		
		ROW%	86.06%	5.63%	0.27%	8.04%	1 100.00%		
		COLXI	6.29%	1.97%	0.84%	0.43%	2.83%		
		TIEAN	103.39	104.25	100.84	106.26	103.66		
	-	5.0.1	7.28	5.05	.0.0	6.02	7.11		
		MINI	80.00	96.21	100.84	88.49	80.00 11		
	•	MAXI	119.35	113.18	100.84	117.04	119.35		
							/		
	ATHERUSCLERUSIS,	NI	251			91			
		ROMY I	69.53%	5.20%	0.0 /	25.21/1	1 100.00%11		
	•	COLXI	4.92%	1.787	0.0 %	1.32%	2.73%		
			TU5" 22	100.24		145.24	1 103./1		
		5.0.1	1.11	4.57		1.50			
	•		110 75	97.27 115 FC		00.00	1 00.00 11		
			114.39	112.20	U.U	117.04	1 114.32		
ш		1							

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MEAN KNOWLEDGE TEST SCORES OF 1978 GRADUATES BY REPORTED TREATMENT OF PATIENTS WITH VARIOUS HANDICAPPING CONDITIONS

PATIENT MANAGEMENT							
	TREATH	TREATH		NO I	· I		
HANDICAP	OFFICE	HOSPITAL	REFERRED	CONTACT	TOTAL L		
	<u> </u>						
II EMPHYSEMA	NÍ 212	29	4	121	366		
ROI ROI	12 57.922	7.92%	1.09%	33.06%	100.00%		
CD CD	.2 4.15%	2.72%	3.36%	1.75%	2.77%		
II ME.	NI 102.80	105.47	101.41	104.66 I	103.61		
ii s.). 7.56	5.43	2.46	6.56 I	* _7.13		
11 M	NI 80.00	96.21	97.75	86.95	50.00 I		
ii m.	XI 119.35	119.35	l 104.69	119.35	119.35		
ii	1	1			ļ ļ		
I CYSTIC FIBROSIS	NI 28	10	1	309	I. 348		
. R0	axi 8.05%	2.87%	0.29%	88.79%	100.00%		
ii co	L% 0.55%	0.94%	0.84%	4.47%	2.64%		
II ME	NI 102.54	103.77	100.84	103.73	103.63		
ii s.). 7.55	4.24	0.0	7.18	7.14		
ii m	INI, 80.00	97.75	100.84	80.00	80.00		
ii m	AXI 116.27	110.87	100.84	119.35	119.35		
ii	I	1	1				
ALLERGIC	NI 260	21	3	63 I	367		
I REACTION RO	AXI 70.84%	5.72%	0.82%	22.62%	100.00%		
ii co	L% 5.09%	1.97%	2.52%	1.20%	2.78%		
II ME	ANI 103.71	106.02	91.06	103.52	103.70		
ii s.	D.I 6.97	6.18	4.77	7.46	1 7.14		
ii m	INI 80.00	96.21	86.95	80.00	80.00		
ii m	AXI 119.35	119.35	97.75	118.58	119.35		
ii	I	ľ	I				
II AUTISM	NI 20	16	1	308	345		
II RO	WXI 5.80%	4.64%	0.29%	89.28%	100.00%		
[] CO	L%I 0.39%	1.50%	0.84%	4.46%	2.61%		
II ME	ANI 102.15	103.05	103.15	103.74	103.62		
ii • 5.	D.I 5.93	3.59	0.0	7.35	7.14		
ii M	INI 90.03	96.21	103.15	80.00	80.00		
<u>іі</u> м	AXI 110.09	110.09	103.15	119.35	119.35		
11	1	I.	ļ	!!!	! !		
HYPERACTIVITY	NI 167	23	9	155	354		
II . RO	WX 47.187	(<u> 6.50%</u>	2.54%	43.79%	1 100.00%		
° CO	LXI 3.277	2.16%	7.56%	2.24%	2.68%		
ll Me	ANI 103.13	101.10	101.26	104.68	1~103.63		
ll 5.	D. 7.70	5.52	7.09	6.50	7,13		
II M	INI 80.00	89.26	88.49	87.72	80.00		
II M	AX 119.35	111.64	113.18	119.35	119.35		
<u> </u>	I	<u> </u>	<u> </u>	l			

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MEAN KNOWLEDGE TEST SCORES OF 1978 GRADUATES BY REPORTED TREATMENT OF PATIENTS WITH VARIOUS HANDICAPPING CONDITIONS

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	PATIENT_MANAGEMENT							
		Ī	TREATM	TREATM		NO I	1 1	
_	HANDICAP		OFFICE	HOSPITAL	REFERRED	CONTACT	TOTAL	
T					×	 	1	
	OTHER BEHAVIOR	N	195	26	9	19 11 8 	1 348 l	
	PROBLENS	ROWX	56.03%	7.47%	2.59%	33.91%	100.00%	
П		COLX	3.82%	· 2.44%	7.56%	1.71%	2.64%	
Ì		HEAN	103.67 4	104.87	106.07	103.75 I	103.85	
Ì		s.p.1	7.03	6.00	5.89	7.23	1 . 7.02 1	
1		MIN	· 80.00	92.35	96.98	80.00	80.00	
1		MAX	119.35	119.35	113.95	119.35 I	119.35	
11					1 1		1	
11	LEUKEMIA	N	60	36	'0	254 I	1 350 l	
		ROWX	17.14%	10.29%	0.0%	72.57%	100.00%	
	1 0	COL%	1.18%	3.38%	0.0%	3,67%	2.65%	
		MEAN	104.62	106.58	0.0	10 3.01 	103.65	
		S.D.	6.16。	5.18	0.0	7.55	7.21	
	l" 🖌	MIN	86.95	97.75	0.0	80.00	80.00	
11	•	MAX	117.04	119.35	` 0.0	119.35	119.35	
							1 . 1	
	OTHER BLOOD	ι Νİ	95	36	3	215	349	
	DYSCRASIAS	Row%	27.22%	10.32%	0.86%	61.60%	100.00%	
		COL%	1.86%	3.38%	2.52%	3.11%	2.'64%	
	•	MEAN	102.98	105.34	103.66	103.76	103.71	
		S.D.	7.19	5.88	3.23	7.23	7.09	
	•	MIN	80.77	90.80	99.29	80.00	80.00	
		HAX)	119.35	119.35	107.01	119.35	119.35	
							1 1	
	BRAIN TUMORS .	N	51	22	2	273	348	
		ROWX	14.66%	6.32%	0.57%	78.45%	100.00%	
		COLX	1.00%	2.07%	1.68%	3.95%	•2.64%	
		MEAN	104.66	106.41	104.31	103.22	103.64	
		S.D.	6.64	6.20	7.33	7.25	7.16	
IJ		MIN	86.95	96.21	96.98	80.00	80.00	
IJ		HAX	114.72	119.35	111.64	119.35	119.35	
1							! . !	
	SARCOMAS	И	39	18	5	280	342	
Ï		ROMX	11.40%	5.26%	1.46%	81.87%	100.00%	
!!		COLX	0.76%	1.69%	4.20%	4.05%	2.59%	
Ŀ		MEAN	102.26	105.94	96.98	103.80	1 103.64	
		S.D.	7.17	4.68	11.09	7.12	7.17	
1		MIN	86.95	97.75	80.77	80.00	80.00	
		MAX	117.04	116.27	111.64	119.35	119.35	
Ш		-	17-01-01				<u>i</u> i	

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MEAN KNOWLEDGE TEST SCORES OF 1978 GRADUATES BY REPORTED TREATMENT OF PATIENTS WITH VARIOUS HANDICAPPING CONDITIONS

	· _		PAT	LENT MAHAG	EMENT	ъ
*.	T	TREATM	TREATM		NO II	
HANDICAP	1	OFFICE	HOSPITAL	REFERRED	CONTACT	TOTAL
11						
I SQUAMOUS CELL	- NI	68	42	9	234	353
I CARCINOMA	ROW2	19.26%	11.90%	2.55%	66.29%	100.00%
ii -	CÔL%	1.33%	3.94%	7.56%	3.39%	2.67%
ii	MEAN	103.31	105.70	97.92	103.62	103.66
ii	S.D.	5.96	6.85	9.36	7.26	7.14
ii '	MIN	86.95	90.03	80.77	80.00 11	80.00 11
ii	MAX	117.04	119.35	107.78	119.35	119.35
ii -	İ					
I OTHER NEOPLASM	พโ	131	36	11	170	348
11	ROWZ	37.64%	10.34%	3.16%	48.85%	100.00%
ii	COLX	2.57%	3.38%	9.24%	2.46%	2.64%
ii	MEAN	103.48	105.32	97.47	103.75	103.61
ii	S.D.	7.45	5.55	7.85	7.16	7.25
11 × ~ 34	MIN	83.86	96.21	80.77	80.00	80.00 II
ii 🔻	MAX	117.04	119.35	107.01	119.35	119.35
ii	1			1 1	l I	
		Saenaaaa			2220020000	

CHI-SQUARE= 4283.4180 (NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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Table 15 shows comparable data for the 1976 graduates. Again the mean test-score for those who responded to the follow-up survey, 102.7, was somewhat higher than 100.9, the overall 1976 mean score.

For 26 handicapping conditions, those who reported "hospital treatment" had higher mean test scores than any other treatment group. For 21 conditions, those reporting "office treatment" had higher mean scores than did those reporting "no contact."

Table 16 shows similar data for the 1978 graduates. Again for 27 out of the 37 conditions, those reporting "hospital treatment" had higher mean scores than any other category. For only 10 of the conditions did those reporting "office treatment" have higher mean scores than those reporting "no contact."

Referrals show a mixed picture across the three surveys. The 1974 and 1978 graduates who made referrals tended to have lower mean scores, but the 1976 graduates had higher scores, on the whole.

On the whole, there is little evidence that measured knowledge relates to treatment decisions.

Relationship Between Clinical Experience as Students and Practice Experience after Graduation

Tables 17-1 through 17-37 compares, for the 1976 graduates, student experience in treating each of the handicapping conditions with practice experience atter graduation. These tables provide evidence that "hands on" experience as students is important in determining later practice. Those who as students had treated two or more patients with a particular condition were more likely than those with lesser experience to accept such patients for office treatment. For 20 of the 37 conditions, "office treatment" had a larger entry than any other patient disposition. Of those who had treated one such patient, the same statement could be made for 17 out of the 37 conditions.





STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1976 GRADUATES

MENTAL RETARDATION

			PRAC	TICE EXPE	RIENCE		
	Ī	TREATH	TREATH	I	NO I	NO II	11
STUDENT EXPERIENCE		OFFICE 1	HOSPITAL	REFERRED	CONTACT	RESPONSELL	TOTAL 11
· · · · · · · · · · · · · · · · · · ·	I	1	. 1	I	1	11	_
I SEEN PRESENTA-	NI	71 I	12	6	26 I	7 11	122
TION OF PATIENT	ROMXI	58.20%1	9.84%	4.92%	21.31%	5.74%]	100.00%
Î.	COLXI	18.98%	20.00%	54.55%	21.31%	25.93%	20.54%
11	1	1	1	* I	I	11	11
I HELPED TREATMENT	² — НГ	24 I	10	0	8	0 11	42
OF PATIENT	ROWX	57.14%	23.81%	0.0 %	19.05%	0.0 %11	100.00%
11 .	COL%	6.42%	16.67%	0.0 %	6.56%	0.0 %	7.07%
- H	" I	1	- I		, I	, II	11
L RESPONSIBLE FOR	и и	68 I	9	° 0 1	24	2	103
ONE PATIENT	ROM%	66.02%	8.74%	0.0 %	.23.30%	1.94%	100.00%
Π. ····································	COLXI	18.18%	15.00%	0.0 %	19.67%	7.412	17.34%
11			1	~ 1	∽	11	. 11
RESPONSIBLE FOR	NI	44	6	1 / I	8	4	63
I TWO OR MORE	ROWX	69.84%	9.52%	1.59%	12.70%	6.35%	100.00%
II	COL%	11.76%	10 / 021	9.09%	6.56%	14,81%	10.61%
11	1	<u></u>		I	1	L1	
11 NO RESPONSE	Ы	167 I	23	4	56	14	264 11
11	ROWX	63.26%	8.71%	1.52%	21.21%	5.30%11	100.00%
11	COL%	44.65%	38.33%	36.36%	45.90%	51.85%	44.44%
11	- 1	i I	1	1	1	11	11
888888888888888888888888888888888888888				0000000000		00000000000	0000000000
11	I	 	1	. I		11	ļl
11 TOTAL	. н	374	60 I	11	122	27	594
11 ·	Romy	62.96%	10.10%	1.85%	20.54%	4.55%[]	100.00%
11	COLX	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%[]
11	I		I	1		1	11
					1000000000	000000000000000000000000000000000000000	02000000000

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CHI-SQUARE 25.9154 (NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

25.9154

STUDENT EXPERIENCE WITH HANDIGAPPED PATIENTS Compared With Practice EXPÉRIENCE AFTER GRADUATION

1976 GRADUATES

CEREBRAL PALSY

•			PRAC	TICE EXPE	RIENCE		
	า	TREATH	TREATH	I	NO	NO 11-	,
STUDENT EXPERIENCE		OFFICE	HOSPITAL	REFERRED	CONTACT	RESPONSEL	TOTAL 11
	1	/ I			1	L II.	
SEEN PRESENTA-	Ы	· /52	20	3	105	15	195
TION OF PATIENT	ROWX	26.67%	10.26%	1.54%	53.85%	7.69%	100.00%
· · · · · · · · · · · · · · · · · · ·	COL%	32.70%	35.71%	30.00%	32.41%	33.33%	32.83%
- []	1	1 1	I	1	i	I []	11
HELPED TREATMENT	. NI	/ 10 '	8	0	17	6 IT	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
OF PATIENT	ROWX /	24.39%	19.51%	0.0 %	41.46%	14.63%	100.00%
ji ,	COL%	6.29%	14.29%	0.0 %	5.25%	13.33%	6.90%
	- / I	, 8-	I	1	•	I · II	11
RESPONSIBLE FOR	/ NI	32	, 8	1	-46	211	89 11
ONE PATIENT	ROWXI	35.96%	8.99%	1.12%	51.69%	2.25%	100.00%
11		20.13%	14.29%	10.00%	14.20%	4.44%	14.98%
II	/ 🔍 1	1	. I			L 11	_∳ ∐
RESPONSIBLE FOR /	N	5	3	0	10	2	20 11
I I TWO OR MORE /	ROWX	25.00%	15.00%	0.0%	50.00%	10.00%	100.00%
- H · · /	COLXI	3.14%	5.36%	0.0 %	3.09%	4.44%	3.37%
ri /	I	1	. I				11
NO RESPONSE /	N	60	17	6	146	20	249
- H · /	ROWX	24.10%	6.83%	2.41%	58.63%	8.03%	100.00%
II /	COL%	37.74%	30.36%	60.00%	45.06%	44.44%	41,92%
	I	I				1 11	11

$\Pi_{\rm ell}$, $/$	1	1				1 1	· · · · · · · · ·
II.TOTAL/ "	N	159	56	10	324	45	594
	Romat	n 26.77%	9.43%	1.68%	54.55%	7.58%	100.00%]
11	COL%	100.00%	100.00%	100.00%	A00.00%	100.00%	100.00%
11	1	ĺ				1 11	11

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(NØTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

21.1409

STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1976 GRADUATES

BLINDNESS

					1		
	,		PRACT	ICE EXPE	RIENCE		
\bigcirc	<u> </u>	TREATH 1	TREATH I	1	ND I	но 11	
CTUDENT EXPERTENCE		OFFICE IN	OSPITALIR	EFERRED	CONTACT IF	ESPONSE 1	TOTAL 11
11			I	1	, 1	11	
II OFFN DEFSENTA-	NI	71	11	.0	120 l	12	214
I SEEN PRESENTA	POWZ	33.18%	5.14%	0.0 %	56.07%l	5.61%	100.00%[]
IT THE OF PARTEN	C0121	36.41%	30.56%	0.0 %	36.70%	33.33%	36.03%11
	1	1	1	1	· · · · · · · · · · · · · · · · · · ·	11	11
	ы	5	4	0	10 l	1	20 11
II HELPED IREATHERT		25 0021	20.00%	0.0 %	50.00%l	5.00%	100.00%[]
I OF PATIENT	COLVI	2 5671	11.112	0.0 %	3.06%	2.78%	3.37%11
		2.50/1	1	1	i i	. 11	11
	* !\	1 11	, , , , ,	0 1	16	2	39
RESPONSIBLE FOR			20 6121	0.0 %	41.03%	5.13%	100.00%
ONE PATIENT	ROWXI	22.2241	00.001	0.0 %	4.89%	5.56%11	6.57%
	COLXI	0.0///	66.6641	010 //	1 . 1	11	11
II <u>`</u>		, <u> </u>		0	1. () 1 ()	1	10
RESPONSIBLE FOR	≦ NI.	5	0 1	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	1 60.00%	10.00%[]	100.00%
II TWO OR MORE	ROWZ	50.00%1	0.0 %	0.0 %	1 1 222	2.7821	1.68%[]
11	COLXI	2.56%	0.0 %1	0.0 %	1 1.000		11
11	1 I	1		-	1 1 1 1 1 1	i 20 li	311
I NO RESPONSE	H-l	101	13	-0		1 2011 1 2 4321	
11	rowz I	32.48%	4.18%	0.0%	50.91/	0.4371	E2 36211
Î.	COLXI	51.79%	36.11%	0.0 %	4 54.13%	99.907	1
	1	1	1	,	i .		
202000000000000000000000000000000000000		0000000000	3000000000	20000000			1 11
н. П	1				'		i roć 11
	, нI	195	36	0	1 327	36 1	1 999 I
	ROW%	32.03%	6.06%	0.0 %	1 55.05%	6.06%	
11	COLXI	100.00%	100.00%	0.0 %	1 100.00%	100.00%	1 100.00%
11 6			1	l	1	۱ ۱	1 ' + I
					200 0 (200099	88888888888	2222222222

CHI-SQUARE® 26.4032) (NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

174

STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS Compared With Practice Experience After Graduation

1976 GRADUATES

DEAFNESS

		_	<u> </u>	PRAC	TICE EXPE	RIENCE		-
		I	TREATH	TREATH	1	ND I	ND 11	11
	STUDENT EXPERIENCE	1	OFFICE	HOSPITAL!	REFERRED	CONTACT	RESPONSEL	TOTAL
11		1	1	ļ	I	I	11	17
11	SEEN PRESENTA-	Ы	86 H	· 14 İ	0	87.	, 12	199 11
11	TICN OF PATIENT	ROMX	43.22%	7.04%	0.0 %	43.7221	6.03%11	100.002
н		COLZI	32.33%	41.18%	0.0 %	33.59%	35.29%11	33.50%11
11		/ I		I	1	I	11	· • • • • • • • • • • • • • • • • • • •
11	HELPED TREATMENT	ы	8	2	1 [5	2]	18
- 11	OF PATIENT	ROWXI	44.44%	11.11%	5.56%	27.78%	11,12%	100.00%
- 11	•	COL%	3.01%	5.88%	100.00%	1.93%	5.88%}]	3.03%[]
- 11		1	· ·	I	I	1	- a y - 11	11
11	RESPONSIBLE FOR	N	31	4 1	0	19 1	4 14	56 IJ
́ П	ONE PATIENT	ROMX	53.45%	6.90%]	0.0 %1	32.76%	6.90%]	100.00%
11		COLXI	11.65%	11.76%	·0.0 %	7.34%	11.76%	9.76211
- 11	•	1	· 1	I	- I	1	11	- 16
11	DESDANSTRIE FAD	21	E		0 1	7 1	0 11	
		[11]	Q · 2 ·	1	01	31	V 11	
- II	THO OR MORE	ROWX	62.50%	0.0 %	0.0 %	37.50%	0.0 %	100.00211
	TWO OR MORE	ROMX COLX	62.50% 1.88%	0.0 %	0.0 % 0.0 %	37.50% 1,16%	0.0 % 0.0 %	100.00% 1,35%
	TWO OR MORE	ROMX COLX 	62.50% 1.88%	0.0 % 0.0 % 0.0 %	0.0 % 0.0 % 	37.50% 1,16% /]	0.0 X X 0.0 1	100.0021 1,352
 	THO OR MORE	- Romx - Romx - Colx 	62.50% 1.88%	0.0 % 0.0 % 0.0 % 14	0.0 % 0.0 % 0	37.50% 37.50% 1,16% 1,16%	0.0 % 0.0 % 	100.00211 1,35211 11 311 11
	TWO OR MORE	ROWXI Colxi I Ni Rowxi	62.50% 1.88% 136 43.73%	0.0 % 0.0 % 14 4.50%	0.0 % 0.0 % 0.0 %	37.50% 1,16% -145 -145	0.0 % 0.0 % 16% 5.14%	100.00284 1.35281 1.35281 14 311 14 100.00284
	TWO OR MORE	ROWXI COLXI I ROWXI COLXI	62.50% 1.88% 136 43.73% 51.15%	0.0 % 0.0 % 14 4.50% 41.16%	0.0 % 0.0 % 0.0 % 0.0 %	37.50% 1,16% =145 46.62% 55.98%	0.0 % 0.0 % 	100.00211 1,35211 11 311 11 100.00211 52.36211
	TWO OR MORE	ROWXI COLXI I ROWXI COLXI	62.50% 1.66% 136 43.73% 51.13%	0.0 % 0.0 % 14 4.50% 41.18%	0.0 % 0.0 % 	37.50% 1,16% =145 46.62% 55.98%	0.0 % 0.0 % 16% 5.14% 47.06%	00.0021 100.0021 1,3521 11 311 11 200.0021 52.3621 11
	TWO OR MORE	ROWXI COLXI I ROWXI COLXI	62.50% 1.88% 136 43.73% 51.13%	0.0 % 0.0 % 14 4.50% 41.16%	0.0 % 0.0 % 0.0 % 0.0 % 0.0 %	37.50% 1,16% =145 46.62% 55.98% 	0.0 % 0.0 % 	100.00211 1,35211 1,35211 11 311 11 100.00211 52.36211 11 0000000000
	TWO OR MORE	ROWXI COLXI I ROWXI COLXI I COLXI	62.50% 1.80% 136 43.73% 51.15%	0.0 % 0.0 % 14 4.50% 41.16%	0.0 . 0.0 . 0.0 . 0.0 . 0.0 . 	37.50% 1,16% =145 46.62% 55.98% 0000000000	0.0 % 0.0 % 	D 00.00% 1,35% 1,35% 11 311 100.00% 52.36% 11 CD00BCCCCCC
	THO OR MORE	ROWXI COLXI I NI ROWXI COLXI I 10000000 I N	62.50% 1.80% 136 43.73% 51.13%	0.0 % 0.0 % 14 4.50% 41.16% 1000000000000000000000000000000000000	0.0 % 0.0 % 0.0 % 0.0 % 0.0 % 	37.50% 1,16% =145 46.62% 55.98% ====================================	0.0 % 0.0 % 0.0 % 1669 5.14% 47.06% 1 34	00.00211 1,35211 1,35211 11 311 11 100.00211 52.36211 11 594 11
	THO OR MORE	ROWXI COLXI I NI ROWXI COLXI I COLXI I NI ROWXI	62.502 1.882 136 43.732 51.132 51.132 266 44.782	0.0 % 0.0 % 14 4.50% 41.16% 5.72%	0.0 % 0.0 % 0.0 % 0.0 % 0.0 % 1 1 1 0.17%	37.50% 1,16% =145 46.62% 55.98% 0000000000 259 43.60%	0.0 % 0.0 % 16(g) 5.14% 47.06% 47.06% 1 34 5.72%	00.00211 100.00211 1,35211 11 311 11 100.00211 52.36211 11 594 11 100.00211
	TWO OR MORE	ROW2 COL2 N N ROW2 COL2 COL2 N ROW2 COL2	62.50% 1.88% 136 43.73% 51.13% 51.13% 266 44.78% 100.00%	0.0 % 0.0 % 14 4.50% 41.18% 5000000000000000000000000000000000000	0.0 % 0.0 % 0.0 % 0.0 % 0.0 % 1 1 0.17% 100.00%	37.50% 1,16% 1,16% 46.62% 55.98% 55.98% 259 43.60% 100.00%	0.0 % 0.0 % 16% 5.14% 47.06% 47.06% 34 5.72% 100.00%	D 00.00211 100.00211 1,35211 11 311 11 200.00211 52.36211 11 594 11 100.00211 100.00211
	TWO OR MORE	ROW2 COL2 	62.50% 1.88% 136 43.73% 51.13% 51.13% 266 44.78% 100.00%	0.0 % 0.0 % 14 4.50% 41.18% 50m/06000000 34 5.72% 100.00%	0.0 % 0.0 % 0 0.0 % 0.0 % 0.0 % 1 0.17% 100.00%	37.50% 1,16% 1,16% 46.62% 55.98% 00000000000 100000000000000000000000	0.0 % 0.0 % 16% 5.14% 47.06% 47.06% 1 5.72% 100.00%	D 00.00% 1.35% 1.35% 1.35% 11 311 100.00% 52.36% 11 594 100.00% 100.00% 100.00% 100.00%

CHI-SQUARE#

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS Compared With Practice Experience After Graduation

1976 GRADUATES

EPILEPSY

				PRACT	ICE EXPE	RIENCE	· · · · · · · · · · · · · · · · · · ·	_
	•	1	TREATM	TREATM	··· 1	NO I	NO 11	ļII.
9	STUDENT EXPERIENCE		OFFICE	HOSPITAL	EFERRED	CONTACT	RESPONSE	TOTAL 11
11			I	I	1	· 1	11	11
11	SEEN PRESENTA-	NI	116 I	11	1	17	7	152 ".
11	TION OF PATIENT	ROWX	76.32%	7.24%	0.66%	11.18%	4.61%	100.00%
11		COLXI	26.61%	29.73%	33.33%	18.68%	25.93%	25.59%
11	•	1	i i	· 1	1	l,	11	, H
1	HELPED TREATMENT	N	19	3	0	5 I	, 2 11	29
	OF PATIENT	ROW%	65.52%	10.34%	0.0 %	17.24%	6.90%	100.00%
		COLXI	4.36%	8.11%	0.0 %	5.49%	7.41%	4.88%
11		<u>'</u> 1	• 1	I .	I		11	
- ÎÎ	RESPONSIBLE FOR	N	77	* 5 l	1	` 15	8	106
11	ONE PATIENT	ROW%	72.64%	4.72%	0.94%	14.15%	7.55%	100.00%
11	•	COL%	17.66%	13.51 %	33.33%	16.48%	29.63%	17.85%
. 11		1	1	. I	I		11	1 <u>,</u> 11
* I I	RESPONSIBLE FOR	→ N1	· 24	1 1	0	4	·1	30
- Ĥ	TWO OR MORE	ROM%	80.00%	3.33%	0.0 %	13.33%)	3.33%[]	100.00%
11		COL%1	5.50%	2.70%	0.0 %	4.40%	3.70%	5.05%
		1	I	I		ł	·	11
11	NO RESPONSE	. NI	. 200 I	17	1	50	<u>,</u> 9	₀277
11	·	ROWX	72.20%	6.14%	0.36%	18.05%	3.25%	100.00%
11		COL%	45.87%	45.95%	33.33%	54,95%	33.33%	46.63%
11		<u> </u>	1	1	<u>э</u>		Į I	1 T
==	=======================================				=================		********	
• +1	e.	. I	. ।	<u> </u>		ļ 1	II	II.
	TOTAL	N	436	37	3	° 91	27	594 I L
	•	ROM%	73.40%	6.23%	· 0.51%	15.32%	4.55%	100.00%
11		COL%	100.00%	100.00%	100.00%	100.00%	100.00%11	100.00%
11		· · I		0	.	a .	ι, Π	II
==		========	.======================================	==========	==================			9 6 ==== # ===

10.2437

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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CHI-SQUARE=

STUGENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1976 GRADUATES

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·	<u>.</u>	•	PRACT	ICE EXPER	IENCE		
	1	TREATM	TREATM	1	NO I	NO II	11
STUDENT EXPERIENCE	- 1	OFFICE IN	OSPITAL	EFERRED	CONTACT	ESPONSE	TOTAC 11
	. 1	· I	I	1	· I		· II.
I SEEN PRESENTA-	N	104	12	2	63	43	194
TION OF PATIENT	ROWX	53.61%	6.19%	1.03%	32.47%	6.70%	100.00%
	COL%	34.90%	27.27%	50.00%	29.86%	35.14%	32.66%
II.	1	1	í I	* `	l I	. 11	11
I HELPEO TREATMENT	'NI	18 I	j 3	· o l	9	· 1	اا. 31 ال
JU OF PATIENT	ROM%	58,06%	9.68%	0.0 %	29.03%	3.23%17	100.00%
	COL%	6.04%	6.82%	0.0 %	4.27%	2.70%1'	5.22%
H	I	1	Í †	1	ł	11	~], •
RESPONSIBLE FOR	N	28 ľ	6	C°∣	12	5	, 51
ONE PATIENT	ROM%	54.90%	11.76%	0.0 %	23.53%	9.80%	100.00%
П ,	COLX	9.40%	13.64%	0.0 %	5.69%	13.51%	8.59%
`П — ,	1	12	1	1	1	11	° 11
RESPONSIBLE FOR		5 I	11	0	3	* 0	្រូ 9 ព្រ
TWO OR MORE	ROWX	55.56%	11.117	0.0 %	33.33%	0.0 %11	100.00%
ÎI.	COLXI	1.68%	2.27%	Q.O %	1.42%	0.0 %	1.52%
Ш `	I	I	·	· 1	ţ	, •	* H
I NO RESPONSE	N	_ 143	22 I	, 2	¹ ′ 124 I∕	18	• 3 09
	ROM%	46.28%	7.1.2%	0.65%K	3 40.13%	5.83% 1	100.00%
 	COLXI	47.99%	50.00%	50.00%	58.77%	48.65%	52.02%
	ĥ		. I	• 1	1	11	\sim II
=======================================	┉┉	==========	==================	*********	}====== :	:=========	==========
11	/I	• I	<u> </u>	1	, "	Ц	
II TOTAL	ার্দ 🔪	298	44	<i>4</i>	211	37	594
· []	/RÓW%	/· 50.17%	7.41%	0.67%	35.52%	6.23%	100.00%
11 • •	COL/1	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
11 1		• .	. Г		1	* •	·
22222222222222222222222	==#====	********	==========	===;======		===========	:=========
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CHI-SQUARE= 12.1586

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

-129-

STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1976 GRADUATES

35

PARKINSONISM

			PRAC	TICE_EXPE			
	L	TRE#TM	TREATM		NO I	NO II	II .
STUDENT EXPERIENCE	1	OFFICE	ROSPITAL	REFERRED	CONTACT	RESPONSE	TOTAL 11
		$\langle $	ļ	1		. II.	
SEEN PRESENTA-	- NI	68 I	16	0.	114	18 TK	216
TION OF PATIENT	ROM%	31.48%	7.41%	0.0 %	52.78%	8.33%	100.00%
II	COLXI	40.48%	42.11%	0.0 %	33.43%	39.13%	36.36%
11 · ·	I	· I	I	· • •	1	· 11	41°
HELPED TREATMENT	Ы	7	4	0	11	3	25
OF PATIENT	ROM%	28.00%l	16 .,00% l	0.0 %	44.00%	12.00%	100.00%
<u>ו</u> ן געריין אין אין אין אין אין אין אין אין אין	COLXI	·4.17%	10.53%	0.Ó %	3 ₁ 23%	6.52%	4.21%
II. The second sec	I		ا م	I	I.		, <u> </u>
I RESPONSIBLE FOR	Ы	5	<i>Ģ</i> [¯] 3	0	18	2	28
ONE PATIENT	Rom%	17.86%	10.71%	0.0 %	64.29%	7.14%	100.00%
	COLXI	2.98%	7.8,9%	0.0 %	5.28%	4.35%	4.71%
41	I	, 1	·	· ·	🕭 l	·	_ 11
RESPONSIBLE FOR	Ы	2	0	0	0	1	3
TWO OR MORE	ROM%	66.67%	- 0.0 X	0.0%	0.0 %	33.33%	100.00%
II.	COL%	1.19%	0.0 %	0.0 %	0.0 %	2.17%	0.51%
II.					a	11	
I NO RESPONSE	١٨	86	/ 15	1	198	22	322
11 ,	ROW%	26.71%	4:66Z	0.31%	61.49%	6.83%[]	100.00%[]
11	COLX	51.19%	39.47%	100.00%	58.06%	47.83%	54.21%
	I		l		ا _{ن د} ا	11	. 11
=======================================		.========== ,		===============	=================	=============	
- H	I		l			·	11
II TOTAL	И	168	38		341	46	594
	ROM%	28.28%	6.40%	0.17%	57.41 %	7.74%	100.00%
11	COLX	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%11
ų ,	- 1		I			11	11
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19.0800 CHI-SQUARE=

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN'USED IN THE CHI-SQUARE CALCULATION)

STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1976 GRADUATES

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	•	_	PRACTICE EXPERIENCE							
		1	TREATH	TREATM		NÖ	NÖ 11	11		
	STUDENT EXPERIENCE	. 1	OFFICE	HOSPITAL	REFERRED	CONTACT	RESPONSE	<u></u>		
11	1	1	- 1	1	1		11	11		
11	SEEN PRE	·N1	96	5	0	16	l 8,11	125 IJ		
11	TION OF PATIENT	ROW%	76.80%	4.00%	0.0 %	1 80%	6.40%1	100.00%}		
11		COL%1	20.73%	16.67%	0.0 %	20.25%	36.36%	27.04%]]		
11		1	1	1	1		1 ₃ 11	11		
-11	HELPED TREATMENT	-N1	12	3	0	1	{ 2	18		
11	OF PATIENT	ROM%	66.67%	16.67%	0.0 %	5.56%	11.11%	100.00%]		
- 11	·	COL%	2.59%	10.00%	0.0 %	1.27%	9,09%11	3.03%		
11		· 1	1		I I		1 🔨 H	11		
<u>, 11</u>	RESPONSIBLE FOR	N	 86 	8		7	1 14	102 🚺		
11	ONE PATIENT	ROM%	84.31%	7.84%	0.0%	`6.86%	0.98%	100.00%		
•11		COL%	18.57%	26.67%	0.0 %	8.86%	4.55%	17.17%		
11		1	ŀ	• 1	1		1 11	11		
11	RESPONSIBLE FOR	N1	, 22	1	0]	1	4 11	28 11		
-11	TWO OR MORE	ROMXI	78.57 <u>%</u>	3.57%	0.0%	3.57%	14.29%	100.00%]]		
11	•	COLXI	4.75%	3.33%	0.0 %	1.27%	18.18%	4.71%		
11	-	1	- 1				1 11	J 1		
-11	NO RESPONSE	N]	247	13	01	54	7	321		
QI I	,	ROWX	76.95%	4.05%	0.0 %	16.82%	2.18%	100.00%		
11	•	COL%	53.35%	43.33%	0.0 %	68.35%	31.82%11	54,04%11		
11		1	1		1 1		1 11			
==	==========================			===========	;=====;;	=============		*****		
11	ø	1	l		;'	0 .				
11	TOTAL	NI	463	30		79	22	594 11 3		
11	•	ROWX	77.95%	5.05%	p.0 %	13.30%	3.70%	100.00%		
11	•	COLX	100.00%	100.00%	0.0 %	100.00%	100.00%	100.00%		
<u>[</u>]]	,	1	1	•	1		"	\		
==	,, ,,		==2=====			============		======== \		

CHI-SQUARE= 34.9422

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

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1976 GRADUATES

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POLIOMYELITIS

	PRACTICE EXPERIENCE							
- .	· · · · ·	TREATH	TREATH I		NO I	NO II	11-	
STUDENT EXPERIENCE	1	OFFICE IN	OSPITAL	EFERREDI	CONTACT	RESPONSE 11	TOTAL 1	
		1	I	1	I	11	<u> </u>	
SEEN PRESENTA-	× NI	41 l	7	0	142	17	207 17	
TION OF PATIENT	ROM%	19.81%	3.38%	0.0 ‰l	68.60%l	8.2171	100.00%	
11	COLXI	46.07%	46.67%	0.0 %	32.57%	32.08%11	34.857.	
	1	1	1	. I.	•		11	
II HELPED TREATMENT	ы	°0	2	0 -	ć 7 I	· 0	9	
1 OF PATTENT	ROWX	0.0 %	22.22%	0.0 %	77.78%	0.0 %	100.00%	
H.,	COLXI	0.0 %	13.334	0.0 %	1.61%	0.0 %	1.52%	
H	1	- I	I	ľ	'			
RESPONSIBLE FOR	Ы	3	1	0	14	4 11	22	
I ONE PATIENT	ROM%	13.64%	4.55%	0.0 %	63.64%	18.18%	100.00%[]	
11	COL%	3.37%	6.67%	,0.0 %l	3.21%	7.55%	3.70%	
H ,	, I	I	I	·	1			
RESPONSIBLE FOR	Ы	0 1	0	0	3		3 11	
II TWO OR MORE	ROM%	0.0 %	0.0 %	0.0 %	100.00%	1 0.0 %	100.00%11	
11	COLXI	0.0 %	0.0 %	0.0 %	0.69%	0.0 % 1	0.51%	
H		1					ノ、肥	
II NO RESPONSE	11	45 l	5	* 11	270	1 32 11	353 JY	
H	ROW::1	12.75%	1.42%	0.28%	76.49%	9.07%	100.00%[]	
11	COL/I	50.56%l	33.33%	100.00%	61.93%	60.38%	59.43%	
11	I	1	ė	1		I ~ II	11	
	=======	========		=======	522265283	*******	522222222 	
11	1	· 1	I					
II TOTAL	. NI	89 I	15	1	436	53	594 11	
11	ROM%	14.98%	2.53%	0.17%	73.40%	8.92%	100.00%[]	
↓	כסנצו	100.00%	100.00%	100.00%	100.00%	1.100.00%	100.00%[]	
H	I	ļ	I	1		I II	11	
======================================	==b====	===========	========	=========	============	*********	======= ,	

CHI-SQUARE= 28.4937

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(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1976 GRADUATES

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SPINAL CORD INJURIES

•	PRACTICE EXPERIENCE								
	I	TREATM	TREATM	I,	NO I	NO 11	` • ´ H		
STUDENT EXPERIENCE	1	OFFICE	HOSPITAL	REFERRED	CONTACT	RESPONSELL	TOTAL 11		
' I ŀ	I	· · ·		I	. 1	11	11		
SEEN PRESENTA-	ΨNΙ	33	i 17	0	126	\19	195		
TION OF PATIENT	ROWXI	16.92%	8.72%	0.0 %	64.62%	9.84%	100.00%		
II	COLX	30.84%	42.50%	0.0 %	31.82%	39:58:41	32.83%		
H	ا 🗶	p+	~	1	· · · · ·				
HELPED TREATMENT	N	3	0	0	91	.0.11	12		
OF PATIENT	ROW%	25.00%	0.0 %	0.0 %	75.00%	0.0 %	100.00%		
H [*] •	COLXI	2.80%	0.0 %	0.0 %	2.27%	0.0 %	2.02%		
11 .	I	1	I	1	1	11	· · · · 11		
RESPONSIBLE FOR	N	12	2	0 \	18	2	34		
ONE PATIENT	ROW%	35.29%	5.88%	0.0 %	52.94%	5.88%	100.00%		
	COL%	11.21%	5.00%	0.0 XI	4.55%	4.17%	5.72%		
11 .		I	. I	· I	1	11	Î Î Î		
RESPONSIBLE FOR	NÍ	11	1 I	0	3	• • • • • • • • • • • • • • • • • • •	5		
I THO OR MORE	ROWXI	20.00%	20.00%	0.0 %	60.00%	0.0 %	100.00%		
11	COLX	0.93%	2.50%	0.0 %	0.76%	0.0 %11	0.84%		
FL "	I	I	· · · • •		- I	11	11		
I NO RESPONSE	NI	58	20	3	240	27	348		
11	ROM%	16.67%	5.75%	0.86%	68.97%	7.76%	100.00%		
lt i	COL%	54.21%	50.00%	100.00%	60.61%	56.25%	58.59%		
· 11 · · · ·	- I	ł	I	1	- L		11		
28482822222222222222222	;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	8222222	282828282	525525555 5					
11 · · · · · · · · · · · · · · · · · ·	1	I	I	1	I	a	·		
II TOTAL	Ы	107	40 I	3.	° 396	48	594		
11 .	ROM%	18.01%	6.73%	0.51%	66.67%	8.08%	100.00%		
II	COL%I	100.00%	100.00%	100.00%	100.00%	10.0.00%	100.00%		
11	Ì.	<u> </u>	I	Í		11	. JI		
			222222222				922222222		

CHI-SQUARE= 16.1738 (NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1976 GRADUATES

MULTIPLE SCLERDSIS

				PRAC	TICE EXPE			
		1	TREATH	TREATH	I	т ои	ND II	14
- 9	TUDENT_EXPERIENCE	1	OFFICE	HOSPITAL	REFERREDI	CONTACT	RESPONSEII	TOTAL
11	•	I	1	· 1	1	I	11	11
11 :	SEEN PRESENTA-	N	32 I	12	0	147.	14	205 II
11	TION OF PATIENT	ROM%	15.61%	5.85%	0.0 %	71.71%	6183%	100.00%
	y ·	COLXI	36.36%	35.29%	0.0 %	34.92%	28.00%	34.51%
П		- N I	I	I	- I	· I	11	11
	HELPED TREATMENT	Ы	1	1	Ó	13	1	16
	OF PATIENT	ROM%	6.25%	6.25%	0.0 %]	81.25%	6.25%11	100.00%
П		COL%	1.14%	2.94%	0.0 %	3.09%	2.00%	2.69%
		I	I		l	I	11	11
	RESPONSIBLE FOR	Ы	7	7	0	10	6	30
	ONE PATIENT	ROM%	2 3.33 %	23.33%	0.0 %	33.33%	20.00%	100.00%
11		COL%	7.95%	20.59%	0.°0 %	2.38%	12.00%	5.05%
11		· ı	I	I	1	I	. II	11
$\cdot \Pi$	RESPONSIBLE FOR	N	1	0	0 I	1 1	°1	3
Π	THO OR MORE	ROMX	33.33%	0.0 %	0.0 %	33.33%	33.33%	100.00%
-11	U	COLXI	1.14%	0.0 %	0.0 %	0.24%	2.00%	0.51%
			I	l		. 	11	11
	NO RESPONSE	И	47	14	1	250	28	340
Ш		ROMX	13.82%	4.12%	0.29%	73.53%	8.24%	100.00%
$^{>}$ H $^{>}$	·	C01%	53.41%	41.18%	100.00%	59.38%	56.00%	57.24%
16		1	I) 1			., II
833			22222222			122022222		202202222
ΞĤ.		I	I					11
	TOTAL	Ы	88	34	1	421	50	594. 11
П		ROMX	14.81%	5.72%	0.17%	70.88%	8.42%	100.00%
Ш		COL%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
11		I	I	- <u> </u>			I II	
		1000022		200000000	20000000000	2020202020	200000000000000000000000000000000000000	222222222222

CHI-SQUARE= 36.8605

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)



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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1976 GRADUATES

MUSCULAR DYSTROPHY

	_	•	PRAC	TICE EXPE	RIENCE	•	
4	1	TREATM I	TREATH I	I	NO I	ND	11
STUDENT EXPERIENCE	1	OFFICE	HOSPITAL	REFERRED	CONTACT	RESPONSELL	TOTAL !!
Π.	1	1	+ I	I	1	11	11
SEEN PRESENTA-	N	22	4	1	148 l	20	195 II
TION OF PATIENT	ROWZ	11.28%	2.05%	0.51%	75.90%	10.26%	100.00%
11	COLXI	31.43%	21.05%	33.33%	33.18%	35.71%	32.83%
.11	1	[1	1	· 11	11
HELPED TREATMENT	N	2	3 *	0	19	3 1	27
OF PATIENT	ROMX	7.41%	11.11%	0.0 %	70.37%	11.11%	100.00%
II .	COLXI	2.86%	15.79%	0.0 %	4.26%	5.36%	4.55%11
	· 1	1		1	1	11	11
RESPONSIBLE FOR	Ы	7	1	0	17	4 11	29
I ONE PATIENT	ROMXI	24.14%	3.45%	0.0 %1	58.62%1	13.79%[]	100.00%
11	COL%	10.00%	5.26%	0.0 %	3.81%	7.1421	4.88%11
II /	Ì I	l	l .	1	1	11	11
RESPONSIBLE FOR	Ы	. 2	1	0	0	1	4 11
I TWO OR MORE	ROWXI	50.00%	25.00%	0.0 %	0.0 %1	25.00%11	100.00%
11	COL%	2.86%	5.26%	0.0 %	0.0 %	1.79%	0.67%
II	I	. 1		I I	1	11	11
I NO RESPONSE	N	37	10	2	262	* 28 II	339
H •	RGW%	10.91%	2.95%	0.59%	77.29%	8.26%11	100.00% 4
11	COLX	52.86%	52.63%	66.67%	58.74%	50.00%11	57.07%11
II 💎	I				I	11	11
200200000000000000000000000000000000000							2222222222
11	1	l		1 . .	ъ I	11	II
II TOTAL	Ы	70	19	⊾ <u>3</u>	'446	56	′ 594 ŀ
l ^v f	ROMX	11.78%	3.20%	0.51%	75.08%	9.43%11	100.00211
II .	COLXI	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
П ^с		l		l I	۰ •	11	11
S936566666666666666666666666666666666666						000000000000	222222222

CHI-SQUARE= 28.5600

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1976 GRADUATES

FACIAL TRAUMA FROM ACCIDENTS

			PRAC	TICE EXPE	RIENCE	·	
-	~ <u> </u>	TREATH	TREATH		но І	ND , II	11
GTUDENT EXPERIENCE		OFFICE I	HOSPITAL	REFERRED	CONTACT	RESPONSEII	TOTAL !!
	<u></u> ł		1		I	11	11
II FI CCEN DDEGENTA-	י וא	86	· 17	7	27 -	9	146
I TTOM OF BATTENT	powyl	58 9071	11.64%	4.79%	18.49%	6.16% 1	100.00%
IT TION OF PATIENT	corvi	23 5671	27.4221	41.182	23.28%	26.47%	24.58%
		1.000	1	1		11	11
11	1	1	; ;	. 1	Al	4 ti	67
HELPED TREATMENT	NI	47	1 1	1 40%	11 0621	5.97211	100.00%]]
OF PATIENT	ROWZI	70.15%	10.45%	1.4961	11.7461	11 76711	11.28211
	COLX	12.88%	11.29%	5.88%	6.90/1	11.70711	11.20/11
11		I		`	- 1		50 LL
RESPONSIBLE FOR	N	38 I	4	1	71		11 00
ONE PATIENT	ROWX	76.00%l	8.00%	2.00%	14.00%	0.0 %11	100.00%11
11	COLXI	10.41%	6.45%	5.88%	6.03%	0.0 %11	8.42711
ii ii	1				l I	11	•
I RESPONSIBLE FOR	Ы	. 14	2	1	2	2	21
LI TWO OR MORE	ROWZ	66.67%	9.52%	4.76%	9.52%	9.52%	100.00%
	COLZI	3.84%	3.23%	5.88%	1.72%	5.88%	3.54%
11	1						11
II NO PESDONSE	NI	180	32	7	 72	19	310
	POWY	58.06%	10.32%	2.26%	23.23%	6.13%	100.00%
	COLV	49 322	51.61%	41.18%	62.07%	55.88%	52.19%
	1			1			11
, , , , , , , , , , , , , , , , , , , ,	1		100000000				
				1	1	ı II	11
· []	ا س ہ		l 40	1 17	' 116	I 36 II	594
TOTAL	N	505		I 5 0717	I 10 677	- 5 79711	100.00211
H	ROWX	61.45%	10.44%	2.00%	1 17.334	- 9.76711 100 00711	
11	COLX	100.00%	100.00%	1 100.00%	1 100.00%	1 100.00411	
H	I		I	1	I	I II	
				2222 88 222			19792007988

16.6376 CHI-SQUARE=

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

18.1-136-

STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS Compared With Practice Experience After Graduation

1976 GRADUATES

MULTIPLY-HANDICAPPED

				PRAC	TICE EXPE	RIENCE	۱ ـــــــ	
		1	TREATH	TREATH	ľ	NO I	NO	11
	STUDENT EXPERIENCE		OFFICE	HOSPITAL	REFERRED	CONTACT	RESPONSELL	TOTAL 11
- 11	L L	۲ I	1			1	11	·
- 11	SEEN PRESENTA-	Ы	50	14	0	90 I	10	164
- 11	TION OF PATIENT	ROW%	30.49%	8.54%	0.0 %	54.88%	6.10%	100.00%
- 11	• ¹	COL%I	31.06%	29.17%	0.0 %	27.27%	18.87%	27.61%
- 11	ĩ	. I	I			· · · · · · · · · · · · · · · · · · ·	11	11
y#/11	HELPED TREATMENT	Ы	8	3	0	19	2	32
Í H	OF PATIENT	ROW%	25.00%	9,38%	0.0 %	59.38%	6,25%	100.00%
- 11		COLXI	4.97%	6.25%	0.0 %	5:76%	3.77%	· 5•39%
11		1	I			I	Í – 11	11
11	RESPONSIBLE FOR	N	· 19	7	0	28 I	9	63
11	ONE PATIENT	ROM%	30.16%	11.11%	Ó.O %	44.44%	14.29%	100.00%
- 11		COLXI	11.80%	14.58%	0.0 %	8.48%	16.98%	10.61%
: 11		1	I	I		1	11	· · · · · · · · · · · · · · · · · · ·
- 11	RESPONSIBLE FOR	, NI	10	4°	0	6	2	22
- 11	THO OR MORE	-ROM%	45.45%	18.18%	0.0 %	27.27%	9.09%	100.00%
- 11		COL::(6.21%	8.33%	0.0 %	1.82%	3.77%	3.70%11
, 11		- 1	I	I	, i	1	'	11
<u>'</u> 11	NO RESPONSE	N	74	20	, · 2	187	30	313 J
- 11		ROWX	23.64%	6.39%	0.64%	59.74%	9.58%	100.00%
- 11		COLXI	45.96%	41.67%	100.00%	56.67% l	56.60%	52.69%
- 11		- 1	I		1	0	11	11
80	50000000000000000000000000000000000000		00200020		202020202			
- 11		- 1	Į		1		11	11
- 11	TOTAL	Ы	161	48	2	330 I	53	594
11		ROMX	27 .1 0%	8.08%l	0.34%	55.56%	8.92%	100.00%
11		COLXI	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%H
- 11		1	I	I	1	1	11	II`
								0000000000

CHI-SQUARE=

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

21.1467

185



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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1976 GRADUATES

THE HOME-BOUND PATIENT

· •			PRACI	TCE EXPE	RIENCE		
	ī	TREATM	TREATH I	I	NO I	ND II	11
STUDENT EXPERIENCE		OFFICE +		EFERRED	CONTACTIE	ESPONSEII	TOTAL
<u> </u>		 			I	11	11
II GEEN PRESENTA-	NI	28-1	× 6 1	1	137 I	16	188
IT TION OF PATTENT	ROWZI	14.89%	3.19%	0.53%	72.87%	8.51%	100.00%
	COLZI	32.56%	33.83%	100.00%	31.64%	28.57%	31.65%
11 E	1	1		1	1	11	11
II HELDED TOFATMENT	N	2	11	0	6	0	9
II OS DATTENT	RUMAI	22.22%	11.1121	0.0 %	66.67%	0.0 %	100.00%
	COLZI	2.33%	5.56%	0.0 %	1.39%	0.0 %11	1.52%
11	1	1	1 N 1	· · · I	1	LI II	11
II DESDONSTRIE FOR	NI	1	λI	0	8 I	4	13
I LONE DATIENT	ROWZ	7.69%	0.0 XI	0.0 %	61.54%	30.77%	100.00%
	CDLX	1.16%	0.0 %	0.0 %	1.85%	7.14%	2.19%
11			1	1		11	11
II DESDONSTRIE EOR	IN	0	1	0	5	° 2	8
II TWO OR MORE	ROWXI	0.0 %	12.50%	0.0 %	62.50%	25.00%	100.00%
	COLZ	0.0 %	5.56%	0.0 %	1.15%	3.57%	1.35%
	1	1	1	[11	11
II NO PESPONSE	NI	55 I	10	0	277	34	376
	ROWZI	14.63%	2.66%	0.0 %	73.67%	9.04%	100.00%
11	COLZI	63.95%	55.56%	0.0 %	63.97%	60,71%	63.30%
11	1					11	11
neessesses (20030228)			288828888				*******
11	1	1	I			11	11
	NI	86 I	· 18	1	433	56 II	594 11
	ROWN	14.48%	3.03%	0.17%	72.90%	9.43%	100.00%
	COLXI	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
			1		I I		11
					0202202020		

CHI-SQUARE=

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(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

18.8608

STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS Compared With Practice Experience After Graduation

1976 GRADUATES

J THE NURSING-HOME PATIENT

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	•		PRAC	TICE EXPE	RIENCE		
. •	1	TREATM	TREATM		NO T	NO II	11
STUDENT EXPERIENCE		OFFICE	HOSPITAL	REFERRED	CONTACT	RESPONSELL	TOTAL
	1		I 1	1	1	U)	المر
II SEEN PRESENTA-	NÌ	49	17	0	89	12	167
I TION OF PATIENT	ROW%	29.34%	10.18%	0.0 %	53.29%	7.19%	100.00%
/IT-1	COLX	26.63%	28.33%	0.0 %	29.47%	29.27%	28.11%
Adal a su tra	- 1			I I	I	11	1
HELPED TREATMENT	Ņ	4	6	1	18 1	• • • • • •	29
I OF PATIENT	ROWX	13.79%	20.69%	3.45%	62.07%	0.0 %	100.00%
H	COL%	2.17%	10.00%	14.29%	5.96%	0.0 %	4.88%
11 .	. I		I		·	, i I	- I (
I RESPONSIBLE FOR	Ы	13	3	0	9	4" []	29
I ONE PATIENT	ROMX	44.83%	10.34%	0.0 %	31.03%)	13.79%	100.00%
II .	COLXI	7.07%	5.00%	0.0%	2.98%	9.76%	4.\$8%
II j	I	•	I	I I	ار	11	I
RESPONSIBLE FOR		3	5	I. 0	8	0	16
I I TWO OR MORE	ROMX	18.75%	31.25%	0.0 %	50.00%	0.0 %[]	100.00%
Π.	COL%	1.63%	8.33%	0.0%	2.65%	0.0 %	2.69%
II Č	I		1		I	11	° .
I NO RESPONSE	่งไ	115	29	6	173	25	353
11	ROWX	32.58%	8.22%	1.70%	50.42%	7.08%	100.00%
11 `	COL%	62.50%	48.33%	85.71%	58.94%	60.98%	59.45%
11	I		1	1 1		11	I
8282222882288558855888558885588855888558885588	0000080		200220000				
11	I		1 ((I	l		
II TOTAL	ы	184	60	7	302	41 11	594
11	Rom's	30.98%	1 10.10%	1.18/	50.84%	6.90%	100.00%
11	COFXI	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
11	1		I			11	I

CHI-SQUARE= 30.2037

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS Compared With Fractice experience after graduation

1976 GRADUATES

CLEFT PALATE (AND CLEFT LIP)

			PRAC	TICE EXPE		/	
	- 77 T	TREATM	TREATM	~ I	NO I	NO II	11
STUDENT EXPERIENCE		OFFICE	HOSPITAL	REFERRED	CONTACT	RESPONSEIL	TOTAL !!
		I	1	1	1	11	11
SEEN PRESENTA-	Ы	82 I	16 I	3	95 k	16	212
I TION OF PATIENT .	ROWXI	38.68%	7.55%	1.42%	44.81%	7.55%	100.00%
	COLXI	35.34%	36.36%	37.50%	÷34.93%	42.11%	35.69%
	1	1		I	<u> </u>	11	~ 11
HELPED. TREATMENT	N	17	4	0	الحقر	1	47
OF PATIENT	ROMX	36.17%	8.51%l	0.0 %	53.19%	2.13%	100.00%
11	COLXI	7.33%	9.09%	0.0 %	9.19%	2.63%	7.91%
	1	I	1	I	1	11	11
I RESPONSIBLE FOR	Ы	22 I	2 1	0	15 I	2	41
ONE PATIENT	ROMXI	53.66%	4.88%	0.0 %	36.57%	4.88%	100.00%
Î	COLXI	9.48%	4.55%	0.0 %	5.51%	5.26%11	6.90%
Π ····································	I	1	I	I	1	11	11
RESPONSIBLE FOR	Ы	3	3	1	2 1	0 .	9
I TWO OR MORE	ROMXI	33.33%	33.33%	11.11%	22.22%	0.0 %	100.00%
П	COLXI	1.29%	6.82%	12.50%	0.74%	0.0 %	1.52%
II II	1	1	I	. ĭ	I	11	11
I NO RESPONSE	Ы	108 I	19	4	135 1	19	` 285
	ROWX	37.89%	6.67%	1.40%	47.37%	6.67%	100.00%
Т. П. стана с	COLXI	46.55%	43.18%	50.00%	49.634	50.00%	47.98%
II	1	· 1	-	I	I	11	- H
						0000000000	
	· ·	- I	I	I	1	11	υ ΙΙ
II TOTAL	N	232 I	44	8	272	38 11	594
Ì	ROWXI	39.06%	7.41%	1.35%	45.79%	6.40%11	100.00%[]
11	COL%	100.'00%	100.00%	100.00%	100.00%	100.00%	100.00%
11		I		I	I	11	11
2222222222222222222222	1000000					0200000000	esedecosee

CHI-SQUARE= 24.0508

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1976 GRADUATES

THER CRANIOFACIAL ANOMALIES

		FRA	TICE_EXPE	RTENCE		
	I TREATM	TREATH		NO I	NÐ II	11
STUDENT EXPERIENCE	OFFICE .	HOSPITAL	REFERRED	CONTACT	RESPONSELL	TOTAL 11
	L	l ,	i I	I	L II	11
II SEEN PRESENTA-	32.	1 16	I 2 I	130	22	202 II
II TICH OF PATIENT ROW	15.84%	1 7. 92%	0.99%	64.36%	10.89%	100.00200
ll COL	39.02%	48.48%	40.00%	~31.2 57	37.93%[[34.01%[[
° II →	1	1	ا ^د ا	•	I II	11
"11 HELPED TREATMENT	1 3	4) 0	10	1	18
I OF PATIENT ROW	16.67%	1 22.22%	0.0 %	55.567	5.96211	100.00%
COL:	3.66%	12.12%	0.0 %	2.40%	1.727	3.03%
11	I	I	I (ا م	11	11
RESPONSIBLE FOR	1 4	1	0	11	3 1	19 11
I ONE PATIENT ROW	21.05%	5.26%	0.0 %	, 57.09%	15.79%	100.00%11
II COL	4.88%	3.03%	0.0 %	2.64%	5.17% <i>j</i>	3.20211
ᠠ-	I	1 1	ا <u>ا</u> ا		i i ii	11
RESPONSIBLE FOR . N	1 2	I 0	0	3	1	6]
II TWO OR MORE ROW	: 33.33%	0.0%	0.0 %	50.00%	16.67%	100.00211
ll cors	2.44%	0.0%	I 0.0 %	0.72%	1.72211	1.01%
- II	1	I	I (11.
I ND RESPONSE	41 41	12	3	• 262	31	349
RCM	: 11.75%	3.44%	I 0.86%	75.07%	0.00%	100,00%
[] COL:	1 50.00%	36.36%	60.00%	62.98%	` 53.45%	50.75%11
11	1	I	I (]	, 11
000000000000000000000000000000000000000	1202000000	9888888998	00000000000			0000000000
11 ,	, I	I	I 1		41 .	· • • • • •
TOTAL	II 02	33	I 5		/ 58	594 11
II Rom	13.60%	5.56%	0.84%	70.037	19.767. [100.00%
11 , COL:	100.00%	100.00%	100.00%	100.00%	100.00211	100.00%[]
11	1	I	I . I		I → I}	11
acacacacacacacacacacaca		000000000	0000000000	200000000000000000000000000000000000000	000000000000000000000000000000000000000	00000000000000000

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CHI-SQUARED 24.1093

(NOTE > EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE DEEN USED IN THE CHI-SQUARE CALCULATION)

-141/-

STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1976 GRADUATES

SPINA BIFIDA

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x			PRAC	TICE EXPE	RIENCE		
Ly.	1	TREATH I	TREATM	I ' I	NO	NO II	i, i I
STUDENT EXPERIENCE	t	OFFICE	HOSPITAL	REFERRED	CONTACT	RESPONSE	TOTAL
· ·	I	· · · · · · · · · · · · · · · · · · ·	•			11.	1
SEEN PRESENTA-	N	10	5	0	164	16	195
TION OF PATIENT	ROWZ	5.13%	2.56%	0.0 %	84.10%	🚣 8.21%	100.00%
1	COL%	26.32%	38.46%	0.0%	33.47%	50.19% 	32.83%ł
1 2 1	I	·			1	I TI	1
HELPED TREATMENT	N	0	1	0	5	0·	6
OF PATIENT	ROW%	0.0 ŻI	16.67%	0.0%	83.33%	0.0 %	100.00%
1	COL%	0.0 %	7.69%	0.0%	1.02%	0.0%	1.01%
1	I					I II	1
RESPONSIBLE FOR	N	5	1	0	7	3	16
ONE PATIENT	ROW%	31.25%	6.25%	0.0%	43.75%	18.75%	100.00%
1	COL%	13.16%	7.69%	0.0%	1.43%	5.66%	2.69%
1	I	I		l ¹ I		I . II	I
RESPONSIBLE FOR	N	0	. 0	I, 0 I	0	0	0
TWO OR MORE	ROW%	0.0 %	0.0 %	0.0%	0.0 %	0.0 %	0.0 %
I	COLXI	0.0 %	0.0 %	″ 0.0 %	0.0 %	0.0 X	0.0 %
1	- 1	I		I I		1 1	I
NO RESPONSE	N	23	6	0	314	34	377
I	ROW%	6.10%	1.59%	0.0%	83.29%	9.02%	100.00%
1	COL%	60.53%	46.15%	0.0 %	64.08%	64.15%	63.47%
I	- 1	I	ş	I I		11 1	· 1
	.======	================================	:=========	===================	===================	***********	22=2=2222
1	I	l					i I
TOTAL	Ы	<u>,</u> 38	13	0	• 490	53	594
I	ROM%	6.40%	2.19%	0.0%	82.49%	8.92%11	100.00%
1	COLXI	100.00%	100.00%	i 0.0 %	100.00%	100.00%	100.00%
· ·	1	. 1	•	I I		l II	

* CHI-SQUARE= 29.4525

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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-142-

STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1976. GRADUATES

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	4		THALIDOMI	DE			
	-10° °C						
	•		,				
			PRA0	CTICE EXPE	RIENCE		<u> </u>
	ابو	TREATM	TREATM	I 1	пр (I ОИ	, í H
STUDENT EXPERIENCE	<u>نے ا</u>	OFFICE	HOSPITAL	REFERRED	CONTACT	RESPONSEL	TOTAL 11
	<u>.</u>		l	l j l	. j	l ÍI	14
I I SEEN PRESENTA-	́н	.7	3	1	17 1	20	202
I TION OF PATIENT	'ROW%	3.47%	1.49%	0.50%	84.65%	9.90%	100.00%
	ୢୣ୕ଡ଼୲୵୲	50.00%	60.00%	50.00%	33.14%	35.09%	34.01%
	પ્ર∉્			I I	l		' H
I HELPED TREATMENT	,́́NI	0	0	0	5	11 0	5 11
OF PATIENT	ROMX	0.0 %	0.0 %	0.0 %	100.00%	0.0 %	100.00%
	· COL%	0.0 %	0,0 %	0.0 %	0.97%	0.0 %	0.84%
	а . I	l		l I	1	11	11
I RESPONSIBLE FOR	<u> </u> N	0	0	0	11	0 1	1
II ONE PATIENT	ROWN	0.0 %	0.0 %	0.0 %	100.00%	0.9 XII	100.00%41
11	COL%	0.0 %	0.0 %	0.0 %	0.19%	0.0 %11	0.17%
II , ·	P 1	I			1		11
I RESPONSIBLE FOR	⁶ , NI	0	0	φl	1	0 11	1 11
II TWO OR MORE	RONZ	0.0 %	0.0 %	0.0 %	.100.00%	0.0 %11	100.00%][
11	COLZ	0.0 %	0.0 %	0.0 %	0.19%	0.0 %11	0.17%
11	1.1	I		ĺ	1	11	Ŭ.
II NO RESPONSE	N N	7	2	1	338	37	385
11	ROW%	1.82%	0.52%	0.26%	87.79%	9.61%	100.00%
II · · ·	· COL%	50.00%	40.00%	50.00%	65.50%	64.91%	64.81711
II	(¹ 1	1	· · · · · ·	Í	1	11	11
=======================================	=======	=======	=5======	=======	=======	=======	122222222
− H state stat	I	I	1	1	1	11	11
TOTAL	N	14	5	2	51,6 I	57	594 11
11	ROW%	2.36%	0.84%	0.34%	86.87%	9.60%11	100.00211
II	COL%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
11 - E - E - E - E - E - E - E - E - E -	I	1	1		l,		11
	*******		=======	===========			

CHI-SQUARE=

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

4.4434

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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1976 GRADUATES

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× •			PRACI	TICE EXPE		``	
,		TREATH I	TREATM		NO I	NO II	.11
STUDENT EXPERIENCE	i	OFFICE I	HOSPITALIF	REFERRED	CONTACTIO	ESPONSELL	TOTAL 11
 1	1		I	1	- 1	11	· _ 11
IL SEEN PRESENTA-	N	· 89	6	0-1	41	6 11	105
I TION OF PATIENT	ROWZ	84.76%	5.71%	0.0 %	3.81%	5.71%	100.00%
11	COL%	17.28%	18.75%	0.0 %	16.00%	28.57%	17.68%
ii	1	. 1	°	1	ľ	11,	11
II HELPED TREATMENT	NĮ	21 J	0	0	1	0	22
I OF PATIENT	ROW%	95.45%	0.0 %	0.0 %	4.55%	0.0 %11	100.00%
N 1	COL%	4.08%	0.0 %	0.0 %	4.00%	0.0 %11	3.70%11
		l	1	· 1	1	11	11
RESPONSIBLE FOR	N	114	8	ار ٥	5 l	4 11	131
I ONE PATIENT	ROWX	87.02%	6.11%	0.0 %	3.82%	3.05%	100.00%[]
11	⁽ COL%	22.14%	25.00%	0.0 %	20.00%	19.05%	22.05%11
	1	. 1	1	· · · · · ·	1	, II	, II
1 RESPONSIBLE FOR	Ы	48 I	4	0	• 0 l	1	53
I TWO OR MORE	ROW%	90.57%	7.55%	0.0 %	0.0 %	1.89%	100.00%
II I	COL%	9.32%	12.50%	0.0 %	0.0 %	4,76%11	8.92%11
	1	; I	• • 	1		11	
I NO RESPONSE	N	243	14	1	15	10	283 11
11	ROW%	85.87%	4.95%	0.35%	.5.30%	3.53%11	100.00%[]
11	, COLX	47.18%	43.75%	100.00%	60.00%	47.62%11	47.64%11
11 '	~	1		·	l I	11	11
252222222222222222222222222222222222222	=======	:22222222		.20202222			11
11 '			ļ i			11	
TOTAL	N	515	32	1	1 25	21	594 11
11 (ROM%	86.70%	5.39%	0.17%	4.21%	3.54%	100.00/11
11	COL%	100.00%	100.00%	100.00%	100.00% .œ	100.00%11	100.00/11
11		1	I	I	1- 1	[]	
				222222222	2228888888		

CHI-SQUARE=

9.1541 (NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

192 -144-

STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1976 GRADUATES

HEMOPHILIA

I TREATM I TREATM I NO NO I I STUDENT EXPERIENCE I OFFICE IMOSPITALIREFERREDI CONTACTIRESPONSEI TOTAL II II I I III IIII II IIIIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII				PRAC	TICE EXPE	RIENCE		<u> </u>
STUDENT EXPERIENCE OFFICE INOSPITAL REFEREED CONTACT RESPONSE I TOTAL II II I I I II II II SEEN PRESENTA- NI 33 23 I33 23 23 23 21 II TION OF PATIENT ROW2 14.932! 10.412! 4.072! 60.182! 10.412! 100.002! II COLX 35.112! 42.592! 37.502! 35.562! 47.922! 37.212! II I I I II II III III III III IIII IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		1	TREATH	TREĂTM		NO I	NO II	11
II I I II II II II II II II IIII IIII IIII IIII	STUDENT EXPERIENCE	1	OFFICE	HOSPITAL	REFERRED	CONTACT	RESPONSELL	TOTAL 11
II SEEN PRESENTA- NI 33 23 1 133 23 1 221 1 II TION OF PATIENT ROW2 14.932 10.412 4.072 60.182 10.412							11	11
II TION OF PATIENT ROWZI 14.93X! 10.41X! 60.18X! 10.41X! 100.00X! II COLXI 35.11X! 42.59X! 37.50X! 35.56X! 47.92X! 37.21X!! II I I I II II III III IIIIII 37.50X! 35.56X! 47.92X!! 37.21X!! IIIIIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	SEEN PRESENTA-	N	33	23	المر ا	133	23 11	221 11
II COLXI 35.11XI 42.59XI 37.50XI 35.56XI 47.92XII 37.21XII II I I I I II II II II II I I II II II III III III IIIIIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	TION OF PATIENT	ROW% I	14.93%	10.41%	4.07%	60.18%	10.41%	100.00%
II II II II II II II II II II II II II II II II II II III III III III III III III III IIII IIII IIIIIIIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	- Ĥ	COLXI	35.11%	42.59%	37.50%	35.56%	47.92%11	37.21%
HELPED TREATMENT N 5 3 1 17 1 27 OF PATIENT ROWX 18.52% 11.11% 3.70% 62.96% 3.70% 100.00% COLX 5.32% 556% 4.17% 4.55% 2.06% 4.55% 1 10.002/1 1 100.002/1 1 100.002/1 1 100.002/1 1 100.002/1 1 100.002/1 1 100.002/1 1 100.002/1 1 100.002/1 1 100.002/1 100.002/1 100.002/1 100.002/1 100.002/1	II.	1	· · I		v/ I	í I	11	11
I OF PATIENT ROWZI 18.52ZI 11.11ZI 3.70ZI 62.96ZI 3.70ZII 100.00ZII II COLZI 5.32ZI 5.56ZI 4.17ZI 4.55ZI 2.00ZII 4.55ZII II I I I I III III IIIII IIIIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	HELPED TREATMENT	Nİ	5	3/	1 1	17	14	27 11
II COLXI 5.32XI 5456XI 4.17XI 4.55XI 2.00XII 4.55XII II I I I I I I II II II RESPONSIBLE FOR NI 3 3 0 1 II II II II ROWXI 18.75XI 18.75XI 0.0 XI 62.50XI 0.0 XII 100.00XII II COLXI 3.19XI 5.56XI 0.0 XI 2.67XI 0.0 XII 100.00XII II COLXI 3.19XI 5.56XI 0.0 XI 2.67XI 0.0 XII 2.69XII III II III III IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	I OF PATIENT	ROWX	18.52%	11.112	3.70%	62.96%	3.70%	100.00%
II I I I I III IIII IIII IIII IIII	11	COLZ	5.32%	∣ 5£56%	4.17%	4.55%	2.08%11	4.55%
RESPONSIBLE FOR N1 3 3 0 1	11			۱ <u> </u>	i · · · ·	1	11	11
CNE PATIENT ROWX! 18.75%! 18.75%! 0.0%! 62.50%! 0.0%! 100.00%!! COLX! 3.19%! 5.56%! 0.0%! 2.67%! 0.0%!! 2.69%!! 11 11 11 11 RESPONSIBLE FOR NI 0 1 0 2 0%!! 3 11 TWO OR MORE ROWZ! 0.0%! 33.33%! 0.0%! 66.67%! 0.0%!! 100.00%!! . . 11 11 11 11 11 100.00%!! 100.00%!! 100.00%!! 100.00%!! 100.00%!! 100.00%!! 100.00%!! 100.00%!! 100.00%!! 100.00%!! 100.00%!! 100.00%!! 100.00%!! 11	RESPONSIBLE FOR	И	3	j <u>3</u>	1 0	[•] 10	0 11	76
II COLXI 3.19XI 5.56XI 0.0 XI 2.67XI 0.0 XII 2.69XII II I I I I I II II II II RESPONSIBLE FOR NI 0 I 0 2 0 II II II TWO OR MORE ROWXI 0.0 XI 33.33XI 0.0 XI 66.67XI 0.0 XII 100.00XII II COLXI 0.0 XI 1.85XI 0.0 XI 0.53XI 0.0 XII 0.51XII III COLXI 0.0 XI 1.85XI 0.0 XI 0.53XI 0.0 XII 0.51XII III COLXI 0.0 XII 1.85XI 0.0 XII 0.53XI 0.0 XII 0.51XII III III III III III III III III III III III ROWXI 16.21XI 7.34XI 4.26XI 64.83XI 7.34XII 100.00XII III COLXI 56.38XI 44.44XI 58.33XI 56.66XI 50.00XII 55.05XIII III I	I ONE PATIENT	ROW2	18.75%	18.75%	0.0%	62.50%	0.0 %	100.00%
II I I I II II II II II II II II II II II II IIII III III III III III III III III III III III III III III III III IIII IIII IIII IIII IIII IIII IIII IIII IIII IIII IIII IIII IIII IIII IIIIIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	11	COL%	3.19%	5.56%	0.0%	2.67%	0.0 %	2.69%
RESPONSIBLE FOR N 0 1 0 2 0 3 TWO OR MORE ROWZ 0.0 % 33.33% 0.0 % 66.67% 0.0 % 100.00% COL% 0.0 % 1.85% 0.0 % 0.53% 0.0 % 0.51% ' 1 ' 1 '	11	1		1	I	i 1		11
I THO OR HORE ROWZI 0.0 ZI 33.33ZI 0.0 ZI 66.67ZI 0.0 ZII 100.00ZII II COLZI 0.0 ZI 1.85ZI 0.0 ZI 0.53ZI 0.0 ZII 100.00ZII II COLZI 0.0 ZI 1.85ZI 0.0 ZI 0.53ZI 0.0 ZII 0.51ZII II I I I I II III III III II I I I I III III III III II ROWZI 16.21ZI 7.34ZI 4.28ZI 64.83ZI 7.34ZII 100.00ZIII II COLZI 56.38ZI 44.44ZI 58.33ZI 56.68ZI 50.00ZII 55.05ZIII II COLZI 56.38ZI 44.44ZI 58.33ZI 56.68ZI 50.00ZII 55.05ZIII II II I I I III III III III II II III IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	RESPONSIBLE FOR	Ы	. 0	1	0	2	011	3
II COLXI 0.0 XI 1.85XI 0.0 XI 0.53XI 0.0 XII 0.51XIII II I I I I I I II II II NO RESPONSE NI 53 24 14 212 24 II 327 II II ROWZI 16.21XI 7.34XI 4.28XI 64.83XI 7.34XII 100.00XII II COLXI 56.38XI 44.44XI 58.33XI 56.68XI 50.00XII 55.05XII III COLXI 56.38XI 44.44XI 58.33XI 56.68XI 50.00XII 55.05XII III I I I I II III III III III III III III III IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	I TWO OR MORE	ROMX	0.0%	33.33%	0.0%	66.67%	0.0 %	100.00%
II I I III IIII IIII IIII IIII IIII IIII IIII IIII IIII IIII IIII IIIIIIIIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	II	· COL%	0.0%	1.85%	0.0%	0.53%	0.0 %	0.51%
II NO RESPONSE NI 53 24 14 212 24 1327 11 II ROWX 16.21X 7.34X 4.28X 64.83X 7.34X1 100.00X1 II COLX 56.38X 44.44X 58.33X 56.68X 50.00X1 55.05X1 II I I I I I II III III II I I I I III III III III III I I I III III IIII IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		I		I	I			11
R0WZ 16.21% 7.34% 4.28% 64.83% 7.34% 100.00% COL% 56.38% 44.44% 58.33% 56.66% 50.00% 55.05%	I I' NO RESPONSE	NI	53	· 24	14	212	24	327 11
COLX 56.38X 44.44X 58.33X 56.68X 50.00X 55.05X <td< td=""><td>11</td><td>ROW%</td><td>16.21%</td><td> 7.34%</td><td>4.28%</td><td>64.83%</td><td>7.34%</td><td>100.00%[]</td></td<>	11	ROW%	16.21%	7.34%	4.28%	64.83%	7.34%	100.00%[]
II I I I III IIII III III III III III III III IIII IIII IIII IIII IIII IIII IIII IIIIIIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	11	COLXI	56.38%	44.44%	58.33%	56.68%	50.00%	55.05%
I I I I I III IIII IIII IIII IIII IIII IIII IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	11	1		1	1	I	1	11
II II II II II II II II II II II IIII IIII IIII IIII IIII IIII IIII IIII IIII IIII IIII IIII IIII IIII IIIIIIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	200220222552222222					8088888888		2222222222
TOTAL Ni 94 54 24 374 48 594 ROW2 15.822 9.092 4.042 62.962 8.0821 100.002 COL2 100.002 100.002 100.002 100.002 100.002 100.002 100.002		I		1	1	1		•
II ROWX 15.82X 9.09X 4.04X 62.96X 8.08X 100.00X I	TOTAL	— > ні	94	54	24	i 374	48	594 H
Image: Colxi 100.00xi 100		ROWX	15.82%	9.09%	4.04%	62.96%	8.08%11	100.0020
		COLX	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
c#scccssssssssssssssssssssssssssssssss	11 •	I		Ι.,	I	1		11
	c#2020202000000000000000000000000000000					220224,222		

CHI-SQUARE: 11.2150

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

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1976 GRADUATES

ø CARDIOPULMONARY DISEASE

7			PRAC	TICE EXPE	RIENCE		
	<u> </u>	TREATM	TREATH I	1	NO I	NO 11	I.
STUDENT EXPERIENCE	1	OFFICE	HOSPITAL	REFERRED	CONTACTIF	RESPONSE	TOTAL !!
	<u> </u>		I		1	11	11
I SEEN PRESENTA-	ы	75	10	í 1	19	4 11	109
I TION OF PATIENT	ROWZ	68.81%	9.17%	0.92%	17.43%	3.67%	100.00%
11	COLZI	16.41%	27.03%	100.00%	26.03%i	15.38%	18.35211
11	1	1	1	. 1	1	11	- 11
II HELPED TREATMENT	พโ	25 I	3	· · 0	2	2	32 11
I OF PATIENT	ROWZ	78.13%	9.38%	0.0 %	6.25%	6.25%	100.00%
	COLX	5.47%	8.11%	0.0 %	2.747	7.69%11	5.39%
11 1	1	1	1	4 4	· · I	11	11
II DESPONSTBLE FOR	או	77	5	0	្រឹ	6 11	96 11
II ONE PATTENT	ROWZ	80.21%	5.21%	0.0%	8.33%	6.25%11	100.00%
	COLZ	16.85%	13.51%	0.0%	10.96%	23.08%11	16.16%
11 -	1	- · ·		I		11	11
II DESPONSTRUE FOR	!И	47	.4	j 0 .	1	1	53
I TWO OR MORE	ROWX	88.68%	7.55%	0.0%	1.89%	1.89%	100.00%
	COLZ	10.28%	10.81%	0.0%	1.37%	3.85%	8.9251
11	1			l		11	Ĩ.
II NO PESDONSE	או	233	15	0	43	13	304 11
II NU RESPONSE	POWZI	76.64%	4.93%	0.0%	14.14%	4.28%	100.00%
11	COLZ	50,98%	 40.54%	0.0%	58.90%	50.00%	51.18%
	1				1	11	<u>` 11</u>
					********		**********
11	· 1		I	I	1 1	11	· · · · • • • • • • • • • • • • • • • •
IF II TOTAL	มไ	457	I 37	1	73	26	594 11
11 10145	ROWN	76.94%	6.23%	0.17%	12.29%	4.38%11	100.00%
	COLZ	100.00%	100.00%	100.00%	100.00%	100.0021	100.00%
			ľ		I •		11
	, 2222005		200000088				2022222222

21-5754 CHI-SQUARE=

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1976 GRADUATES

ASTHMA

	PRAC	TICE EXPERIENCE	
I	TREATH TREATH	I NO I	NO 11 11
STUDENT EXPERIENCE	OFFICE HOSPITAL	REFERRED CONTACT	RESPONSEI TOTAL
- 11 1	I I		
II SEEN PRESENTA- NI	84 6	0 10	6 106
II TION OF PATIENT ROWN	79.25% 5.66%	0.0 % 9.43%	5.66% 100.00%
	17.91% 18.75%	0.0 % 14.29%	26.09% 17.85%
- II · · · · I	I I	1 1	11 11
II HELPED TREATMENT NI	19 3	0 3	2 27
I OF PATIENT ROWN	70.37% 11.11%	0.0 % 11.11%	7.41% 100.00%
	4.05% 9.38%	0.0 % 4.29%	8.70211 4.55211
- 11	I _ I	I I	11 11
I RESPONSIBLE FOR N	99 6	0. 7	2 114
I ONE PATIENT ROWX	86.84% 5.26%	0.0 X 6.14X	1.75% 100.00%
	21.11% 18.75%	0.0 % 10.00%	8.70% 19.19%
- 11	Т. , Т	· I I	11 11
I RESPONSIBLE FOR NI	30 2	0 2 	1 35
IT THO OR MORE ROWN	85.71% 5.71%	0.0 % 5.71%	2.86% 100.00%
	6.40% 6.25%	0.0 % 2.86%	4.35% 5.89%
- 11	1 1	1. 1	Ú II
IL NO RESPONSE NI	237 15	0 48	12 312
II ROWXI	75.96% 4.81%	0.0 % 15.38%	3.85% 100.00%
	50.53% 46.88%	0.0 % 68.57%	52.17% 52.53%
11 1	1 1		11 11
ا ۱	I I		11 11
LEIT TOTAL NI	469 32	0 I 70 I	23 11 594 11
ROW21	78.96% 5.39%	0.0 % 11.78%	3.87% 100.00%
	100.00% 100.00%	0.0 ZI 100.00ZI	100.00211 100.00211
-11	I I	I I	II II
222222222222222222222222222222222222222		002000000000000000000000000000000000000	202222222222222222222222222222222222222

CHI-SQUARE= 14.8452

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)



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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1976 GRADUATES

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;			PRAC	TICE EXPE	RIENCE		<u> </u>
	1	TREATH	TREATH I	1	NO I	NO 11	11
STUDENT EXPERIENCE		OFFICE IN	OSPITAL	REFERRED	CONTACTIO	RESPONSELL	TOTAL 11
11	1	1	1		1	11	11
11 SEEN PRESENTA-	Ы	67 1	8	0	53	17	145
11 TION OF PATIENT	ROWNI	46.2121	5.52%	0.0 %	36.55%	11.72%	100.00%
11	CDLZI	21,54%	26.67%	0.0 %	26.37%	32.69%[]	24.41%
11	1	- { I	1			11	11
IT HELPED TREATMENT	NI	11	0	0	6	1 11	20 11
11 OF PATIENT	ROHZ	55.00%	0.0 %	0.0 %	40.00%1	5.00%11	100.00%
11	COL%	3.54%1	0.0 %	0.0 %	3.98%	1.92211	3.37%11
11	1	ľ	•				11
11 RESPONSIBLE FOR	N	38 I	6		15	6 11	65
11 ONE PATIENT	ROWXI	58.46%]	9.23%	0.0 %	23.08%	9.23211	100.00%[]
11	COLXI	12.2221	20.00%	0.0 %	7.46%	11.54%[]	10.94%
	1	1		1		11	11
11 RESPONSTBLE FOR	. NI	15	2	1 0	21	1	20 II
11 TWO OR MORE	RONXI	75.00%	10.00%	0.0 %	10.00%	5.00%11	100.00%
11	COLZI	4.82%	6.67%	0.0%	1.00%	1.92%11	3.37%11
11 .	1	. 1	i	1		11	11
11 NO RESPONSE	N	180	14	1 0	123	27 11	344 11
11	ROWXI	52.33%	4.07%	1 0.0 %	35.76%	7.85%[]	100.00%
11	COL%	57.88%]	46.67%	1 0.0 %	61.19%	51.92%	57.91%
14	1	1		1	I I		11
			3000000		00000000000		
11	1	1		1	1 1	11	11
	พ	311	30	1 0	201	52 11	594 11
11	ROWAL	52.3621	5.05%	1 0.0 %	1 33.84%	8.75%	100.00%[]
11	COLSI	100.00%1	100.00%	1 0.0 %	100.00%	100.00%	100.00%11
11	1			1	1 1	11	11

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(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS Compared with Practice experience after graduation

1976 GRADUATES

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	_		PRAC	TICE EXPE	RIENCE		
	1	TREATH I	TREATH I	1	NO I	NO 11	11
STUDENT EXPERIENCE		OFFICE	HOSPITAL	REFERRED	CONTACT	RESPONSELL	TOTAL 11
11	1	١	1	1	1	11	11
11 SEEN PRESENTA-	NI	87	14 I	0 1	62	14 11	177
11 TION OF PATIENT	ROMXI	49.15%	7.91%	0.0 %1	35.03%	7.91%	100.00%
11	COLXI	27.80%1	35.90%	0.0 %1	30.54%	35.90%11	29.80%11
11	1	1	1 I		1	11	11
II HELPED TREATMENT	Ы	10	3	0	5	2 11	20 11
11 OF PATIENT	ROHZ	50.00%	15.00%	0.0 %1	25.00%	10.00%	100.00211
11	COL%I	3.19%	7.69%	0.0 %	2.46%	5.13%[]	3.37%11
11	1	1	1	٩	1	11	.11
I RESPONSIBLE FOR	ы	30	2	0 1	8	2 11	42 11
11 ONE PATIENT	RONXI	71.43%	4.76%	0,0 %	19.05%	4.76%11	100.00%
11	COLXI	9.58%	5.13%	0.0 %	3.94%	5.13%	7.07%11
11	1	1	1	•	. 1	11	11
II RESPONSIBLE FOR	ы	- 5	1	∘0 I	2	1	9 11
II THO OR MORE	ROHZI	55.56%	11.112	0.0 %	22.22%1	11.11XJ	100.00%
11	COLXI	1.60%	2.56%	0.0 %	0.99%	2.56%11	1.52%[]
11	1	l.	. 1		1	11	11
11 NO RESPONSE	ы	181 I	19	0 1	126 I	20 11	346 11
\$ 1	ROMX	52.31%	5.49%	0.0 %	36.42%	5.78%	100.00%11
h .	COLXI	57.83%	48.72%	0.0 %	62.07%	51.28%	58.25211
11	1	1	1	ļ 1	1	11	11
000000000000000000000000000000000000000		2000000000			000000000	accessess	00000000000
11	1	1	1		1	11	11
11 TOTAL	ы	313	39	0 1	203 I	39	594-11
11 '	ROWXI	52.69%	6.57%	0.0 21	34.18%	6.57%11	100.00%
11	COLZI	100.00%	100.00%	0.0 ZI	100.00%	100.00%	100.00%
11	1	1	1		a 1	11	11
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(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS Compared With Practice Experience After Graduation

1976 GRADUATES

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			PRAC	TICE EXPE	RIENCE		
	Ī	TREATH	TREATH	1	NO I	NO	
STUDENT EXPERIENCE	1	OFFICE	HOSPITAL	REFERRED	CONTACT	RESPONSELL	TOTAL 11
		I	I	1	I	11	11
I SEEN PRESENTA-	. NI	8	6	1	172 I	16	203
TION OF PATIENT	ROMXI	3.94%	2.96%	0.49%	84.73%	7.88%	100.00%
11	COL%	33.33%l	42.86%	100.00%	34.26%	30.19%	34.18%
11	I	1	•••	I	I	, II [.]	11
I HELPED TREATMENT	H	0	0	0	6	0	6 11
II OF RATIENT	ROMX	0.0 %l	0.0 %	0.0 %	100.00%	0.0 %11	100.00%
H	COLXI	0.0 %	0.0 %	0.0 %I	1.20%	0.0 %11	1.01%
11	1	I	•	I		II	11
RESPONSIBLE FOR	ы	1	0	0	2	1	4 11
I ONE PATIENT	ROWZ	25.00%	0.0 %	0.0 %	50.00%	25.00%	100.00%
11	COLXI	4.17%	0.0 %	0.0 XI	0.40%	1.89%	0.67%
11	1	I		I		11	11
I RESPONSIBLE FOR	Ы	0	" O I	0	1	0	1
I TWO OR MORE	ROWX	0.0 %	0.0 %	0.0 %	100.00%	0.0 %11	100.00%
11	COL%	. 0.0 %	0.0 %	0.0 %	0.20%	0.0 %	0.17%
11	I		I		1	11	П
I NÓ RESPONSE	ы	15 I	8	0	321 I	36	380 11
11	ROW/	3.95%	2/112	0.0 %	84.47%	9.47%	100.00%
11	COLXI	62.50%	57.14%	0.0 %	63.94%	67.92%	63.97%
11		I	I	i 1	1	11	11
300000000000000000000000000000000000000							
11	n	1			1	11	11
I TOTAL	н	° 24	1 4	1	502 l	53	594 11
۵ ا	ROW%	4.04%	2.36%	0.17%	84.51%	8.92211	100.00%
11	COL%I	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
H	I	I				11	11
		nonnenner	nnnnnnnnn			00000000000	00000000000

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(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1976 GRADUATES

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ALLERGIC REACTION

	_		PRAC	TICE EXPE	RIENCE		
	ł	TREATM	TREATH	I I	NO	NO 1.1	11
STUDENT, EXPERIENCE		OFFICE	HOSPITAL	REFERRED	CONTACT	RESPONSE	TOTAL 11
11	I	`		1	1	11	11
I SEEN PRESENTA-	N	62	5	1	31	12	111
II TION OF PATIENT	ROMXI	55.86%	4.50%	0.90%	27.93%	10.81%	100.00%
11	COLXI	16.40%	19.23%	9.09%	21.68%	33.33%	18.69%
11	1	1	I I	*	1	11	
II HELPED TREATMENT	Ы	17	3	0	4	0 11	24 11
11 OF PATIENT	ROM%	70.83%	12.50%	0.0 %	16.67%	0.0 %	100.00%
11	COLZI	4.50%	11.54%	0.0 %	2.80%	0.0 %11	4.04%
11	1	1	I I	· · · · · · · · · · · · · · · · · · ·	1	і. п	11
II RESPONSIBLE FOR	Nİ	62	3	2	14	3 11	84 11
II ONE PATIENT	ROHZ	73.81%	3.57%	2.38%	16.67%	3.57%	100.00%
11	COLXI	16.40%	11.54%	18.18%	9.79%	8.33%	14.14%
II ,	1	1	1	1		11	1 11
IT RESPONSIBLE FOR	NI	38	3	2	9	2	54 11
II TWD OR MORE	ROWZI	70.37%	5.56%	3.70%	16.67%	3.70%11	100.00%
11	COLZ	10.05%	11.54%	18.18%	6.29%	5.56%	9.09%
11	1	1	1	1	1	. 11	11
II NO RESPONSE	Ы	199	12	6	85 I	19	321
11	ROWZ	61.99%	3.74%	1.87%	26.48%	5.92%[]	100.00%
11	COLX	52.65%	46.15%	54.55%	59.44%	52.78%	54.04%
11	1	1	· 1	. 1	Í	11	11
000000000000000000000000000000000000000					80088000	#=======	2222222222
11	. I	1	1	1	· 1	11	11
II TOTAL	NI	378 i	26 I	11	143 İ	36 11	594 11
11	ROWZI	63.64%	4.38%	1.85%	24.07%	6.06%11	100.00%
11	COLXI	100.00%	100.00%	100.00%	100.00%	100.00%11	100.00%
11	1	1	1	1	1	11	
		-					

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(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN'S HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED HITH PRACTICE EXPERIENCE AFTER GRADUATION

1976 GRADUATES

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	STACTTON EVDEDIENCE									
			PRAU	THE EVER		NO 11				
	1	TREATH I	TREATM 1	1			TOTAL 11			
STUDENT EXPERIENCE		OFFICE	OSPITALIE	<u>REFERRED I</u>	CONTACTIN	LI <u>JENUNDETT</u>				
11	1	1	1	1	• •	11	11			
I SEEN PRESENTA-	Ы	12	5	0	158	19 11	194 11			
11 TION OF PATIENT	ROWXI	6.19%	2.58%	0.0 %	81.44%	9.79211	100.00%11			
11	COLXI	40.00%	33.33%	0.0 %1	31.98%	35.19%[]	32.66%11			
11	· I	1	1	1	1	11	11			
II HEIDEN TREATMENT	ы	⊿1	2	0	9, l	0	12			
IL OF DATTENT	ROMX	8.33%	16.67%	0.0 %1	75.00%	0.0 %11	100.00%			
	COLZI	3.33%	13.33%	0.0 %1	1.82%	0.0 %	2.02%11			
· · · ·	1	1	1	1	. 1	11	II			
	, 14	0 l	0 1	0	6	2	8 11			
II RESPONSIBLE FOR	nnuv!	0 0 21	0.0 %	0.0 %	75.00%	25.00%11	100.00%			
II ONE PATIERI	CO1 21	0.0 /1	0.0 21	0.0 %	1.21%	3.70%11	1.35%			
11	LULAI	0.0 //1	1		l I	11	11			
11	1	ا م ا		•	, , , , , , , , , , , , , , , , , , , ,	0 11	3			
RESPONSIBLE FOR	NI	1 U 1		0.0.7	, . 	0.0 211	100.00%[]			
II THO OR MORE	ROWX	0.0 XI	0.0 %			0 0 211	0.51211			
11	COLXI	0.0 %1	0.0 %1	0.0 %		11	11			
11	1	I	1	_			177			
11 NO RESPONSE	Ы	17	8	1	318	22 11	11 776			
11	ROWZ	4.51%	2.12%	0.27%	04.35%	8.75711	100.00711			
11	COLX	56.67%	53.33%	100.00%	64.37%	61.11211	63.47/11			
11	1				1 ⁻ 1	11	11			
000000000000000000000000000000000000000					0000000000					
11				ļ	I 1					
	ท	30	15	1	494	54 I	594 I I			
11	ROMX	5.05%	K 2.53%	0.17%	03.16%	9.09%1	100.00%			
11	COLZ	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%[]			
	00 8/1			I	1	i I	ا ـ ا			
		•	300000000		000000000					

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' (NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

CHI-SQUARE=

STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS Compared With Practice Experience After Graduation

1976 GRADUATES

HYPERACTIVITY

• -	PRACTICE EXPERIENCE						
I	TREATH	TREATH		NO	1 110 11	11	
	OFFICE	HOSPITAL	REFERRED	CONTACT	RESPONSE	TOTAL 11	
I		I			l- 41	11	
N	63	5	l 3 [°] I	47	11	129	
ROH%	48.84%	3.88%	2.33%	36.43%	8.53%	100.00%[]	
COL%I	20.93%	15.15%	42.8621	22.49%	25.0Ø%	21.72%	
I	Ŋ				I (14)		
H	15	2	· 0	• 6	I 3 I	26 11	
ROHX	57.69%	7.69%	l 0.0 %l	23.08%	11.54%	100.00211	
COLXI	4.98%	6.06%	0.0 %	2.87%	6.82%	4.38211	
I			Ι.Ι		1 š 11	11	
Ы	44	6	0	17	4	71	
RCH%	61.97%	8.45%	1 0.0 %	23.94%	5.63%	100.00%	
COL%	14.62%	18.18%	Y 0.0 %I	8.13%	9.09%	11.95211	
- 1		I Í	l	[- I I	11	
NI	18	0	0 	4	11	23 11	
ROMXI	78.26%	0.0 %	0.0 %	17.39%	4.35%	100.00%	
COLXI	5.98%	0.0 %	0.0 %l	1.91%	2.27%	3.87%	
<u>'</u> 1	1		I I	I	l i II	11	
N	161	20	4	135	25	345	
ROHX	46.67%	5.80%	1.16%	39.13%	7.25%	100.00211	
COLXI	53.49%	60.61%	57.14%	64.59%	56.82%	58.08%	
I	l	l I	l i I	I	III II	11	
000000	900000000 4	10000000000	000000000000000000000000000000000000000	000000000	000000000000000000000000000000000000000	00000000000	
I	T	<u> </u>		I	11	ោ	
14	301	33	7	209	44 11	594 II	
row?	50.67%	5.56%	1.18%	35.1921	7.412	100.00211	
COLZI	100.00%	100.00%	100.00%1	100.00%	100.00200	100.00%	
• •	I		I	I	I I	11	
	I NI ROW2I COL2I I ROW2I COL2I I ROW2I COL2I NI ROW2I COL2I I ROW2I COL2I I ROW2I COL2I I ROW2I COL2I I ROW2I COL2I I ROW2I COL2I COL2I ROW2I COL2I COL2I ROW2I COL2I ROW2I COL2I ROW2I COL2I ROW2I COL2I ROW2I COL2I ROW2I COL2I ROW2I COL2I COL2I ROW2I COL2I	TREATH OFFICE N 63 ROH% 48.84% COL% 20.93% COL% 20.93% N 15 ROH% 57.69% COL% 4.96% N 44 ROH% 57.69% COL% 14.62% N 16 ROH% 78.26% COL% 5.96% N 161 ROH% 46.67% COL% 53.49% N 301 ROH% 50.67% COL% 300.00% 	PRAM I TREATH TREATH I OFFICE H05PITAL I NI 63 S ROHZ 48.642 3.662 COLZ 20.932 15.152 NI 15 2 ROHZ 15 15 15 15 15 15 15 15 15 15 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18 18 1972 15.002 18 197 101 120 131 14	PRACTICE EXPE I TREATH TREATH I OFFICE H03PITALIREFERRED NI 63 5 3 ROHZ 48.84% 3.86% 2.33% COLZ 20.93% 15.15% 42.86% I I I I NI 15 2 0 ROHZ 20.93% 15.15% 42.86% I I I I NI 15 2 0 ROHZ 57.69% 7.69% 0.0 % COLZ 4.98% 6.06% 0.0 % COLZ 4.98% 6.06% 0.0 % ROHZ 61.97% 8.45% 0.0 % COLZ 14.62% 16.16% / 0.0 % ROHZ 76.26% 0.0 % 0.0 % ROHZ 76.26% 0.0 % 0.0 % ROHZ 50.67% 5.80% 1.16% ROHZ 96.67% 5.80%	PRACTICE EXPERIENCE I TREATH TREATH NO OFFICE HOSPITALIREFERRED CONTACT. I I NI 63 5 3 47 ROHZ 48.84% 3.86% 2.33% 36.43% COLZ 20.93% 15.15% 42.86% 22.49% I I I I I NI 15 2 0 .6 ROHZ 57.69% 7.69% 0.0 % 23.08% COLZ 4.98% 6.06% 0.0 % 23.08% COLZ 4.98% 6.06% 0.0 % 23.94% COLZ 4.98% 6.06% 0.0 % 23.94% COLZ 4.98% 6.06% 0.0 % 23.94% COLZ 14.62% 16.18% 0.0 % 3.13% I I I I I I NI 16 0 0.0 % 1.13% ROHZ	PRACTICE EXPERIENCE I TREATH TREATH NO NO NO NO NO I OFFICE HOSPITAL REFERRED CONTACT [RESPONSE] ONTACT [RESPONSE] I	

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(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1976 GRADUATES

OTHER BEHAVIOR PROBLEMS

			PRACT	ICE EXPER	IENCE		
		DEATH I	TREATH I	•	NO I	NO 11	11
•		IRGAIN I	INCONTAL IN	-	CONTACT	ESPONSE	TOTAL 11
STUDENT EXPERIENCE		OFFICE II	OSPITALIR	CFCRRCVI		11	
11		1	11	1		11 44	107 11
II SEEN PRESENTA-	N	32	2 1	2	571	· 14 1	100 00/11
IT TTON OF PATTENT	ROW2	29.91%	1.87%	1.87%	53.27%1	13,08/11	100.00%11
	COLA	13.79%	6.90%	25.00%	22.53%	19.44%	48.01/11
11			1	· 1	1	11	
11	· 1			0 1	7	0	17
II HELPED TREATMENT	11	71	E 00%	0 0 7	41.18%	0.0 %11	100.00%
[®] OF PATIENT	ROW%	52.94%1	5.00/1	<u>, v.v</u> .v	2 7771	0 0 211	2.86%
11	COLXI	3.88%1	3.45%1	0.0.71	2.77%1	11	11
11	Ι.	1	1	· · ·]	1		(n 11
IL DESDONSTRIE FOR	N	27	f 5	1	25 1	3 11	
	POWZ	44.26%	8.20%	1.64%	40.98%	4.92%11	100.00%11
11 ONE PALLENI	CO171	11 642	17.24%	12.50%	9.88%	4.17%	10.27%
11 •		11.04/01	1			-11	
11 -	· 1			1 1	9	6 11	39
RESPONSIBLE FOR	N	20	31			15 38/11	100.00%
I TWO OR MORE	ROWX	51.28%	7.69%1	2,50/1	23.00%	A 7771	6 5721
	COLXI	8.62%	10.34%	12.50%	3.56%	0.33411	1
	. Î			l	ļ		
	N	144	18	4	155	49	370 1
11 NO RESPONSE	nouvi	38 92%	I. 4.86%]	1.08%	41.89%	13.24%	100.00%
. 11	RUMAI	JU. 727	I07%	50.00%	61.26%	68.06%	62.29%
11	COLXI	02.07%	M.	•	1	1 1	1 1
11	1		1 🖉 - I	*			============
. =====================================	=======	========	============	;========	,		1 ¹
· • 11 · · ·	· 1	¢	1 1		1 , .	1	i čovil
	N	232	29-	8	253	72	1 574 1
	P0471	39.06%	4.88%	1.35%	42.59%	12.12%	100.00%
11	CO1 1/1	100 002	1 100.002	100.00%	100.00%	100.00%	100.00%
. 11		100.00%	1 1001000			1 - 1	1
11	1	• •	I 	• 			===============================
	=========		:2222222222				

CHI-SQUARE= 22.1062 (NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1976 GRADUATES

LEUKEMIA

			PRAC	TICE EXPE) RJENCE	4	4 5
	ĺ	TREATM	TREATM	<u> </u>	NO I	• * NO "	<u> </u>
STUDENT EXPERIENCE	• 1	OFFICE	HOSPITAL	REFERRED	CONTACT	RESPONSE	TOTAL 11
II SEEN PRESENTA-	Ы	31	15	2	. 140	18	206
II TION OF PATIENT	ROW%	15.05%	7.28%	0.97%	67.96%	8.74%	100.00%
11	COL%	37.35%	33.33%	66.67%	33.25%	42.86%	34.68%
11	I	: ·		1	1	11	Í.
II HELPED TREATMENT	Ń	4	2	1	9	1	17
OF PATIENT	ROM%	23.53%	11.76%	5.88%	52.94%ľ	5.88%	100.00%
11	COL%	4.82%	4.44%	33.33%	2.14%	2.38%	2.86%
11	I			· 1	I	11	11
I RESPONSIBLE FOR	N	2	· 1	0	6 [0	9 -
ONE PATIENT 💊 👘	ROW%	22.22%	11.11%	0.0 %	66.67%	0.0 %	100.00%
· ·	COL%	42.41 %	2.22%	0.0 %	1.43%	0.0 %]	1.52%
11	· I	j I	l I	·	ļ	11	11
I RESPONSIBLE FOR	Nİ	0	0	. 0	2	0	⁷ 2
II TWO OR MORE	ROW%	0.0 %	0.0 %	0.0 %	100.00%	0.0 %	100.00%
ÎI (COL%	Q.0 %	0.0 %	0.0 %	9 .48%]	0.0 %	0.34%
11	I	I	I	1	1	11	11
I NO RESPONSE	N N	46	27	0	264 I	23 H	360
	ROM%	12.78%	7.50%	0.0 %	73.33%	6.3/9% 1	100.00%
II .	COL%	55.42%	60.00%	0.0 %	62.71%	54.76%11	60,61%
11	I	I	I	i I	, s. 1	11 II	11
*================================	=====	==========	===========	========	22222222	=================	===========
	1	- I	, I	· I	, I	11	11
II TOTAL	N	83	. 45	3	421	42	· 594
	ROM%	13.97%	7.58%	0.51%	70.88%	7.07%	100.00%
	COL%	100.00%	100.00%	100.00%	100.00%	100.00 K	100.00%
11	I	· I	I		· · · 1	11	
	======	=========	===========	==============			

CHI-SQUARE= 19.0243

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS Compared With Practice Experience After Graduation

1976 GRADUATES

OTHER BLOOD DYSCRASIAS

			PRACT	ICE EXPER	TENCE		
۱.	· _	TREATH I	TREATM	I	NO I	NO II	11
STUDENT EXPERIENCE		OFFICE +	OSPITAL R	EFERRED	CONTACT	RESPONSE	TOTAL 11
<u> </u>			I		I	11	* H
IL SEEN PRESENTA-	'NI	38 I	13 I	3	106	20	180
I TTON OF PATIENT	ROWZ I	21.11%	7.22%	1.67%	58.89%	11.112	100.00%
	COLZI	34.86%	28.26%	42.86%	28.80%	31.25%	30.30%
11	1	I		L L	· I	Т Ц	_H.
II HEIPED TREATMENT	Nİ	· 6	3 I	0	5	2	16
II OF PATIENT	ROW%	37.50%	18.75%	0.0 %1	31.25%	12.50%	100.00%
	COL?	5.50%	6.52%	0.0 %	1.36%	3.13%	2.69%[]
	-	1	I	I		21 H	
IL RESPONSIBLE FOR	้ ทไ	7	. 3 I	1	14 ŀ	211	27
IL ONE PATIENT	ROW%	25.93%	11.11%	3.70%	51.85%l	7.41%	100.00%
	COL%	6.42%	6.52%	14.29%	3. (0%)	3.13%	4.55%
11	i i	1	I	l	I	H	, II
IL RESPONSIBLE FOR	N	2	0	0 I	1	1	4 11
IL TWO OR MORE	ROWZ	50.00%l	0.0 %	0.0 %	25.00%	25.00%	100.00%
11 THO ON TION- ,	COLZ	1.83%	0.0 %1	0.0 %l	0.27%	1.56%	0.67%
		1		l	I	11	
LL NO RESPONSE	Nİ	56 l	27	3	242	39	367
	ROW%	15.26%l	7.36%	0.82%	65.94%	10.63%	00.00%
	COLXI	51.38% l	58.70%l	42.86%	65.76%	60.94%	61.78%
	· · · · •		I	[l I		
	======	================================	==============			:22222222	
11	1	-	I				
LL TOTAL	N	109	46	7	368	64	594
	ROWZ	18.35%	7.74%	1.18%	61.95%	10.77%	100.00%
	COLX	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	-	I				l ji	
		.=========	=========================	=========	========================	=========================	

CHI-SQUARE= 20.7744

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1976 GRADUATES

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BRAIN TUMORS -

	_		PRAC	TICE EXPE	RIENCE		
•	- 1	TREATH	TREATH	 	NO I	NO* 1	, [⊛] _∏
STUDENT EXPERIENCE		OFFICE	HOSPITAL	REFERRED	CONTACT	RESPONSE	<u>TOTĂL 11</u>
11	•• 	•		.	· 1	* ·	· • • • • • • • • • • • • • • • • • • •
I SEEN PRESENTA-	1N	25	8	0	142	15	190
I TION OF PATIENT	` Rom%	13.16%	4.21%	0.0 %	74.74%	7.89%11	100.00%
	רסראן	33.78%	27.59%	0.0 %	32.42%	29.41%	31.99%
11	Ĩ	^{ري}		···	. I	I II	· • 11
II HELPED TREATMENT	N	0	1	• •	. 4	0 11	5
I OF PATIENT	Rom%	0.0 X	20.00%	0.0 %	80.00%	0.0 %	100.00%
11	COLXI	0.0 %	3.45%	0.0%	0.91%	0.0 %	0.84%
11	" I	1	ļ		·	1	
VI RESPONSIBLE FOR	N	1		0	6	. 1	8 I
I ONE PATIENT	· Rom%	12.50%	0.0 %	0.0 %	75.00%	12.50%	100.00%
11	COLXI	1.35%	0.0 %	0.0 %	1.37%	1.96%	1.35%
11	1			_	1	II.	11.
" RESPONSIBLE FOR	Nİ	ु 0 ५	0	0	2	0 1	. 2 1
I TWO OR MORE	ROWX	0.0 %	0.0 %	0.0 %	100.00%	0.0 %11	100.00%
11	COL%	0.0 %	0.0 %	0.0%	0.46%	0.0 %	0.34%11
11	1	l			i I	11	11
I NO RESPONSE	N	پ 48 پ	. 20	2	284	35	s 389 I I
11 '	Rom%	12.34%	5.14%	0.51%	73.01%	9.00%	100.00%
11	COLXI	64.86%	68.97%	100.00%	64.84%	68.63%	65.49%1
11	.	· ·]		f 1	• 1	11	.11
*******	=====	========	============			2222222222	
11					1		- 1
TOTAL	. NI	. 74	29	2	438	51,	594
11	ROW	12.46%	4.88%	0.34%	73.74%	8.59%11	100.00%
11	COFXI	100.00%	100.00%	, 100.00%	100.00%	100.00%	100.0020
11	1			0	1	5 - 1 H	. H
==============================	=======	============	********	===========			==============

es.

CHI-SQUARE=

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS Compared With Practice experience after graduation

1976 GRADUATES

SARCOMAS

· .			PRAC	TICE EXPE			
		TREATM	TREATM	I	NO I	NO II	11
STUDENT EXPERIENCE		OFFICE	OSPITAL	REFERREDI	CONTACT	RESPONSE	TOTAL 11
<u> </u>	I	1	1	- I	1	11	511
SEEN PRESENTA	N	20 I	11	` ^1	157	' 19 f i	208
TION OF PATIENT	ROM%	9.62%	5.29%	0.48%	75.48%	9.13%	100.00%[]
11 .	COL%	43.48%	42.31%	100.00%	33.69%	34.55%	35.02%
	, I	I	-ta 	1	· Į		•
HELPED TREATMENT	NI	3	1	0	7	0	11
OF PATIENT	ROM%	27.27%	9.09%	0.0 %	63.64%	0.0 %	100.00%
H	COLXI	6.52%	3.85%	0.0 %	1.50%	0.0 %	1.85%
11	I	·	I	I	I	11	1,1
1 RESPONSIBLE FOR	N	2	0	0	71	0 14	8
ONE PATIENT	ROMXI	22.22%	0.0 %	0.0 %	77.78%	0.0 %	100.00%
11	COLXI	4.35%	0.0 %	0.0 %	1.50%	. 0.0 %	1.52%
J1	I	<u> </u>	· • •		I	. · · · · · · · · · · · · · · · · · · ·	·
RESPONSIBLE FOR	N	0	0, I	0	2	0	2 11
I TWO OR MORE	ROM%	0.0 %	0.0 %	0.0 %	100.00%	• 0.0 %	100.00%
11	COL%	0.0 %	0.0 %	0.0 %	0.43%	0.0 %	0.34%
11	I		· I	F	l	· · · · · · · · · · · · · · · · · · ·	
NO RESPONSE	N N	21	14	0	293	36	364
11	ROM%	5.77%	3.85%	0.0 %	80.49%	9.89%	100.00%
	COLXI	45.65%	53.85%	0.0 %	62.88%	65.45%1	61.28%
11	I	I	1				11
=====================================	======	=========					
11	I	· · · ·	1				
TOTAL	• N	, 46 l	26	1	466	55	594
۴ ۱۱	ROM%	7.74%	4.38%	0.17%	78.45%	9.26%	100.00%
11	COLXI	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	I	·		I	l	-	
	=======		.========	==================	================	2222222233	=============

CHI-SQUARE= 17.3578

208

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(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1976 GRADUATES

SQUAMOUS CELL CARCINOMA

Ester

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		PRAG	CTICE EXPE	RIENCE		
.)	TREATM	TREATM		NO I	NO	· • • • • • • • • • • • • • • • • • • •
STUDENT EXPERIENCE	OFFICE	HOSPITAL	REFERRED	CONTACT	RESPONSE	TOTAL 11
	I	I		I	II	
II SEEN PRESENTA- N	31	l 22	2	137	16	208
I TION OF PATIENT ROWN	14.90%	10.58%	0.96%	65.87%	7.69%	100.00%
	i 28.18%	35.48%	40.00%	36.24%	41.03%	35.02211
,H '	1	I		I	11	- ' H
II HELPED TREATMENT N	' 10	6	01	18 I	0	34
I OF PATIENT ROWN	29.41%	17.65%	0.0%	5294%	0.0 %	100.00% /
	9.09%	9.68%	0.0 %	4.76%	0.0 %11	5.72%
11 .	I			I	·	11
I RESPONSIBLE FOR N	6	4	0	9	1-11	20
I ONE PATIENT ROWN	30.00%	20.00%	0.0 %	45.00%	· 5.00%	100.00%
	5.45%	6.45%	0.0 %	2.38%	2.56%	3.37%
11	I	I I		I	11	11
RESPONSIBLE FOR N	3	0	0	2	0	5 11
II TWO OR MORE ROWN	60.00%	0.0 %	0.0 %	40.00%	0.0 %11	100.00%[]
	2.73%	_0.0 %	0.0 %	0.53%	0.0 %	0.84%
1 1	ł	Ι, Ι		1	H	11
II NO RESPONSE N	60	30 o	· 3	212	22	327
II ROWZ	18.35%	9.17%	0.92%	64.83%	6.73%	100.00%
COLX	54.55%	48.39%	60.00%	56.08%	56.41%	55.05%
	I .			1	11	, 11
22222222222222222222222222222	222222222		222222222	*****		2002890200
		l I	1		11	11
II TOTAL N	110	62	5	378 1	39	594
ROWX	18.52%	10.44%	0.84%	63.64%	6.57%	100.00%[[
COLX	1 100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	l · [. I	1	I	11	11
226322888888888888888888888888888888888	2022223333				================	322222222

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

20.1741



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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1976 GRADUATES

OTHER NEOPLASM

			PRAC	TICE EXPE	RIENCE		
		TREATH I	TREATH I	<u> </u>	NO I	NO 11	11
OTUDENT EVBEDTENCE	1	OFFICE H	OSPITAL	REFERRED	CONTACT	RESPONSE	TOTAL 11
STUDENT EXPERIENCE		<u></u>	 			11	11
	. ' NI	49	16 I	5	90 l	19	179
II SEEN PRESENTATIONT	ואי	27.37%	8.94%	2.79%	50.28%l	10.61%	100.00%
IT TION OF PATIENT	cólyl	27.68%	35.56%	62.50%l	29.03%	35.19%11	30.13%
11 .		L/100/11	1	1	1	i, H	11
	1 M I	י A∵l	0	0	10	5 11	23
HELPED TREAIMENT		34 787	0.0.21	0.0 %	43.48%	21.74%	100.00%
OF PATIENT	RUM/I	A 527	0.0 21	ro.o %	3.23%	9.26%11	3.87%
	LULAI	4.56/.1	1.0		. 1	1 . 11	11
	1	י	د ا	0	°6	j o 1	23
RESPONSIBLE FOR	NI nowl	- 13 E4 E27	17 392	י ו ∾סנס צו	26.09%	0.0 %11	100.00%
ONE PATIENT	RUWAI	7 76.96	R 897	0.0.2	1.94%	0.0 %	3.87%
11	COLXI	1 .34 /41	0.07	•••• ···	1	1 11	
		· .	, , , , , , , , , , , , , , , , , , , ,	, I 0	I 4	1 0 11	6 14
RESPONSIBLE FOR	NI NI	1 1	14 67%	, , , , , , , , , , , , , , , , , , ,	66.67%	0.0 %11	100.00%
TWO OR MORE	ROW%	10.0///	10.07/1 0.00//	1 0.0%	1 1.29%	0.0 %11	1.01%
11 1	COLXI	0.56/1		1 0.0 //	1	i II	· 11.
· []		 	04	i 1 7	, . 1 200	1 30 1	363
II NO RESPONSE	N	106 1	24 / / 14	I 0.837	1 55,102	8.26%	100.00%17
11	ROWX	29.80%1	0.01/	1 37 50%	1 64 522	55.56%	61.11%
	COLX	59.89%	52.23%	1 37.50%		1 1	11
11		ا ا				22222222222	2000200000
3======================================			222222	1	1	Ň I	1
11		 			1 310	1 54 1	I 594 II
II TOȚAL	N		45		1 52 102	1 9.09%	1 100.00%
11	ROMX	29.80%	7.58%	(1.39% (100.00%	1 361477	1 100.0021	1 100.00%
. H	COL%	100.00%	100.00%	1 TOO'OOV	1 100.00/	1 1	1 11
		, I					202222222222
	222222	2222222222	302505000	199999999999	· · · · · · · · · · · · · · · · · · ·		

28.5694 CHI-SQUARE=

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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TABLE 18

STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

-1978 GRADUATES

MENTAL RETARDATION

	-		PRAC	TICE EXPE	RIENCE		
•	I	TRÊATM	TREATM	`	ND I	"ND	11
STUDENT_EXPERIENCE	1	OFFICE	HOSPITAL	REFERRED	CONTACT	RESPONSELL	TOTAL 11
11	I	[ا ا	I	, I	11	11
SEEN PRESENTA-	NI	57	16	0	24	6	103
TION OF PATIENT	ROM%	55.34%	15.53%	0.0 %	23.30%	5.83%	100.00%
11	COL%	15.20%	23.88%	0.0 %	18.90%	25.00%	16.97%
11	- 1	[I I	I	I	· · · · · · · · · · · · · · · · · · ·	11
II HELPED TREATMENT	Nİ	35	3	0	6 -	3	47
OF PATIENT	ROM%	74.47%	6.38%	0.0 %	12.77%	6.38%	100.00%
· · · · · · · · · · · · · · · · · · ·	COL%	9.33%	4.48%	0.0 %	4.72%	12.50%	7.74%
11	I	[I I	I		11	11
I RESPONSIBLE FOR	. NI	66	11	3	20 I	- 511	105
ONE PATIENT	ROW%	62.86%	10.48%	5:86XI	19.05%	4.76%	100.00%
11	COL%	17.60%	16.42%	21.43%	15.75%	20.83%	17.30%
11	1	I	I I	. 1	I	11	11
RESPONSIBLE FOR	N	63	10	· · 3	21	5	102
II TWO OR MORE	ROM%	61.76%	9.80%	2.94%	· 20.59%	4.90%	100.00%
11	COL%I	16.80%	14,93%	21.43%	16.54%	20.83%	16.80%
11.	I	I	l . [' I	· I	IJ	11
I NO RESPONSE	N	154	27 I	8 I	56 I	5	250
11	ROM%	61.60%	10.80%	3.20%	22.40%	2.00%	100.00%
11	' COLXI	41.07%	40,30%	57.14%	44.09%	20.83%	41.19%
11	1	I		1	I		11

11	I	1	I I	1	I	L L	11
II "TOTAL	NI	375	67 I	14	127 I	24	607
11	ROM%	61.78%	11.04%	2.31%	20.92%	3,95%	100.00%
11	COL%I	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
П.,	1	· · ·]	1	1	Í	11	11

CHI-SQUARE=

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

16.2197

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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1978 GRADUATES

27

CEREBRAL PALSY

				PRAC	TICE EXPE	RIENCE		
	•	1	TREATH	TREATM		NO I	но II	11
C 1	TUDENT SYDERTENCE	. 1	OFFICE	OSPITAL	REFERRED	CONTACT	RESPONSE	TOTAL_[]
<u></u>	NUMBER CONTRACTOR					° I	11	11
11 141 (SEEN DEESENTA-	Nİ	41 I	14	3	73 I	13	144
11 1	TTON OF PATIENT	ROMX	28.47%	9.72%	I 2.08%	50.69%l	9.03%[1	100.00%[]
11.		COLX	22.04%	23.73%	60.00%l	23.03%	32.50%	23.72%
		1.	I	~	·	I	• 11	11
11 1	HELPED TREATMENT	н	10 I	4	0	28 I	1	43
	OF PATTENT	ROWX	23.26%	9.30%	0.0 %	65.12%	2.33%	100.00%
11		COLXI	5.38% l	6.78%	0.0 %	8.83%	2.50%	7.08211
		1	3		I I	l		11
	PESPONSTALE FOR	N	28 I	9	1	46	7	91
	ONE PATIENT	ROWZ	30.77%	9.89%	1.10%	50.55%	7.69%	100.00%[]
		COLXI	15.05%	15.25%	20.00%	14.51%	17.50%	14.99%
	σ				1		• • •	
ii.	PESPONSIBLE FOR	Ы	12 I	4	0	14	2	32 11
Ϋ́,	TWO OR MORE	ROWX	37.50%	12.50%	(0.0 X	43.75%	6.25%	100.00% 1
		COLXI	6.45%	6.78%	(0.0 X	4.42%	1 5.00%	5.27%11
14		: I		• *	1	I		
		N	95	28	1	156	17	297
		ROWX	31.99%	9.432	(0.34%	52.53%	5.72%	100.00%
	0	COLX	51.08%	47.462	(20.00%	49.21%	42.50%	48.93%11
			l	Ì	1	I	1 11	11
002					;eaasaaaaa	222222222	22222222222	
П	۰ v		I	I	I	1	1 1	
ii.	TOTAL	N	186	59	5	317	40	607
ii.		ROW%	30.64%	9.72	XI 0.82%	52.22%	6.59%	100.00711
11		COL%	100.00%	100.00	X 100.00X	100.00%	100.00%	100.00%
11	×		I	1	1 . 1	I		
	2002020202020202020			222888888	00000000000	202222222	000000000000000000000000000000000000000	388888888888888888888888888888888888888

CHI-SQUARE=

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(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS Compared With Practice Experience After Graduation

1978 GRADUATES

BLINDNESS

br and a second s	6		PRAC	TICE EXPE	RIENCE	t	
` ^	· 1	TREATH	TREATM	I	ND	ND	11
STUDENT_EXPERIENCE_		OFFICE	HOSPITAL	REFERRED	CONTACT	RESPONSE	TOTAL 1
		I	I	I	I	11	14
I SEEN PRESENTA-	N	64	18 I	1	74	15	172
TION OF PATIENT	ROWZ	37.21%	10.47%	0.58%	43.02%	8.72%	100.00%
11	COL%	30.48%	32.73% l	100.00%	24.34%	40.54%	28.34%
11	I	. I	I	I	. 1	· 11	11
II HELPED TREATMENT	אן	12	5 I	0	. 15 I	5	34
OF PATIENT	ROWZ	35.29%	14.71%	0.0 %	44.12%	5.88%	100.0020
11	COL%	5.71%	9.09%	0.0 %	4.93%	5.41%	5.60%
11	1	I	I	I	1	II	11
RESPONSIBLE FOR	. NI	55	5 I	, O	. 21	4	52
ONE PATIENT	ROMX	42. 31 %	9.62%	0.0 %	40.38%	7.69%	100.00%
11	COL%	10.48% I	9.09%	0.0 %	6.91%	10.812	8.57%
H		ا <u>م</u>	l		1	11	11
RESPONSIBLE FOR	ы	37	, 1	0	2	.011	6
I THO OR MORE	ROWX	50.00%l	16.67%	0.0 %	33.33%	0.0 %	100.00%
H	COL%	1.43%	1.822	0.0 %	0.66%	0.0 %	0.99%1
H	I		I			, ii	
I NO RESPONSE	ы	109	26	0	192	· 16 17	343
H	Romy	31.78% l	7.58%	0.0 %	55.98%	4.66%	100.00%[]
11	COLXI	51.90%	47.27%	0.0 %	63.16%	43.24211	56.51%
11	I	, I	l		I	11	· 11
000000000000000000000000000000000000000	1000000	0000000000	0000000000	10000000000		0000000000	0000000000
11	I		1			11	EI.
TOTAL	ы	210 I	55	1 1	304	37	607
°	RQMX	34.60%	9.06%	0.16%	50.00%	6.10%	100.00% }
11	COLX	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%[]
11	I	l . I				11	11
888888888888888888888888888888888888888	00000000			20000000000	1000000000	000000000000000000000000000000000000000	00000000000

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS - COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1978 GRADUATES

DEAFNESS

2		PRACTICE_EXPERIENCE							
	1	TREATH I	TREATH I	1	NO I	NO II	11		
STUDENT EXPERIENCE	1_	OFFICE	HOSPITAL	REFERRED	CONTACT	RESPONSELL	TOTAL 11		
11		Į	i	I	1	11	· • • • • • • • • • • • • • • • • • • •		
I SEEN PRESENTA-	Ы	77	· 14	1	52 I	16	160		
I TION OF PATIENT	ROWZ	48.13%l	1 8.75% I	0.63%	32.50%l	10.00%	100.00%		
11	COL%	25.08%	28. 57%	100.00%	24.30%)	44.44%	26.36%		
11	1	1	1		1	11	.11		
I HELPED TREATMENT	NL	17 I	2	01	. 71	2	28 II		
I OF PATIENT	ROWXI	60.71%	7.14%	0.0 %	25.00%l	7.14%	100.00%		
H N	COL%	5.54%	4.08%	0.0 %	3.27%	5.56%	4.61%		
H .	1		l		· 1	11	11		
RESPONSIBLE FOR	N	40 I	- 9	0 	21	3	73 11		
I ONE PATIENT	ROWX	54.79%	12.33%	0.0 %	28.77%l	4.11%	100.00%		
11	COLXI	13.03%	18.37%	0.0 %	9.81%	8.33%	12.03%		
ii ·	1			l 1 I	1	11	11		
I RESPONSIBLE FOR	NI	4	0	0	2	0-11	6		
I TWO OR MORE	ROW/	6.67%	0.0%	0.0%	33.33%	0.0 %	100.00%		
· ·	COEX	1 304	0.0%	I 0.0 %	0.93%	0.0 %	0.99%		
11	Ť	. I	•	I [11	11		
I NO RESPONSE	н	169	24	I 0	132 I	15	340 11		
115	ROWZI	49.71%	7.06%	I 0.0 %	38.82%	4.41%	100.00%		
11 5	COLXI	55.05%l	48.98%	0.0 %	61.68%	41.67%	56.01%		
	1	1				11	11		
000000000000000000000000000000000000000			000000000	000000000000			88888888888		
 · ·	1]	I _		11	11		
II TOTAL	Ы	307	49	ן נ_ ו	214	36 11	607		
11	ROWXI	50.50%	8.07%	0.16%	35.26%	5.93%	100.00211		
11 . 1	COLX	100.00%	100.00%	100.00%	100.00%	100.00%	100.00200		
11 *	1		l		I I		11		
	1000000	000000000					0000000000000000		

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(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1978 GRADUATES

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			PRAC	TICE_EXPE	RTENCE		
	<u> </u>	TREATH	TREATH	I	NO I	ND II	11
STUDENT EXPERIENCE	L	OFFICE	HOSPITAL	REFERRED	CONTACT	RESPONSE	TOTAL 11
11	1	I	I I	· · I	ا	11	11
I SEEN PRESENTA-	Nİ	. 76	10	0 	21	6° 1	<u>,</u> 113
TION OF PATIENT	ROMX	67.26%	8.85%	0.0 %	18.58%	5.31%	100.00% }
11	COLXI	17.43%	19.61%	0.0 %	21.002	30.00%	18.62%
11	I	, I	l I	I I	I		11
HELPED TREATMENT	NI	30 -	2	0 	2	1	35
OF PATIENT	ROM%	85.71%	5.71%	0.0 %	5.71%	2.86%	100.00%
11	COL%	6.88%	3.92%	0.0 %	2,00%	5.00%	5.77%
11	I.,	۲		L I	l		11
RESPONSIBLE FOR	• м	91	10	0 	21	4	126 IJ
ONE PATIENT	ROMX	72.22%	7.94%	0.0 %	16.67%	3.17%	100.00%
11 1	COLXI	20.87%	19.61%	0.0 %	21.00%	20.00%	20.76%
	1	I					11
RESPONSIBLE FOR	N	30	3	0	5	3	41 -
I TWO OR MORE	ROMX	73.17%	7.32%	0.0 %	12.20%	7.32%]	100.00%
11 .	COL%I	6.88%	5.88%	0.0 %	5.00%	15.00%	6,75%
11	- I				[.11
I NO RESPONSE	NI	209	26	,	51	<u> </u>	292 II
11	ROMX	71.5	8.90%	0.0 %	17.47%	2.05%	100.00%
	COL%	47.94%	50.98%	0.0 %	51.00%	J. 30.00%	48.11%
	I	ا م.			•		11
222222222222222222222222222222222222222	200000		10000000000		288288888		
11	I	ĺ					11
TOTAL	NI	436.	51	0	100	20	607
11	ROWX	71.83%	8.40%	0.0 %	16.47%	3.29%	100.0020
11	COLXI	100.00%	100.00%	0.0 %	100.00%	100.00%	100.00%
II .	1						11
	- Monenti	topopopo		1000000000			0000000000

CHI-SQUARE=

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STUDENT EXPERIENCE WITH HANDICAPPEO PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1978 GRADUATES

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		•		FRAC	TICE EXPE	RIENCE		
	- ·	<u> </u>	TREATH I	TREATM		NO I	ND II	
	TUDENT EVDEDTENCE	i	OFFICE U	HOSPITAL	REFERRED	CONTACT	RESPONSELL	TOTAL 11
£	TODENT GAP GRACHAG	Ľ			<u> </u>	·		11
	GEEN BOFGENTA-	, NI	77	11	1	58 I	8	155 İl
	TTON OF PATTENT	ROWX	49.68%	7.10%	0.65%	37.42%	5.16%	100.00%
41		COLZI	25.67%	22.45%	33.33%	26.01%	25.00%	25.54%
11		1				1	11	11
	UCIOCO TOFATMENT	мі	11.	3	0	7	4	25 II
	OF DATTENT	POWZ	44.00%	12.00%	0.0 %	28.00%	16.00%	100.00%
	OF PATIENT	colzi	3.672	6.122	0.0 %	3.14%	12.50%	4.12711
		001/11	1				11	ĻL
	DECODUCTÓNE FOD	มไ	39	• 8	0	23	3	73
	NUE DATTENT	powy I	53.42%	10.96%	0.0 %	31.51%	4.11211	100.00%
	UNG FAILCHI	COLZI	13.00%	16.33%	• 0.0 %	10.31%	9.38%	12.03%
11	6 ¹	1					É H	· _ 11
11			4	0	0	2	, 1	7
	THO OF MODE	2004 2004	57.142	0.0 %	0.0 %	28.57%	14.29211	100.00%
	THO OR HORE	couzt	1.332	0.0 %	0.0 %	0.90%	3.13%	1.15%
		• • • • • •	• 1	•			11	11
		י , , , , , , , , , , , , , , , , , , ,	169	27		133	16	347 11
	NO REDPONSE	POWZ	48.702	7.78%	0.58%	38.33%	4.61%	100.00%
		COLZ	56.332	55.10%	66.67%	59.64%	50.00%	57.17%
	۲.		. 1				11	11,
	nneronana555555555							2002070020
11	000000000000000000000000000000000000000		. I		I •		L II	11
	TÜTAI	ม	300	49	3	223	32	607 11
11		ROWS	49.42%	8.07%	0.49%	36.74%	5.27%	100.00%
		COLZ	100.00%	100.00%	100.00%	1 100.00%	100.00211	100.00211
					I			11
11	neenessessessessess						182222888888	00000000000

CHI-SQUARE=

11.6252 (NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH • PRACTICE EXPERIENCE AFTER GRADUATION

1978 GRADUATES .

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•	PRACTICE EXPERIENCE						
	<u> </u>	TREATH	TREATH		ND I	K0	11
STUDENT EXPERIENCE	<u>'</u>	OPETCE	HOSPITAL	REFERRED	CONTACT	RESPONSELL	TOTAL 11
11	I	I			1	-b*	11
II SEEN PRESENTA-	พ	<u>48</u>	15	í í I	102	13 11	179 11
II TION OF PATIENT	ROWX	26.82%	8.38%	0.56%	56.98%	7.26%11	100.00%
11	COLXI	26.2 3 21	34.09%	100.00%	30.54%	28.89×11	29.49%
11,	I	· ·			I	11	11.
II HELPED TREATMENT	N	8	5	0 1	8	1	22 11
OF PATIENT	ROWX	36.36%	22.73%	0.0 %	36.36%	4.55211	100.00211
ìн *	COLXI	4.37%	11.36%	0.0 %	2.40%	2.22%11	3.62%11
11	1	1	•		I	i i	A 11
P RESPONSIBLE FOR	NI	0	3	` 0 	15	2 11	° 28-11
ONE PATIENT	ROMX	28.57%	10.71%	0.0 %	53.57%	7.14211	100.00211
11	COLZI	4.37%	6.82%	0.0 %	4.49%	4.44%11	4.61211
11.	1	(.		I	11	11
I RESPONSIBLE FOR	NI	3	0	0	91	111	• 4 11
II THO OR MORE	ROWX	75.00%	0.0 %	0.0 %	0.0 %	ا 5.00% چي ا	100.00%[]
11 · ·	COLXI	1.64%	0.0 %	0.0 %	0.0 %	1 *************	0.66211
11	1	7	F •	Ι, Ι	. [i	11
II NO RESPONSE	ы	116	21	1° 01	209	26 1	374 []
Π \land	ROMXI	31.02%	5.61%	0.0 %	55.88%	7.49211	100.00211
11	COLXI	63.39%	47.73%	0.0 21	62.57%	62.02%11	61.61211
11	1	I		I I	1	11	· 11
000000000000000000000000000000000000000	000000	000000000		30000000000	800050000	100000000000	000000000000000000000000000000000000000
11	1		l I	l 1		11	_ 11
II TOTAL	, NI	183	44	ા	334	45 11	607 11
11	ROWX	30.152	7.25%	# 0.16%	55.0221	7.41211	100.00211
11	col%l	100.0021	100.00%	100.0021	100.00%	100.00211	190.00%11
11	t	. 1		t	ł	11	11
000000000000000000000000000000000000000	000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000		001000000	20000000000	00000000000
				0 *			

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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS

1978 GRADUATES

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	PRACTICE EXPERIENCE						
· · · · · ·	TREATH	TREATM	і. I.	NO I	NO	e te l i	
STUDENT EXPERIENCE	OFFICE	HOSPITAL	REFERRED	CONTACT	RESPONSELL	TOTAL 11	
II. •	. 	1	I	· · · · · · · · · · · · · · · · · · ·	i II	* H	
I SEEN PRESENTA- N	70	4 .	Í 0	ai 12	4	. 90 l i	
TION OF PAJIENT ROWX	77.78%	4.44%	0.0 %	13.33%	4.44%	100.00%	
II COLX	14.52%	13.79%	0.0 %	16.90%	16.67%[]	14.83%	
11		.	. I	1 . I		< * γμ	
I HELPED TREATMENT	20	· 1	. <u>.</u>	1 ,	2 1 11	23	
I OF PATIENT	86.96%	4.35%	0.0 %	4 ~ 35%	4.35%[]	1100.00	
II COLX	4.15%	3.45%	0.0 %	1.41%	4.17%	3.79411	
. И	t <u>1</u> 1	Γ I	I	1	11	· · • • • • • • • • • • • • • • • • • •	
RESPONSIBLE FOR N	104	11	0	8	4	127 🕌	
ONE PATIENT / ROW%	81.89%	8.66%	0.0 %	6.30%	3.15%	100.00%	
II COLX	21`.58%	37.93%	0.0 %	11.27%	16.67%	20.92%	
II ·	I · I	. I	l	· · · ·	ļ1	*II	
RESPONSIBLE FOR N	, 45	o I	0	3	3	ʻ 51	
I TWO OR MORE ROW?	88.24%	0.0 %	0.0 %	×5.88%	5.88%	100.00%	
COL%	9.34%	0.0 %	0.0 %	4.23%	12.50%	8.40%	
	I I	r I	ļ	1	- <u>-</u> [1]	* H	
I NO RESPONSE	243	13	· ···· - 1	47	12 11	316	
II ° ROWX	76.90%	4.11%	0.32%	14.87%	3.80%	100.00%	
	50.41%	44.83%	100.00%	66;20%	50.00%	52.06%	
ין ^י	ا × ا	I	1	· I	11	11	
°,====================================	============	.==================	=========	.=========	===========	**********	
11	ا ، ا	. ľ	* I	I	11	к., П .,	
II TOTAL N	482/	29	 .1 	· 71	24	607	
II ROWX	79.41%	×+-78%	0.16%	11.70%	3.95%	,100.00%	
ll °colx	100.00%	, 100.00%	100.00%	100.00%	100.00%	100.00%	
' •		i i	I		' II	· 11	
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CHI-SQUARE= 18.1353

(NOTE: EXPECTED CELL FREQUÊNCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS Compared with Practice Experience After Graduation

1978 GRADUATES

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	_		PRAC	TICE EXPE	<u>RIENCE</u>	*	
	Ī	TREATM	TREATH		NO	NO II	
STUDENT EXPERIENCE		OFFICE	HOSPITAL	REFERRED	CONTACT	RÉSPONSEI	TOTAL II
П.,	1	I	I	· · · · · · · · · · · · · · · · · · ·		I II	11
I SEEN PRESENTA- ,	Nİ	23	8	1	123	15	170
TION OF PATIENT	ROWZI	13.53%	4.71%	0.59%	72.35%	8.82% 1	100.00%[[
· · ·	COLXI	26.14%	61.54%	100.00%	27.52%	25.86%	28.01%
11	· I	I	I	I	.7	11	N 11
HELPED TREATMENT	Ы	. 0	0	0	6	2	N 8
OF PATIENT	ROM%	0.0 %	0.0 %	0.0 %	75.00%	25.00% <u> </u>	100.00%11.
- П — — — — — — — — — — — — — — — — — — —	COLXI	0.0 %	0.0 %	0.0 %	1.34%	3.45% [1.32%
	1	I	I	I		1 11	11
RESPONSIBLE FOR	N	3	0	0 1	18	2	23
ONE PATIENT	ROM%	13.04%	0.0 %	0.0 %	78.26%	8.70%	100.00%
11 、	COLXI	3.41%	0.0 %	0.0 %	4.03%	3.45%	3,79%11
ĴΤ, Z	I	I	I	I		1 11	11
RESPONSIBLE FOR	N	0 1	0	0	2	0 1	2 11
TWO OR MORE	ROW%	0.0 %	0.0 %	0.0 %	100.00%	I 0.0 %II	100.00%
11	COLXI	0.0 %	0.0 %	0.0 %	0.45%	0.0 %	0.33%11
TE and the second	· · · · · I	· · · I	· · · · · · · · · · · · · · · · · · ·	la construction I		r:::::::::::::::::::::::::::::::::::::	···· • • • • • • • • • • • • • • • • •
I NO RESPONSE	_ N	62	5	0	298	39 1	404 11
11	ROW%	15.35%	1.24%	0.0 %	73.76%	9.65%	100.00%
11	COLXI	170.45%	38.46%	ð.o %	66.67%	67.24%	66.56%
11	I	I	1	l I		1	11
8492822882222222222		=======================================	============	=============	=================	========================	========
11	1	I	I	I		I ≦µ	- 1 I I
I TOTAL	Ξ NI	88	13	1	447	I 58 ÎT	607 11
41	ROWZ	14.50%	2.14%	0.16%	73.64%	9.56%	100.00%
II	COLXI	100.00%	100.00%	100.00%	100.00%	100.00%11	100.00%
11	1	1	I	1	,	l' I É	11
	:=====	========	======================				=========
						2.33	•

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(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1978 GRADUATES

SPINAL CORD INJUREES

,			PRAC	TICE EXPE	RIENCE		
	<u> </u>	TREATM	TREATM	I	NO I	NO II	14
STUDENT EXPERTENCE	i	OFFICE	HOSPITAL	REFERRED	CONTACT	RESPONSELL	TOTAL II
11	î	· · · · · ·			· · · · I	<u> </u>	41
II SEEN PRESENTA-	Nİ	32	8	0	104	10	154`
I TTON OF PATTENT	ROWZ	20.78%	5.19%	0.0 %	67.53%	6.49%	700°00%
	COLZ	24.06%	16.67%	0.0 %	27.37%	22.73%	25.37% }
11	1				Í	11	
II HELDED TREATMENT	. NI	2	4	11	12	• 3	22
I OF PATTENT	ROWX	9.09%	18.18%	4.55%	54.55%	13.64% l	100.00%
II OF FRIIGHT	COLZ	1.50%	8.33%	50.00%	3.16%	6.82%11	3.62%[]
	<u>v</u>			ا [*] ۱			。。
	NI	11	5	0	26	2	44
I ONE DATIENT	RUMAI	25.00%	11.36%	0.0 %	59.09%	4.55%	100.00%
II ONE PATIENT	roizi	8.27%	10.42%	0.0 %	6.84%	4.55%	7.25%
	1	a -				11	i i i
	, NI	° 3			3	1 II	8
I RESPONSIBLE FOR	POW21	37.50%	12.50%	0.0%	37.50%	12.50%	100.00%
II INU UK NUKE	roivi	2.26%	2.08%	0.0%	0,.79%	2.27%	1.32%
	1			1		r II	11
	, NI	85	30≥	1 1	235	28 11	379
II NU RESPUNSE	pouzl	22 43%	l 7.922	. 0.26%	62.01%	`7.39%	100.00%
	couvi	63 91%	62.502	1 50.00%	61.84%	63.64%	62.44%
		03.71/	1		1	 	j E
		********	===========	:============	============		================
	 I			1.	1	I I	
	NI.	133	I · 48	. 2	380	44	607 <u> </u>
	ויי לייוחם	21 917	1 7.913	 (0.33%	62.60%	7.25%	100.00%
	CO1 2	100 007	1 100.003	2 100.00%	100.00%	100.00%	100.00%
		100.00%			1	I I	
						=================	

CHI-SQUARE=

24.5664 (NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

213

-170-
STÜDENT EXPERIENCE WITH HANDICAPPED PATIENTS Compared with Practice experience after graduation

1978 GRADUATES

MULTIPLE SCLEROSIS

	· -		PRAC	TICE EXPE	RIENCE	°	
, . o	1 - T	TREATM	TREATH I	1	NO I	NO 11	ا أو
STUDENT EXPERIENCE	[OFFICE	HOSPITAL	REFERRED	CONTACT	RESPONSE	TOTAL 11
П .	I				·	11	11
SEEN PRESENTA-	N	- 35	14	0	95 Į	91	153
I TION OF PATIENT	ROWX	22.88%	9.15%	0.0 %	62.09%	5.88%	100.00%
II É	COLXI	22.15%	<u> </u>	0.0 %	26.03%	20.93%]	25.212
11	I	. i			I		· • • • • • • • • • • • • • • • • • • •
II HELPED TREATMENT	N	5 1	4	0	15	1	25
I OF PATIENT	ROW%	20.00%	16.00%	0.0 %	60.00%	4.00%11	100.00%
11	COLXI	° 3.16%	10.26%	0:0 %	4.117	2.33%11	4.12%
11	I	I			1	· · · · · · · · · · · · · · · · · · ·	<u> </u>
RESPONSIBLE FOR	° NI	13	2	0	22	2	39
II ONE PATIENT	RON%	33.33%	5.13%	0.0 %	, 56.41%	5.13%	100.00%
II and the second second	COL%	8.23%	5.13%	0.0 %	6.03%	4.65%	6.43%
_"	. 1	· 1	I	i I	I	· 11	" I P
RESPONSIBLE FOR	. N	4	. j o l	0.	4	1	9
I TWO OR MORE	ROW%	44.44%	0.0 %	0.0 %	44.44%	11.112!	100.00%
11	COL%I	2.53% l	0.0 %	0.0 %	1.10%	2.33%	1,48%
u <mark>∦l a sana a</mark> n an an an an an an an an an an an an an	· - †	· · · •		 			
II NO RESPONSE	N	101	19	2	229	30 1	381
	ROW%	26.51%	4.99%	0.52%	60.10%	7.87%	100.00%
11	COL%I	63.92%	48.72%	100.00%	62.74%	69,77%]]	62.77%
11 ,		ן	<u> </u>	l I	ه ا	11	1
3 50222222222222222222222222222222222222		=========	22222223	=================	===========	******	
11	I	I	I	1	· 1	. 11	1 ŀ
II TOTAL	NI	158	39	2	365 i	43	607
HL	ROW%	26.03%	6.43%	0.33%	60.13%	7.08%	100.00%
II	COLXI	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
11	1	<u> </u>	I	1	. 1		· 11
,======================================			============	===========	2=2=2=2 <u>2</u> 2		

CHI-SQUARE=

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

13.3241





STUDENT EXPERIENCE WITH HANDICAPPEO PATIENTS Compared With Practice Experience After Graduation

1978 GRADUATES

MUSCULAR DYSTROPHY

¢	_		PRAC	TICE EXPE			
	Ī	TREATM	TREATM . I		NO I	NO 11	11
STUDENT EXPERIENCE	1	OFFICE	HOSPITAL	RÉFERRED	CONTACT	RESPONSE	TOTAL !!
		•	9		l	, <u> </u>	11
I SEEN PRESENTA-	NL	15	12	.0	123 l	" 13 11	163 ll
I TION OF PATIENT	ROWZI	9,20%	. 7.367.	0.0 %	, 75.46%	• 7.98%11	100.00%
	GOL%	19.48%	33.33%	0.0%	28.02%	.23.64%11	26.85%
11	· Ì I		۱. ^۴ . ۱	ا ا	I. Í I	. II	11
HELPED TREATMENT	Ти/	6	3	l oʻl	10	2 11	21
I OF PATIENT	ROWXI	28.57%	14.29%	0.0 %	47.62%	9.52%	100.00%
	COL%I	7.79%	8.33%	l 0.0 %	2.28%	3.64%	3.46%
II II	I		I	ا ا	``I	- 11	11
RESPONSIBLE FOR	Ы	2	3	0	23	1 }	29
ONE PATIENT	ROWZI	6.90%	10.34%	0.0%	79.31%	3.45%	100.00%
	COLZI	2.60%	8.33%	0.0%	5.24%	1.82%11	4.78%
	1		I -	l.		i i i i	11
RESPONSIBLE FOR	Ы	1	I 0	C	3	1 1	a 5 .
I TWO OR MORE	ROW%	20.00%	0.0%	0.0%	60.00%	20.00%11	100.00%
	COL%	1.30%	0.0 %	0.0%	0.68%	1.82%	0.82%11
	I		.ing	+ .	l .	1 1	II'
I NO RESPONSE	N Т	53	1 18	† ·· · · •	280		
11	ROWX	13.62%	4.63%	0.0%	71.98%	9.77%	100.00%
TI	COL%)	68.83%	50.00%	0.0%	63.78%	69.09%]	64.09%
	I		l	Ι.	I,	l'	I, <u>I</u> I
*****************		========	==========	===================	============		:=========
11	,		I	1	ļ	I, []	
I TOTAL	· NI	77	36	0	439	55	607
П .	.Row%	12.69%	1 5.93%	0.0%	72.32%	9.06%	100.00%
11	COL%	100.00%	100.00%	:l 0.0 %	100.00%	100.00%	100.00%
11	۱ [.] ا		1	1.	I	I * • I	1 . 11
22223220022000200222	=======	========	============	222222222	=========	*********	:2=282888888

CHI-SQUARE= 16.7839

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

220

12.45

-172-

STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1978 GRADUATES

FACIAL TRAUMA FROM ACCIDENTS

	_			TICE EXPE	RIENCE		
	I	TREATH	TREATM	, I	NO I	NO II	11
STUDENT EXPERIENCE	1	OFFICE	HOSPITAL	REFERRED	CONTACT	RESPONSE	TOTAL 11
H .	- 1	.	L.	• •	l	l (11	1 J. H
I SEEN PRESENTA-	5 NI	66	20	2	36	8	132
I TION OF PATIENT	ROWX	50.00%	15.15%	1.52%	27.27%	6.06%	100.00%
11	COL%	18.03%	32.79%	50.00%	24.32%	28.57%	21.75%
11 * *	- I	1	lt, I		, i	11	11
I HELPED TREATMENT	N	49	5	. 01	13	41	71
I OF PATTENT	" ROWX	69.01%	7.04%	0.0 %	18.31%	5.63%	100.00%
П	° Col%	13.39%	° 8.20%	0.0 %]	8.78%	14.29%	11.70%
11	1	[I	1	• • 	
I RESPONSIBLE FOR	N	° 26	5	1	8	3	43
I ONE PATIENT	ROW%	60.47%	11.63%	2.33%	18.60%	6.98%]	100.00%[]
11	COL%	7.10%	8.20%	25.00%	5.41%	10.71%	7.08%
¥I.	1	i	l 1	1	1	F 11	
RESPONSIBLE FOR	Nİ	16	4	1	2	2	25
I TWO OR MORE	ROW%	64.00%	16.00%	4.00%	8.00%	8.00%	100.00%
11	COL%	4.37%	t <mark>6.56%</mark>	25.00%	1.35%	7.14%	4.12%
TT	· · · · · · · · · · · · · · · · · · ·	· · · · · ·	.	1		11	
II NO RESPONSE	N	209	27	0	89	11	336
11 '	ROW%	62.20%	8.04%	0.0 %	26.49%	3.27%11	100.00%
11	COL%	57.10%	44.26%	0.0 %	- 60.14%	39.29%	55.35%
11	1	. 1	l I	. 1	. I	L	· 11
52555522555555555555555555555555555555		822288888		2202222222	866888888		2022222222
11	1	1	l I	1	I	I	. 11
I TOTAL	NI	366	61	4	148	28	607
<u>I</u> I	ROWX	60.30%	10.05%	0.66%	24.38%	4.61%[[100.00%
ÎI.	COLX	100.00%	100.00%	100.00%	100.00%	100.00%[]	100.00%[]
11	1	ĺ	l I		I	1 II	11

CHI-SQUARE=

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

28.7608



-173-

STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1978 GRADUATES

MULTIPLY-HANDICAPPED

1

ITREATH ITREATH I NO NO I I STUDENT EXPERIENCE IOFFICE IHOSPITAL/REFERRED CONTACT/RESPONSE TOTAL I I I I I I I I I I II II II II II II II II II II II II II II II III III III III III III III III III IIII IIII IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII					PRAC	TICE EXPE		-	:
STUDENT EXPERIENCE OFFICE HOSPITAL/REFERED/CONTACT/RESPONSE I TOTAL II II II II II II II II II III III <thiii< th=""> III III</thiii<>			- 1	TREATH 1	TREATM	1	NO 1	NO 11	11
I II III III III III III III III III III III III III IIII IIII IIII IIII IIII IIII IIII IIII		STUDENT EXPERIENCE		OFFICE	HOSPITAL	REFERRED	CONTACT	RESPONSELL	TOTAL 11
I SEEN PRESENTA- NI 27 10 1 72 8 1 118 1 I TION OF PATIENT ROW2 22.882/l 8.472/l 0.852/l 61.022/l 6.782/l 100.002/l II COL2/l 15.612/l 15.382/l 25.002/l 22.222/l 19.512/l 19.442/l II I I I I I II II II I I I II III III IIII II II III IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	11	, and a second of the second s	1	1	1	1	1	11	· 11
I TION OF PATIENT ROWX! 22.88%! 8.47%! 0.85%! 61.02%! 6.78%! 100.00%! II COLX! 15.61%! 15.38%! 25.00%! 22.22%! 19.51%! 19.44%!! II I I I II II II II II II II III III III III III III III III III III III III III III IIII IIII IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	11	SEEN PRESENTA-	NI	27	10	- 11	72	8 11	118
II COLXI 15.61X 15.38X 25.00X 22.22X 19.51X 19.44X II I I I I I II II II II I I I II II III III III II II II III III III III III III IIII IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	11	TION OF PATIENT	ROW% I	22.88%	8.47%	0.85%	61.02%	6.78%11	100.00%
I I I I I I I II II II II II II II II II III III III III III III III III III III III III III III III III IIII IIII IIII IIII IIII IIII IIII IIII IIII IIIII IIIIIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	11		COLXI	15.61%	15.38% l	25.00%	22.22%	19.51%	19.44%
I HELPEO TREATMENT NI 10 6 1' 16 5 1 38 1 II OF PATIENT ROW2 26.322 15.792 2.632 42.112 13.162 100.002 II COL2 5.782 9.232 25.002 4.942 12.202 6.262 II I I I I II II 6.262 II I I I II III 6.262 6.262 II I I II III IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	11	•	1	1	1	· · · 1	1	11	. 11
II OF PATIENT ROMX! 26.32%! 15.79%! 2.63%! 42.11%! 13.16%!! 100.00%!! II COLX! 5.78%! 9.23%! 25.00%! 4.94%! 12.20%!! 6.26%!! II I I I I I I I 6.26%!! II I I I I I I II 6.26%!! II I I I I I II II 6.26%!! II I I I I II II II II II II II III III III III III III III III III III III III IIII IIII IIII IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	11	HELPEO TREATMENT	ы1	10	6	191	16	5 11	38 11
11 COLXI 5.78%I 9.23%I 25.00%I 4.94%I 12.20%I 6.26%I 11 1 1 1 1 1 1 1 1 11 1 1 1 1 1 1 1 1 1 11 0 40 2 174 1 11 0 40 2 174 1 11 0 40 2 174 1 11 0 40 2 174 1 11 0 40 2 174 1 11 0 40 2 174 1 11 0 40 2 174 1 1 11 0 14 1 1000000000000000000000000000000000000	11	OF PATIENT	ROW%	26.32%	15.79%	2.63%	42.11%	13.16%	100.00%
III I I I I III III III IIII IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	11	、 _	COL%	5.78%	9.23%1	25.00%	4.94%]	12.20%	6.26%]]
11 RESPONSIBLE FOR N1 21 11 0 40 2 1 74 1 11 ONE PATIENT ROWX1 28.38% 14.86% 0.0% 54.05% 2.70% 100.00% 1 11 COL%1 12.14% 16.92% 0.0% 12.35% 4.88% 12.19% 1 11 COL%1 12.14% 16.92% 0.0% 12.35% 4.88% 12.19% 1 11 I I I I II II II II II II II II II II II II III III III III III III III III III IIII IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	11	-	1	1	1	1	1	11	11
II ONE PATIENT ROWX! 28.38%! 14.86%! 0.0 %! 54.05%! 2.70%! 100.00%! II COL%! 12.14%! 16.92%! 0.0 %! 12.35%! 4.88%!! 12.19%!! II I I I I I I II II II I I I I II II II II II RESPONSIBLE FOR NI 11 3 0 14! III 29 II TWO OR MORE ROWX! 37.93%! 10.34%! 0.0 %! 48.26%! 3.45%!! 100.00%! II COL%! 6.36%! 4.62%! 0.0 %! 4.32%! 2.44%!! 4.78%!! II I I I I I II IIII IIII IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	11	RESPONSIBLE FOR	N1	21 I	11	0 1	40	2	74
II COLXI 12.14% 16.92% 0.0 % 12.35% 4.68% 12.19% II I I I I I II II II II II III III III IIII IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	11	ONE PATIENT	ROM%	28.38%	14.86%	0.0 %	54.05%	2.70%]]	100.00%
II I I I I I II II II III III III III III III III III IIII IIII IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	11	، -	COL%l	12.14%	16.92%	0.0 %	12.35%	4.88%	12.19%
II RESPONSIBLE FOR NI 11 3 0 14 1 11 29 II TWO OR MORE ROWXI 37.93XI 10.34XI 0.0 XI 48.28XI 3.45XII 100.00XII II COLXI 6.36XI 4.62XI 0.0 XI 432XI 2.44XII 4.78XII II I I I I I II III III II I I I I III III IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	11	: #.	l	1	<u></u>		1	11	11
I THO OR MORE ROWX! 37.93%! 10.34%! 0.0 %! 48.28%! 3.45%! 100.00%! II COL%! 6.36%! 4.62%! 0.0 %! 4.32%! 2.44%!! 4.78%!! II I I I I I I III 4.32%! 2.44%!! 4.78%!! II I I I I I III III III III III III III III IIII IIII IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	11	RESPONSIBLE FOR	NI	11	3	0.	14 l	1	29 11
II COLXI 6.36XI 4.62XI 0.0 XI 4.32XI 2.44XII 4.76XII II I I I I I I II II II I I I I II III III III III III III IIII IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	11	TWO OR MORE	Rom%	37.93%	10.34%	0.0 %	48.28%	3.45%1	100.00%]]
1 1	11	-	COL%I	6.36%	4.62%	0.0 %	4.32%	2.44%11	4.78%11
NI 104 35 2 182 25 348 II ROWXI 29.89XI 10.06XI 0.57XI 52.30XI 7.18XII 100.00XI II COLXI 60.12XI 53.85XI 50.00XI 56.17XI 60.98XII 57.33XI II I I I I I I III III II I I I I III IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	11	•	1	1		1	1		
11 ROWX! 29.89%! 10.06%! 0.57%! 52.30%! 7.18%!! 100.00%! 11 COL%! 60.12%! 53.85%! 50.00%! 56.17%! 60.98%!! 57.33%! 11 1 1 1 1 1 1 1 1 11 1 1 1 1 1 1 1 1 11 1 1 1 1 1 1 1 1 11 1 1 1 1 1 1 1 1 1 11 1	11	NO RESPONSE	<u></u> Ы	104	-35	2	182	25	- 348
11 COLXI 60.12XI 53.85XI 50.00XI 56.17XI 60.98XII 57.33XI 11 1 1 1 1 1 1 1 11 1 1 1 1 1 1 1 1 11 1 1 1 1 1 1 1 1 11 1 1 1 1 1 1 1 1 11 1 1 1 1 1 1 1 1 11 1 1 1 1 1 1 1 1 1 11 TOTAL NI 173 65 4 324 41 1 607 1 11 ROWXI 28.50XI 10.71XI 0.66XI 53.38XI 6.75XII 100.00XI 11 COLXI 100.00XI 100.00XI 100.00XI 100.00XII 100.00XII 100.00XII 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11	• *	ROM%	29.89%	10.06%	0.57%	52.30%	7.18%	100.00%11
1 1	11		COL%	60.12%	53.85%	50.00%	56.17%	60.98%11	57.33%
11 1	11		1	` 1	1	1	, 1	~ 11	- 11
11 1 1 1 1 1 1 1 11 TOTAL N1 173 1 65 1 4 324 1 1 607 11 ROW% 28.50% 10.71% 0.66% 53.38% 6.75% 1 100.00% 11 COL% 100.00% 100.00% 100.00% 100.00% 1 100.00% 11 1 1 1 1 1 1 1 1				22222222					
NI 173 65 4 324 41 11 607 II ROWXI 28.50XI 10.71XI 0.66XI 53.38XI 6.75XII 100.00XI II COLXI 100.00XI 100.00XI 100.00XI 100.00XI 100.00XI 100.00XII II I I I I I III III III	11		1						11
II ROWX! 28.50% 10.71% 0.66% 53.38% 6.75% 100.00% II COL% 100.00% 1	11	TOTAL	N	173	65	4	324		607 11
II COLXI 100.00XI 100.00XI 100.00XI 100.00XI 100.00XI II I I I II IIII IIII IIII IIII IIII IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	11	4	ROM%	28.50%	10.71%	0.66%	53.38%	6.75%	100.00%1
	11		COLXI	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	11		1			l .			

15.4233 CHI-SQUARE=

222_-174-

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE (CALCULATION)

STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS Compared with Practice experience after graduation

1978 GRADUATES

THE HOME-BOUND PATIENT

	_		PRAC	TICE EXPE	RIENCE		
	. [TREATH	TREATH		NO I	NO II	<u> </u>
STUDENT EXPERIENCE		OFFICE	HOSPITALI	REFERRED	CONTACT	RESPONSE	TOTAL 11
 	Ī	1	I	1	• 1	11	11
II SEEN PRESENTA-	N	23	7	1	113	14	158
II TION OF PATIENT	ROWXI	14.56%	4.43%	0.63%	71.52%	8.86%	100.00%
11	COL%	24.21%	25.93%	25.00%l	27.16%	21.54%	26.03%
11 ,			1 I I	. I	I	11	11
II HELPED TREATMENT	N	0	11	· • • •	8	3	12
OF PATIENT	ROWZI	0.0 %	8.33%	0.0 %	66.67%	25.00%	100.00%
. 11	COLXI	0.0 %	3.70%	0.0 %	1.92%	4.62%	1.98%
11	I	l		l I	l l	11	11
I RESPONSIBLE FOR	ы	3	4	0	5	0	12
I ONE "PATIENT	ROW%	25.00%	33.33%	0.0 %	41.67%	0.0 %	100.00%[
14	COLXI	3.16%	14.81%	0.0 %	1.20%	0.0 %	1.98%
11	I	l			e		11
I RESPONSIBLE FOR	ы	3	0) <u> </u>	5	1	9
I TWO OR MORE	ROW2	33.33%	0.0 %	0.0 %	55.56%	11.11%[]	100.00%
11	COLXI	3.16%	0.0 %	0.0%	1.20%	1.54%	1.48%[[
11	t		· · ·	i1	 	- 11 - 11	
I NO RESPONSE	NJ	66	15	3	285 I	47	416
11	ROWX	15.87%	3.61%	0.72%	68.51%	11.30%	100.00%
11	COLXI	69.47%	55.56%	75.00%	68.51%	72.31%	68.53%
11	l	. I			1	14	
222000000000000000000000000000000000000							
11	I	I			• •	· · · · · II	· · · · • • • •
II TOTAL	ŃІ	95	27	4	416	65 II	607
11	ROM%	15.65%	4.45%	0.66%	68.53%	10.71%	100.00%
11	COLXI	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
11			i 1	i 1			11
						*********	2020202000

CHI-SQUARE=

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

-175-

34.6137

223



A .

STUDENT EXPERIENCE WITH HANOICAPPED PATIENTS COMPAREO WITH PRACTICE EXPERIENCE AFTER GRADUATION

1978 GRADUATES

THE NURSING-HOME PATIENT

2

			PRACT	ICE EXPE	TENCE		
		TREATH I	TREATH I		NO I	NO II	1
		OFFICE IN	OSPITALIR	EFERREDI	CONTACTIO	ESPONSEIL	TOTAL 11
STUDENT EXPERIENCE		<u> </u>				- 41	11
		' 41 L	15	11	71	9 11	137 11
II SEEN PRESENTA-		1 17	10 9521	0.73%	51.82%	6.57%11	-100.00%
I TION OF PATIENT	RUM/	10 0571	21 6328	14.29%	25.82%	21.43%	22.57%11
•	COLXI	19-65/1	CI	1		11	11 II.
11	1			0	17	4 11	28 11
II HELPED TREATMENT	ы	8) C	0 0 7	46 4321	14.29%	100.00%11
OF PATIENT	ROM%	28.57%	10.71%	0.0 /1	40.7J/1	9.52211	4.61%
11	COL%	3.76%1	4.29%1	0.0 /1	4.73/1	130011	11
11	1	1				1 1	29 11
RESPONSIBLE FOR	Ы	6 [,]	81	1	13 1	- 11 7 AEVII	100.00211
ONE PATIENT	ROM%	20.69%	27.59%	3.45%	44.83%1	5.45/11	A 78711
II .	COLXI	2.82%	11.43%	14.29%	4.73%	2.30/11	1 4.70/11 1 1
	1	1	1				וי ו גר די ו
II RESPONSIBLE FOR	N	12	4	0		4 1	
II TWO OR MORE	ROM%	40.00%i	13.33%	0.0%	33.33%	13.33%	1 100.00%11
	COL%I	5.63%	5.71%	0.0 %	3.64%	9.52%1	4.94%11
	1	1	1		1 1	I I.	
LI NO DESDONSE	NI	146	40 1	5	168	24 1	1
II NO RESPONDE	ROW%	38.12%	10.44%	1.31%	43.86%	6.27%	1 100.00%
	COLZ	68.54%	57.14%	71.43%	61.09%	57.14%	63.10%
	0021				1	1	1 1
		1000000000	999999999	20000000		3002002200	osbezesezse
88888999999999999999999999			1		1	1 1	1 Z II
11		217	70 I	. 7	275	42	1 607 1
I TOTAL		1 75 NGV	11.532	1.15%	45.30%	6.92%	100.00%
	COL 22	1 3310701 1 368 6091	100.0021	100.00%	100.00%	1 100.00%	1 100.00%
II	LULA	1 TOA'OOV)		2001000	1 [.]	1	1 1
§ §				100000000			12252222222
89999999999999999999	10000301	90900000000					

CHI-SQUARE 20.7647 (NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1978 GRADUATES

CLEFT PALATE (AND CLEFT LIP)

	_		PRAC	TICE EXPE	RIENCE		
	I	TREATM	TREATH	· I	NO	NO II	· II
STUDENT EXPERIENCE	1	OFFICE	HOSPITAL	REFERRED	CONTACT	RESPONSELL	TOTAL 11
	् ।			· · · ·			* II
I SEEN PRESENTA-	NĪ	6Ó	19	3	93	11	186
II TION OF PATIENT	ROHZ	32.26%	10.22%	1.61%	50.00%	5.91%	100.00%
11	COLXI	29.70%	39.58%	37.50%	29.81%	29.73%	30.64211
11	I				[1
II HELPED TREATMENT	NI	16	7	. 11	20	3	à 47 11
I OF PATIENT	ROWX	34.04%	14.89%	2_13%	42.55%	6.38%	100.00%
II	COLXI	7.92%	14.58%	12.50%	6.41%	8.11%	7.74%
II	1			I		· · · II	· · · · • • • • • • • • • • • • • • • •
I RESPONSIBLE FOR	N	18	5	1	18	5	44
I ONE PATIENT	ROWXI	40.91%	4.55%	2.27%	40.91%	11.36%	100.00%
II	COLXI	。 8.91%	4.17%	12.50%l	5.77%	13.51%	7.25%
П.	I			1		II	11
RESPONSIBLE FOR	Ы	2	0	0	3	2	· 7
I TWO OR MORE	ROM%	28.57%	0.0 %	0.0 %	42.86%	28.57%	100.00%
II	COLXI	0.99%	0.0 %	0.0 %	0.96%	5.41%	1.15%
11	I	[I		II	11
I NO RESPONSE	N	106	. 20 I	3	178	16	323
II Y	ROMX	32.82%	6.19%	0.93%l	55.11%	4.95%	100.00211
· 11 · · · ·	COLXI	52.48%	41.67%	37.50%	57.05%	43.24%11	53.21%
11	1	1		`I	l	11	11
000000000000000000000000000000000000000		aaaaaaaa	10030888888			02000000000	
	1	l	+ +	{/ ↓	1	11	11
TOTAL	Ы	202	48	1 ⁷ 8	312	37	607
H	ROW21	33.28%	7.91%	1.3221	51.40%]	6.10% [*]	100.00%
II ()	COL%I	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	I	1	I I	I	I	11	11
	000000			========			

CHI-SQUARE=

19.7699 (NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)



STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1978 GRADUATES

OTHER CRANIOFACIAL ANOMALIES

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				TICE EXPE	TENCE		
	1	TREATH 1	TREATH I	1	NO +1	NO 11	11
STUDENT EXPERIENCE	L_	OFFICE I	OSPITAL	REFERRED	CONTACTIE	RESPONSELL	TOTAL !!
11	- 1		1	· 1	-1	11	11
11 SEEN PRESENTA-	NI	27	10	2	117	14	170
11 TION OF PATIENT	ROWXI	15.88%	5.88%	1.18%	68.82%	8.24%	100.00%
11	COLZI	33.33%	28.57%	28.57%1	27.15%	26.42%11	28.01211
11	1,	1	1	. I	1	11	11
11 HELPED TREATMENT	н	3 1	5	0 1	91	2 11	, 19
11 OF PATIENT	ROW%1	15.79%	~ 26.32%	0.0 %1	47.37%	10.53%	100.00%
11	COLXI	3.70%1	14.29%	0.0 %	2.09%1	3.77%11	3.13%[]
11	1	1	1	1	1	11	11
11 RESPONSIBLE FOR	ทโ	5	2	01	10	3 11	20 11
11 ONE PATIENT	ROWZI	25.00%1	10.00%	0.0 %	50.00%	15.00%	100.00%[]
11	COLXI	6.17%	5.71%	0.0%	2.32%	5.66%11	3.29%11
11	1	1	1	1	1	11	11
1 RESPONSIBLE FOR	Ы	11	1	0	2	0 11	4 11
IT THO OR MORE	ROWZI	25.00%1	25.00%	1 0.0 %1	50.00%	0.0///1	100.00%11
11	COLXI	1.23%	2.86%	1 0.0 %	0.46%1	0.0 %11	0.66%11
й –	1	1		1 1	1		11
11 NO RESPONSE	NI	45	17	1 5 1	293	34 11	394 11
11	ROWXI	11.42%	4.31%	1.27%	74.37%	8.63%11	100.00%
11 .	COLXI	55.56%	48.57%	71.43%	67.98%	64.15%	64.91%
11	1	1		1		11	11
20222222222222222222222					10000000000		
11	1	້ 1		1	l ' l	11	11
11 TOTAL	N1	81	35	1 7	4 31	,53 I I	607 11
11	ROWXI	13.34%	5.77%	1.15%	71.00%	8.73%	100.00%11
11 *	COLXI	100.00%	100.00%	1 100.00%	100.00%	100.00%	100.00%[]
11 .	- 1	1		1	L 1		· 11
000000000000000000000000000000000000000	2888888	2000000000				200000000000000000000000000000000000000	222222222
\sim							•
<i>S P</i>							

28.6288

CHI-SQUARE= (NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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220

STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1978 GRADUATES

SPINA BIFIDA

	_		PRAC	TICE EXPE	RIENCE		
	· 1	TREATH	TREATH	9 1	NO I	NO II	<u> </u>
STUDENT EXPERIENCE	1	OFFICE	HOSPITAD	REFERREDI	CONTACT	RESPONSEII	TOTAL 11
11	1	1	1	e	1	11	11
11 SEEN PRESENTA-	N]	8	4 Í	0 1	144	13	169
11 TION OF PATIENT	ROMXI	4.73%	2.37%	0.0 %	85.21%l	7.69%11	100.00711
11	C01%1	32.00%	33.33%	0.0 %	28.02%	23.64%11	27.84%
11 .	- 🗖	<u> </u>	1	1	1	11	. 11
HELPED TREATMENT	Ы	1 1	0	0	5	0	6 11
OF PATIENT	ROMX	16.67%	0.0 21	0.0 %	83.33%	0.0 %	100.00%
11	COLXI	4.00%	0.0 %	0.0 %	0.97%	0.0 %11	0.99%
11	1	1	1	1	1	- 11	11
I RESPONSIBLE FOR	- NI	» O]	φI	0	2	0 11	2
ONE PATIENT	· ROWX]	0.0 %	0.0 (%)	0.0 %	100.00%	0.0 211	100.00%
11	COLX	0.0 %	0.0 kt	🔨 0:0 XI	0.39%	0.0 %11	0.33%
11 °	1	1	1	ا عر	1	11	11
RESPONSIBLE FOR	Ы	1	0	0	1	0	2 11
11 TWO OR MORE	ROMXI	50.00%	0.0 %]	0.0 %	50.00%	0.0 %	100.00%
11	COLXI	4.00%	0.0 %1	0.0 %	0.19%	0.0 %11	° 0.33%
11.	1	1	1	1	1	11	. 11
II NO RESPONSE	ы	15	8	1	362	42 11	428 11
11	ROWX	3.50%	1.87%	0.23%	84.58%	9.81%	100.00%
11	COLXI	60.00%	66.67%	100.00%	70.43%	76.36%	70.51%
11	1	1	1	1	1	11	8 11
ECCERCEDCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC				8866888888			
11	· 1		1	1	. 1	11	11
11 TOTAL	NI	25	12	11	514	55	607 11
11	ROWXI	4.1221	1. 98%	0.16%	84.68%	9.06%11	100.00211
H" ·	COLXI	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%]
11	1	. 1	. 1	. 1	. 1	1 H	, 11 .
	3002000	20022222		-020000000	0000000000	===========	

CHI-SQUARE= 15.7860

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1978 GRADUATES

THALIDOMIDE

			PRAC	TICE EXPE			
	1	TREATH 1	TREATH 1	1	NO I	NO 11	11
CTUDENT EXDEDTENCE	· i	OFFICE H	OSPITAL	REFERRED	CONTACT	RESPONSELL	TOTAL 11
	- 1		1	1	I	11	11
II GEEN DDESENTA-	И	6 1	51	0 1	137	13	161
II TTOM OF PATTENT	RONX	3.73/1	3.11%)	0.0 %	85.09%	8.07%	100.00%11
11 JION OF PRAILE	CO121	31.58%	41.67%	0.0 %	26.86%	20.00%11	26.52%11
11	1	1	.)	4	1	11	11
II VELOCO TOFATMENT	N	. 01	0 1	• 01	5	2 11	7 11.
I OF DATTENT	ROWZI	. 0.0 %]	0.0 %)	0.0 %	71.43%	28.57%	100.00%
II OF PAILLIN	COLZI	0.0 %	0.0 %	0.0 %	0.98%	3.08%11	1.15%
11 7	1	> 1	' 1	1	°	11	11
II NERCONNERDIE FOD	រ សា	• • i	11	0 1	1	*••	2 11
I RESPONSIBLE FUR	וצעחם	0.0 %	50.00%	0.0 %	50.00%	0.0 XII	100.00%11
II UNE PATIERT	roi 21	0.0 %	8.33%	0.0 %	0.20%	070 211	<pre>- 0.33%11</pre>
	1	1	1	1	-	1 11	11,
	, И	0 1	0	0	1 2 -	0 1	2 11-
II KESPUNSIBLE FUR	וצעחפ	0.0.21	0.0 %	0.0 %	100.00%	0.0 %11	100.00%
II IND OK NORE	col 21	0.0 %	0.0 %	0.0 %	0.39%	0.0 %11	0.33%11
	1	1	•••			1 1	, II
		13 1	6	1 1	365	1 50 II	435 11
II NU RESPUNSE	nn Irung	2 9921	1.382	1 0.23%	83.91%	13.49%	100.00%
	CO121	68 4221	50.00%	1 100.00%	, 71.57%	1 76.92%1	71.66%
	1	1	1	1 /	1	1 11	11
·			00000000			22222222222	
000000000000000000000000000000000000000	10000	1		1	1	1 11	
	י או	10 1	12	, , 1 1	510	65 1	607 11
II TOTAL	กตันหว่	7 1371	1.982	- 0.16%	1 84.02%	10.71%	100.00211
	RUMA COL 91	100 0021	100.002	1 100.00%	1 100.00%	100.00%	100.00%11
11	501/41	100.00	200100/	1		1 11	11
11	1		19202222				
888888888888888888888888888888888888888		,			•	•	

CHI-SQUARE 30.5821 (NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1978 GRADUATES

DIABETES

· · · · · · · · · · · · · · · · · · ·	<u> </u>	PRACTICE EXP	RITENCE		
•	TREATH I TR	EATH *	но Г	NO 11	l H.
STUDENT EXPERIENCE	OFFICE HOS	PITALIREFERRED	CONTACTIRE	SPONSELL	TOTAL 11
II · · · ·	1 1	A.		۱۱ (11
SEEN PRESENTA- N	51	1 ₅₁ 0	1	8 0 II	53
" TION OF PATIENT ROWZ	96.23%	1.89% (* 0.0 %	1.89%	0.0 XII	100.00%11
	9.66%	2.94% 0.0 %	3.57%	0.0 211	8.73%
II the second seco	-	i I	I I	· 11	11
I HELPED TREATMENT N	24	1 . 0	l 97 l	2]	28 11
I OF PATIENT ROWZ	85.71%	3.57% 0.0 %	3.57%	7.14%	100.00%[]
	4.55%	2.94% 0.0%	3.57%	12.50%[]	4.61%ĮI
H	l Ì	, L	I I	11	11.
I RESPONSIBLE FOR N	133	1Í 0∮	1 8 1	2	154
I ONE PATIENT - ROWZ	86.36%	7.1421 0.0 %	5.19%	1.30%	100.00%
It COLX	25.19% 3	2.35% 0.0%	28.57%	12.50%	25.37211
11	I I	5 I.	1 1	11	, H
RESPONSIBLE FOR N	75	5 1	1 21	<u>5</u> []	- 88 11
II THO OR MORE ROWN	65.2371	5.68% 1.14%	2.27%	5.68%	100.00211
COLX	14.20% 1	4.71% 100.00%	7.14%	31.25%	14.50%
11	I I	l	II.	. 11	11
II NO RESPONSE N	245]	16 P 0	1 16 1	7 11	284 (11
II "ROWX	86.27%	5.63X1 0.0 X	5.63%	2.46%[]	100.00211
II COLX	46.40% 4	7.06% 0.0%	57.14%	43.75%	46.79211
II · 、	t I	l	1	11	11
		000000000000000000000000000000000000000	399599595996	388888888888888888888888888888888888888	0000000000
Π.	I I	I	1 1		11
II TOTAL N	I 528 I	34 * 1	1 28 1	16	607 11
II ROMX	86.99%	5.60% 0.16%	4.61%	2.69%]]	100.00211
II COLX	100.00% 10	0.00% 100.00%	100.00% 1	100.00%11	100.00211
	Į I	l	13 1	` II	11
200000000000000000000000000000000000000				2000000000	0000000000

CHI-SQUARE=

(NOTE: EXPECTNO CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

19.0920

STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1978 GRADUATES

HEMOPHILIA

ø	 10	C	PRAC	TICE EXPE	RIENCE		<u> </u>
	· · · ·	TREATH	TREATH '	of	NO I	NO II.	i H
STUDENT EXPERIENCE	1	OFFICE	HOSPITALI	REFERRED	CONTACT	RESPONSE	TOTAL
<u> </u>		1	ľ	· 1	· · · · · · · · · · · · · · · · · · ·		1 - II
SEEN PRESENTA-	N	° 28	<i>。</i> 17 9	6	104	13	168
I TION OF PATIENT	ROWZÎ	16767%	10.12%	3.57%	61.90%	7.74%	100.00%
11	COLZI	29.17%	28.33%	33.33%	27.51%	23,64%	27.68%
11	1	1	· · · ·	<u> </u>	`. °	11	. 11
I HELPED TREATMENT	N	° 4	7	. e. 11	13	1	26
II OF PATIENT	ROW%	15.38%	26.92%	3.85%	50.00%	3.85%	100.00%
 •	COL%	4.17%	11.67%	5.56%	3.44%	T.827N	4.28%
11	1		1	1 - 1 I	1. 1	· · · · •	ту — 1, Н
RESPONSIBLE FOR	N	5	n 3	0	11	4 .]]	23
I ONE PATIENT	ROW%	•21.74 %	13.04%	0:0 %	47.83%	17.39%	100.00%
11 L R R	COL%	5.21%	5.00%	0.0 %	2.91%	7.27%	3.79%
11	1	•		1			°, II
RESPONSIBLE FOR	N	1	0	· · 0	11	1	3
I TWO OR MORE	ROW%	33.33%	0.0 %	0.0 %	33.33%	33.33%	100.00%
11	COL%	1.04%	0.0 %	0.0 %	0.26%	1.82%	0.49%
1	§ 1	. 1		í !			
I NO RESPONSE	Ň	58	33	11	249	36 11	387
11	ROW%	14.99%	8.53%	2.84%	64.34%	9.30%	100.00%
11	C0F%	60.42%	55.00%	61.11%	65.87%	65.45%	63.76%
11	1	, I	J J			11	, 1 1
8==2===================================	======	===================	:=========	.==========	=========		
Н	- 1	3 I				ы —	1
I TOTAL	N	96	60	18	378	55	607 1
11	ROM%	15.82%	9.88%	2.97%	62.27%	9.06%	100.00%
II I I I I I I I I I I I I I I I I I I	COL%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
•	I	1		4		J II	1
=======================================	=======	=============			============		

°CHI-SQUARE=

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18.2172

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1978 GRADUATES

CARDIOPULMONARY DISEASE

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				·		•	-
•	-	<u> </u>		TICE EXPE	RIÈNCE		· · · · ·
	., j I	TREATH	TREATM	l y I	NO I	NO 11	; I
STUDENT EXPERIENCE	<u> </u>	OFFICE	HOSPITAL	REFERRED	CONTACT	RESPONSEL	TOTAL
, 11	I		, I	1		11	1
SEEN PRESENTA-	Ы	52	4	11	6	2 11	65
I TIDN OF PATIENT	ROW%	80.00%	6.15%	1.54%	9.23%	3.08%11	100.00%
II Contraction of the second sec	COLX	10.81%	10.00%	14.29%	10.53%	9.09%[]	10.71%
11		1 I	I	1	· · · · •	· · · · · · · · · · · · · · · · · · ·	<u> </u>
II HELPED TREATMENT	Ы	· 24	ʻ 2 I	0	1	3	BO 1
I OF PATIENT	ROW%	80.00%	6.67%	0.0 %	3.33%	10.00%	100. 071
11.	COL%	/ 4.99%	5.00%	0.0 %	1.75%	13.64%	4.94%
11	I	· · · · •	·	. J	· · · · · · · · · · · · · · · · · · ·	11	-
I RESPONSIBLE FOR	Ы	106	11		11	3	132
ONE PATIENT	ROW%	80.30% i	8.33%	0.76%	8.33%	2.27%	100.00%
H	COLXI	22.04%	27.50%	14.29%	19.30%	13.64%	21.75%
H .	. • 1			I	I	. H	· · • •
I RESPONSIBLE FOR	.N I	65	1 41	0 I	3	° 5	77
I TWO OR MORE	ROW%	84.42%	5.19%	0.0 %	3.90%	6.49%	100.00%
11	COL%	13.51%	10.00%	° 0.0 %	5.26%	22.73%]]	12.69%
II -	. J					11	, II
II NO RESPONSE	ที่ไ	234	19-1	5	36	.9 11	303
H .	ROM%	77.23%	6,27%	1.65%	11.88%	2.97%	100.00%
H ·	COLXI	48.65%	47.50%	71.43%	63.16%	40.91%	49.92%
11	ð I	-		I	È I	1 - H	1
**********************	=========	===========	222222ź	===========	==========		==========
H .	I	, I		Ì	I	11	I
II TOTAL	Ы	481	· 40	1 7 	57 I	22	607
II , 5	ROW%1	79.24%	6.59%	1.15%ļ	. 9. 39%	3.62%	100.00%
H '	COLX	100.00%	100.00%	100.00%	100,00%	100.00%	100.00%
H 2	1 - E	I	3	1 · · · · ·	I	. 11	. II
	=======	==========	=========================		22222222		

CHI-SQUARE= 15.4870

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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ERIC Full fact Provided By ERIC

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STUGENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1978 GRADUATES

	_		PRAC	TICE EXPE			
•	Ī	TREATH	TREATH		NO I	NO	i II
STUDENT EXPERIENCE		OFFICE	HOSPITAL	REFERREDI	CONTACT	RESPONSEI	TOTAL II
11	I	1	 	1	1	, 11	11
I SEEN PRESENTA-	N	69 Î	4	.0	7	1311	83
I TION OF PATIENT	ROW%	83.13%	4.82%	0.0 %	8.43%	3.61%	100.00%
	COLXI	13.75%	11.76%	0.0 %l	14.58%	15.00%	13.67%
11	1			<u> </u>	·	11	11
HELPED TREATMENT	N	25	3	. 0	2	3 11	33
OF PATIENT	ROWZ	75.76%	9.09%	0.0 %	6.06%	9.09%	100.00%
П	COLXI	4.98%	8.82%	0.0 %	4.17%	15.00%	5.44%
H	I	I	1		. 1	11	
RESPONSIBLE FOR	N	108	6	1	10	2	127
I ONE PATIENT	ROM%	85.04%	4.72%	0.79%	· 7.87%	1.57%	100.00%
	COLXI	21.51%	17.65%	33.33%	20.83%	10.00%	20.92%
11	- 1	1	1			a	11
RESPONSIBLE FOR	ы	39	2	0	0	2 1	43
I TWO OR MORE	ROWXI	90.70%	4.65%	0.0 %	0.0 %	4.65%	100.00%
П. ¹	COLXI	7.77%	5.88%	0.0 %	0.0 %	10.00%	7.08%1
	I			I. I	1	11	11
I NO RESPONSE	N	261	19 °	_، 2 ا	29	10	321
11	ROMX	81.31%	5.92%	0.62%	9.03%	3.12%	100.00%
11	COLXI	51.99%	55.88%	66.67%	60.42%	50.00%11	52.88%11
H	ا	I	1			11	LI
***************************************	=======	===========		*********			2222222222
Π^{\prime}	I	1					
II TOTAL	N	502	34	3	48	20 11	607 11
II.	ROM%	82.70%	5.60%	0.49%	7.91%	3.29%	100.00%11
	COLX	100.00%	100.00%	100.00% 	100.00%	100.00%	TÁO'00%!
11	1	I	l				
=======================================	:=====	===========	==========	-=========	===================		

CHI-SQUARE=

s., 11.7993

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1978 GRADUATES

ATHEROSCLEROSIS

· · · · · · · · · · · · · · · · · · ·	-		PRAC	TICE EXPE	RIENCE		
	I	TREATH	TREATH I	1	NO I	NO II	
STUDENT EXPERIENCE	<u> </u>	OFFICE	HOSPITAL	REFERRED	CONTACT	RESPONSEII	TOTAL 11
H	1 I	1	l	1	. I	11	11
I SEEN PRESENTA-	ΞNI.	66	5	. 01	28 I	5	104
II TION OF PATIENT	ROM%	63.46%	4.81%	0.0 %	26.92%	4.81%	100.00%
H l	COL%l	17.51%	16.67%	0.0 %	17.83%	11.90%	17.13%
			!	.i I		<u> </u>	IL
II HELPED TREATMENT	NI	7	2	0	5	1	15
II OF PATIENT	ROW%	46.67%	13.33%	0.0 %	33.33%	6.67%	100.00%
11	COL%	1.86%	6.67%	0.0 %	3.18%	2.38%	2.47%
П т	I	l	l	1	<u> </u>	I L	11
I RESPONSIBLE FOR	N	50 l	7	0	。 10 l	. 4 11	71
I ONE PATIENT	ROM%	70.42%	9.86%	0.0 %	14.08%	5.63%	100.00%
H i i	COL%	13.26%	23.33%	0.0 %	6.37%	9.52%11	11.70%
H	l	l	l	I	1	. H	· • • • • • • • • • • • • • • • • • • •
RESPONSIBLE FOR	NI	35	3	0	2	2	42
I TWO OR MORE	ROW%	83.33%	7.14%	0.0 %	4.76%	4.76%	100.00%
11	COLXI	9.28%	10.00%	0.0 %	1.27%	4.76%	6.92%
11	l	I	I	. 1	· I	11	· · · · · · · · · · · · · · · · · · ·
II NO RESPONSE	N	219	13	11	112	30	° 375
H	ROW%	58.40%	3.47%	0.27%	29.87%	8.00%[100.00% }
11 '	COLXI	58.09%	43.33%	100.00%	71.34%	71.43%	61:78%
H	i I	. I	· I	· · · I		11	11
7822622772322222 <u>2</u> 222			222222222	========	=======	*********	
II .	È I	I	, I	I			11
I TOTAL	N	377	30	1	157	42 11	607
11	ROW%	62.11%	4.94%	0.16%	25.86%	6.92%[]	100.00%
II .	COL%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
П .	l		1	I,	, I	11	11
	22222		=============	99282228			2223222222

CHI-SQUARE 29.0574 (NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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ERIC

STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1978 GRADUATES

EMPHYSEMA

			PRAC	TICE EXPE	RIENCE		
	Ī	TREATH	TREATH	I	NO .	NO II	11
STUDENT EXPERIENCE	1	OFFICE	HOSPITAL	REFERREO	CONTACT	<u>RESPONSE </u>	TOTAL 11
	1	1	1	, I	1	· – – – – – – – – – – – – – – – – – – –	11
II SEEN PRESENTA-	N	73	9	3	39	5	129
I TTON OF PATIENT	ROWX 1	56.59%	6.98%	2.33%	30.23%	3.88%	100.00%
	COLX	21.16%	21.43%	75.00%	20.97%	. 16.67%	21.25%]
11	1	1			·	11	14
11 HELPEO TREATMENT	N	14	3	0	6	1	. 24
I OF PATTENT	ROWX	58.33%	12.50%	0.0 %	25.00%1	4.17%	100.00%니
	COLZ	· 4.06%	7.14%	0.0 %	3.23%	3.33%	* 3.95%
11	4	· · · · ·		·	. 1	- 11	្វា
II DESPONSTRUE FOR	'NI	37 1	2	0	12.	1	52 11
I I ONE PATTENT	ROWX	71.15%	3.85%	0.0 %	23.08%	₩ .1 .92%	100.00%
	COLZ	10,72%	4.76%	0.0 %	6.45%	3.33%	8.57%
	. 1				·	. II	: 11
II DESDONSTRIE EOD	י י, וא	11	0	L 0	2	0	13
I THO ON MODE	, punal	84.622	0.0 %	0.0%	15.38%	0.0 %	100.00%
II ING OK HORE	r01//	3.192	0.0%	I 0.0 %	1.08%	0.0 % 1	2.14% -
11 y	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	J. 1 ///	010 //	· • •		· · · · · · · · · · · · · · · · · · ·	11
	I M	210	28	' 1	127	23 11	389 11
II NU RESPUNSE	ן או עווחם	ET 097	7.20%	- 0.262	 32.65%	5.91211	100.00%
	COL 2	53, 7071	66 67%	1 25 002	. 68.2821	76.67%	64.09%]]
11 · · ·		00.07%			001-0//	. 11	11
				·			
				1	I 1	11	» Ц.
		745	· ^2	1 1 4		30 11	607
II TOTAL	NI	549 64° 667	∣ <u>∿</u> 46 4.02%	1 7 1 0 447	1 31 442	4 96711	100.00211
	RUWZI		0.72%	1 ,000/	1 30.04%1 1 300 0091	100 0021	100.00211
11 s. g	COLX	100.00%	1 TOO*40%	1 100.00%	1 100.00%	1	a 11
II •		 					-Åsssanss
	:25220/23	:222222321		==20202888			

CHI-SQUARE=

19.3135

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(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS Compared with Practice experience after graduation

1978 GRADUATES

CYSTIC FIBROSIS

		PRAC	TICE EXPE	RIENCE	· · ·	
	TREATM	TREATM		NO	NO II	
STUDENT EXPERIENCE	OFFICE	HOSPITAL	REFERRED	CONTACT	RESPONSE	TOTAL 11
11	l	i 1	i i	1	11	11
II SEEN PRESENTA- N	9	6	1	129	11	156
I TION OF PATIENT ROWZ	5.77%	3.85%	0.64%	82.69%	7.05%	100.00%
II COLX	20.00%	35.29%	100.00%	26.43%	19.64%	25.70%
	l	i	l í l	I	L H	11
I HELPED TREATMENT N	i 1	0	0	8	1	10
I OF PATIENT ROWZ	10.00%	0.0 %	0.0 %	80,00%	10.00%	100.00%
II COLX	2.22%	0.0 %	0.0 %	1.64%	1.79%	1.65%
1.1					11	
IL RESPONSIBLE FOR N	4	0	0	12	2	18
I ONE PATIENT ROW?	22.22%	0.0 %	0.0 %	66.67%	11.11%	100.00%
COL%	8.89%	0.0 %	0.0 %	2.46%	3.57%	2.97%
11	I		i I	I	, H	11
I RESPONSIBLE FOR N	2	0	0	1	↓ 1	4
I TWO OR MORE ROW?	50.00%	0.0 %	0.0 %	25.00%	25.00%	100.00%
II COLX	4.44%	0.0,%	0.0 %	0.20%	1.79%	0.66%
а. •	l	l	l 1 I	·	I I I	ļi.
II NO RESPONSE N	29	11	0	338	41	419
II ROWZ	6.92%	2.63%	0.0 %	80.67%	• 9.79%	100.00%
II COLX	64.44%	64.71%	0.0 %	69.26%	73.21%	69.03%
11 0	l	l (1	- 11	11
862222222222222222222222222222222222222						
11 .				1	11	11
II TOTAL N	45	17	11	488	56	607
II ROWX	7.41%	2.80%	0.16%	80.40%	9.23%	100.00%
	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
II.					lt II	11

CHI-SQUARE= 24.4997

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(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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ERIC

STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1978 GRADUATES

ALLERGIC REACTION

	_		PRAC	TICE EXPE	RIENCE		
	1	TREATH	TREATH	1. I	NO I	NO 11	· · · · · · · · · · · · · · · · · · ·
STUDENT EXPÉRIENCE	1	OFFICE	HOSPITAL	REFERRED	CONTACT	RESPONSELL	TOTAL 11
11	1	. I	. 1	1	. 1	– , H	11
II SEEN PRESENTA-	N	52 I	3	οI	17	5	77
TION OF PATIENT	ROM%	67.53%	3.90%	0.0 %	22 .08 %	6.49%]]	100.00%11
11	COLXI	12.94%	8.82%	0.0 %	12.41%	17.24%	12.69%
11	1	I	• 1	1	1	• 11	11
I HELPED TREATMENT	. NI	23 I	4	0	2	0 []	29
OF PATIENT	ROW%	79.31%	13.79%	´ 0.0 %	6.90%	0.0 %	100.00%
Ъ.	COLXI	5.72%	11.76%	0.0 %	1.46%	0.0 %	4.78%
Ϊ.	·]		· •]	·	ł		
RESPONSIBLE FOR	'N]	67	12	2	15 I	11	107
ONE PATIENT	ROW2	62.62%	11.21%	. 1.87%	14.02%	10.28%	100.00%
11 0	COLXI	16.67%	35.29%	40.00%	10.95%	37.93%	17.63%
11	I	1		1	~	- H	· · · · · · · · · · · · · · · · · · ·
RESPONSIBLE FOR	N	53	1	0	19	0	73
I TWO OR MORE	ROW2	72.60%	1.37%	0.0 %	26.03%	0.0 %	100.00%
11	COLXI	13.18%	2.94%	0.0 %	13.87%	0.0 211	12.03%
H	ł	1				- 11	11
I NO RESPONSE	N	207	14	3	- 84	13	321
11	ROW%	64.49%	4.36%	0.93%	26.17%	4.05%	100.00%
11	COLXI	51.49%	41.18%	60.00%	61.31%	44.83%	52.88%
11	1	1				11	11
***********************	20 2 020						
11	ł	·	l, i			11	11
TOTAL .	NI	402	34	5	137	29	607
11	ROWX	66.23%	5.60%	0.82%	22.57%	4.78%	100.00%
Π.	COLXI	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
11	I	1	. 1		1	11	11 II.
*****************	202002	202222000	188888888	22222222		8222222222	*********

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CHI-SQUARE= 38.9699 (NOTE: EXPECTED CELL FREQUÊNCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)





STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS Compared with Practice experience after graduation

1978 GRADUATES.

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		·	PRAC	TICE EXPE	RIENCE		·
,	I	TREATH	TREATH I		NO I	NO II	. H
STUDENT EXPERIENCE		OFFICE	<u>HOSPITALI</u>	REFERREDI	CONTACT	RESPONSELL	TOTAL 11
TT -	1	I	I	I	្នុះ 🖡	E E	. · · • • • • • • • • • • • • • • • • •
II SEEN PRESENTA-	N	9	4	0	135	15	163
II TION OF PATIENT	ROW%	5.52%	2.45%	0.0 %	82.82%	9,20%	100.00%
H (COLXI	28.13%	16.67%	0.0 %	27.66%	25.86%	26.85%
II .	- 1	1	, I	I	1	11	11
II HELPED TREATMENT	N	0	1	0	10	0	. 11
II OF PATIENT	ROW%	0.0 %	9.09%	0.0 %	90.91%	0.0 %	100.00%
11	COL%	0.0 %	4.17%	0.0 %	2.05%	0.0 XII	1.81%
H .	E	1		I	1	11	11
I RESPONSIBLE FOR	N	0	0	0	9	0	9 H
I ONE PATIENT	ROW%	0.0 %	0.0 %	0.0 %	100.00%	0.0 %	100.00%
II (COLZI	0.0 %	0.0 %	0.0%	1.84%	0.0 %	1.48%
II ,	- 1	1 I I	I	. I	I	11	11
I RESPONSIBLE FOR	N	2	0	0	1	1	4
TH TWO OR MORE	ROW%	50.00%	0.0 %	0.0,%	25.00%	25.00%	100.00%
11 0	COL%I	6.25%	0.0 %	0.0 %	0.20%	1.72%	0.66%11
-11	- 1	l l	· • •	I	I	11	·
II NO RESPONSE	N	21	19	5	333	42	420 11
11	ROW%	5.00%	4.52%	1.19%	79.29%	10.00%	100.00%
- 11	COL%I	65.63%	79.17%	100.00%J	68.24%	72.41%	69.19%
ft	- 1	· 1	•	I	I	11	. 11
325555555555555555555555555555555555555	22082:	30900000			888888 <u>8</u> 88		222222222
II.	1	1	I	` I	., I		<u> </u>
II TOTAL	Ы	- 32	24	5	488	1 58 H	607
14 1	ROW%	5,27%	3.95%	0.82%	80.40%i	9.56%	100.00%
11	COLXI	100.00%	100.00%	100.00%	100.00%	100.00%[]	100.00%
11	I	1	. I	۱° ک	1 - E	11	H

CHI-SQUARE= 26.36875

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(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1978 GRADUATES

HYPERACTIVITY

· ·		•	PRAC	TICE EXPE	RIENCE		, u
	ī	TREATH	TREATH	1	ND T	NO 14	. 11
STUDENT EXPERIENCE	L	OFFICE IN	OSPITAL	REFERRED	CONTACT	RESPONSE	TOTAL 11
11	1	I	I	1	1	11	11
11 SEEN PRESENTA-	Ы	49 1	7	2	53	11	122
I TION OF PATIENT	ROWZI	40.16%	5.74%	1.64%	43144%]	9.02%11	100.00%
11	COLXI	17.25%	21.21%	16.67%	22.8471	23,91%	20.10%
11	I.	1	1	I	1	۱۱	11
II HELPED TREATMENT	์ พโ	15	21	1	° 11	2 11	31
I OF PATIENT	ROWX	48.39%	6.45%	3.23%)	35.48%	6.45%11	100.00%
11	CDLXI	5.28%	6.06%	8.33%	4.74%	4.35%11	5.11%
11	1	1	. I	1	. 1	11	11
11 RESPONSIBLE FOR	ы	37	4	3	18	3 11	65 11
11 ONE PATIENT	ROWZI	56.92%	6.15%	4.6221	27.69%	4.62%	100.00%11
	CDL%1	13.03%	12.12%	25.00%l	7.76%	6.52%[]	10.71%
- II	1	1	1	1	. 1	11	11
I RESPONSIBLE FOR	Ы	7	0 1	2	4 1	1	14
I TWO OR MORE	ROWZI	50.00%1	0.0 %	14.29%	28.57%	7.14%11	100.00%[]
11	COLXI	2.46%	0.0 %	16.67%	1.72%	2.17%	2.31%
11	· • 1	I	1	.1		• 11	11
I NO RESPONSE	∿n	176	2.0	4	146	29	375
11	ROWZ	46.93%	5.33%	1.07%	38.93%	7.73211	100.00%
11	COLXI	61.97%	60.61%	33.33%	62.9371	63.04%	61.78%
с. П	1	1	1		l · · 1	11	
000000000000000000000000000000000000000			888888888				000000000
· II · · · ·	, I	1		I 1		11	11
II TOTAL	Ы	284	33	12	232 -	96 11	607 11
11	ROWZI	46.79%	5.44%	1.98%	38.22%	7.50%	100.00%
11	COLX	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%11
. 11				1	1		11
000000000000000000000000000000000000000	0000000			0000000000			2000000000

CHI-SQUARE= 22.7947

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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STUDENT EXPERIENCE WITH HANOICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1978 GRADUATES

OTHER BEHAVIOR PROBLEMS

	_		PRAC	TICE EXPE	RIENCE		
•	1	TREATH	TREATH		NO I	NO II	
STUDENT EXPERIENCE		OFFICE	HOSPITAL	REFERRED	CONTACT	RESPONSELL	TOTAL !!
11	1	1	[1	11	11
II SEEN PRESENTA-	ŇІ	44 I	9	4 1	37	9-14	103
II TION OF PATIENT R	OMX	42.72%	8.74%	3.88%	35.92%	8.74%	100.00%
11 C	0L%	14.01%	22.50%	28.57%	20.67%	15.00%	16.97%
11	1	1	1 1			· • • • • • • • • • • • • • • • • • • •	l I L
II HELPED TREATMENT	N	17	1	· · · 1	7	3	29 I I
II OF PATIENT R	ICMN	58.62%	3.45%	3.45%	24.14%	10.34%	100.00%
11 C	:0L%	5.41%	2.50%	7.14%	3.91%	5.00%11	4.78%
11	1	1	1			14	11
RESPONSIBLE FOR	ы	37 I	5	11	17	3	63
11 ONE PATIENT R	ICMN I	58.73%	7.94%	1.59%	26.98%	4.76%	100.00%]
11 0	:0L%	11.78%	12.50%	7.14%	9.50%	5.00%	10.38%
11	1	1	1		• 1	11	11
I RESPONSIBLE FOR	ы	34 I	0 1	2	6	2	44 11
II THO OR MORE R	I XHON	77.27%	0.0 %	4.55%	13.64%	4.55%	100.00%
11 c	:0L%	10.83%	0.0 %	14.29%	3.35%1	3.33%	7.25211
 	1	t?	1		I	11	11
I NO RESPONSE	Ы	182 I	25	6	112	43 11	368
11 R	IOMX	49.40%	6.79%	1.63%	30.43%	`11.68% 	100.00%
[/] G	:0L%	· 57.96%	62.50%	42.86%	62.57%	71.67%	60.63%
1f	1	1	1		· 1	11	, II
459000000000000000000000000000000000000		000000000	000000000	00000000000	000000000000	000000000	88888888888
11	1	I	l		ł	11	11
II TOTAL	- 11	314	40	14	179	60	607
11 R	IOMX	51.73%	6.59%	2.31%	29.49%	9.88%[]	100.00%
11 0	0L%	100.00%	·100.00%	100.00%	100.00%	100.00%	100.00%
11	1	I	1		· I	11	11
***************************************	10000				22222222		888888888888888888888888888888888888888

CHI-SQUARE= 25.7636

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)



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STUDENT EXPERIENCE WITH. HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

1978 GRADUATES

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LEUKEMIA

				PRACT	ICE EXPE	RIENCE		<u> </u>
	~ • •	Ī	TREATH	TREATH		NO	NO H	- 11
S	TUDENT EXPERIENCE	<u> </u>	OFFICE I	OSPITAL	EFERRED	CONTACT	RESPONSE	TOTAL 11
11			-	I	l. I	. 1	11	11
11	SEEN PRESENTA-	NI NI	29	19	0 1	116	18	182
11	TION OF PATIENT	ROW2	15.93%	10.44%	0.0.%	63.74%	9.89%	100.00%
ii		COLZI	28.71%	38.00%	0.0 %	28.71%	35.29%11	29.98%
ii		1	. k	1	· 1	a. 1		- 11
11	HELPED TREATMENT	N	. 01	3	0	8	1 11	12
ii	OF PATIENT	ROWX	0.0.%	25.00%	0.0 %	66.67%	8.33%	100.00%
11		COLXI	0.0 %	6.00%	0.0 %	1.98%	1.96%	1.98%
ii.		1	4	1			* 11	11
	RESPONSIBLE FOR	NI	3	0	0 1	8	1	12
ii	ONE PATIENT	ROWZ	25.00%	0.0 %	0.0 %	66.67%	8.33%11	100.00%
		COLX	2. 32/.1	0.0 %	0.0 %	1.98%	1.96%	1.98%
11		1	1	1	1	1	11	11
ii	RESPONSIBLE FOR	N	· 11	0 1	0	0	0 11	1
	TWO OR MORE	ROW2	100.00%	0.0 %	0.0 %	0.0 %	0.0 %	100.00%
11		COLXI	• 0.99%	0.0 %	0.0 %	0.0 %	0.0 %11	0.16%
		1	1	1	1		. · · · · · · · · · · · · · · · · · · ·	11
11	NO RESPONSE	N	68	. 28	1	. 272	31	400 []
ii.		ROWZ	17.00%	7.00%	0.25%	68.00%	7.75%	100.00%
11		COLXI	67.33%	56.00%	100.00%	67.33%	60.78%	65.90%
ii			1			I (· II	H
.001		2022222						
H	•	1	1			, 1		11
- ii	TOTAL	Ы	101	50	1	404	51	607 11
H		ROWZ	16.64%	8.24%	0.16%	66.56%	8.40%	100.00%
11		COLX	100.00%	100.00%	100.00%	100.00%	100.00200	100.00%
п		1	•				_	
						*********	32200 <u>0</u> 280000	2222262222

CHI-SQUARE= 16.0341

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

Full Text Provided by ERIC

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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION × ,

1978 GRADUATES

OTHER BLOOD DYSCRASIAS

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		_		PRAC	TICE EXPE	RIÈNCE		·
		1	TREATM	TREATH	1	NO 1	NO	- 11
	STUDENT EXPERIEN		OFFICE	HOSPITAL	REFERRED	CONTACTI	RESPONSELL	TOTAL 11
11		- 1	1	1	1	1	ا ارم	11
11	SEEN PRESENTA-	N	48	17	i	80 1	13	159
11	TION OF PATIENT	ROWX	30.19%	10.69%	0.63%	50.31%	8.18%	100.00%
11	•	COL%	34.04%	34.00%	16.67%	22.60%	23.21%	26.19%
Ш		• 1	1	I	1	1	11	· 11
11	HELPED TREATMENT	NI	· • 5	2	11	6	1	15
11	OF PATIENT	ROM%	33.33%	13.33%	6.67%	40.00%	6.67%	100.00%]
11		COL%	3.55%	4.00%	16.67%	1.69%	1.79%	2.47%11
11		- 1	1	1	I	1	11	11
11	RESPONSIBLE FOR	N	4 1	1	0	7	· 1 H	13
Î١	ONE PATIENT	ROW%	30.77%	7.69%	0.0 %	53.85%	7.69%	100.00%}
11		COL%	2.84%	2.00%	0.0 %	1.98%	1.79%	2.14%
11		1	1	· 1	1	1	11	. H
11	RESPONSIBLE FOR	N1	1	0 1	- 01	3	0 11	4 -11
11	THO OR MORE	ROW%	25.00%	0.0 %	0.0 %	75.00%	0.0 %11	100.00%
-11		COL%	0.71%	0.0 %	0.0 %	0.85%	0.0 %11	0.66%11
11		- 1	1	1		1		11
11	NO RESPONSE	NI	83	30	4	258	41	416 .
11		ROWX	19.95%	7.21%	0.96%	62.02%	9.86%	100.00%
11		COLX	58.87%	60.00%	66.67%	72.88%	73.21%	68.53%11
- 11		ĺ	1	1	1	1	11	11
201	000000000000000000000000000000000000000	800000						
11		1	1	1	- 1	_ _	11	11
11	TOTAL	N	141	50	6	354	56 1	607 11
11		ROWXI	23.23%	8.24%	0.99%	58,32%	9.23%11	100.00%
11	•	COL%	100.00%	100.00%	100,00%	-100.00%	100.00%	100.00%
11		- 1	1	1	i i	1	11	-11

 >
 CHI-SQUARE=
 18.6943

 (NOTE:
 EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS COMPARED WITH PRACTICE EXPERIENCE AFTER GRADUATION

. 1978 GRADUATES

BRAIN TUMORS

			PRAC	TICE EXPE	RIENCE		
·	ī	TREATH	TREATH		NO I	NO II	11
CTUDENT EXDEDTENCE	i	OFFICE I	OSPITAL	REFERREDI	CONTACT	RESPONSELL	TOTAL 11 .
		<u></u>			- 1	Ĥ	11
II eccu DECENTA-	มไ	21	8	2	115 I	13	159
I SEEN PRESENTA-	nuvl	13.2121	5.03%	1.26%	72.33% I	8.18%	100.00%
IN ITON OF PATIENT	ואט	23.60%	24.24%	50.00%	27.00%	23.64%]	26.19%
	1	1.000	· · · · ·		1	11	γ II
	T.		1		4	0.11	5
I HELPEU IREAIMENT		0 0 7	20.00%	0.0 %	80.00%	0.0 %11	100.00211
II OF PAILENI R	0121	0.0 %	3.032	0.0 %	0.94%	0.0 %11	0.82%
		0.0 //	5105/1			11	11
		1	1	, . 	8	1	14 11
IN RESPONSIBLE FOR	111	00 E7VI	7 147		57.14%	7.14%	100.00%
I ONE PATIENT R		20.31AI	3.037	1 0.0 2	1.88%	1.82%	2.31%
11		4.47/1	3105/	1 010		11	11
11	1		•	, * .n	· ·	0 II	1
RESPONSIBLE FOR	A NI	1 1	007	1 0 0 7	, o.o.%	0.0 %	100.00%
I TWO OR MORE R	OWXI	100.00/1	0.0 %	1 0.0 %		i o.lo xii	0.16%
	:0L%I	1.12%1	0.0 %	1 0.0 %		1	11
		ا ر ب ر		1 1 9	1 299	41 1	428 11
II NO RESPONSE	NI.	65 1	E 777	1 6 1 0 677	69 862	9.58211	100.00%
• • •	20W%	14.7271	3.3/4	1 EO 007	1 70 19%	74.5521	70.51%
- · · · C	:01%1	70.79%1	69.70%	1 20100/	1 /01	1	11
H .	1				•		
555555 <u>5555555555555555555555555555555</u>	10000	222222222		1	1		· · II
11 -	1			і. І. А.	1 494	. 55 L	607 11
11 TOTAL	NI	89	i • 53	1 9 1 0 4 4 14	1 70 144	1 9.0621	100.00%11
۲ <u>اا و</u>	KOMX	14.66%	5.44%	1 100 00%	1 74.400	1 100.0021	100.00%11
11		100.00%	,100.00%	1 100.00%	1 1. 100.00%	1 TOOLOOVI	
11	ļ		l 	1			

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CHI-SQUARE=

13.2297 (NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS Compared With Practice Expérience After Graduation

1978 GRADUATES

SARCOHAS

	PRACTICE EXPERIENCE						
	1	TREATH	TREATH	1	NO I	NO II	11
STUDENT EXPERIENCE		OFFICE	HOSPITAL	REFERRED 1	CONTACTI	<u>Response </u>	TOTAL 11
11 0	1	1	1	• 1	1	11	11)
II SEEN PRESENTA-	· • • • • • • • • • • • • • • • • • • •	18	• 9	- 41	129	19 11	179 11
II TION OF PATIENT	ROHZ	10.06%	5.03%	2.23%	72.07%	10.6121]	100.00%
11	COLXI	28.13%	32.14%	66.67%	28,92%	30.16%	29.49%
11	1	, 1			1	11	11
I HELPED TREATMENT	N	21	0	0	64	2	10
11 OF PATIENT	ROMX	20.00%	0.0 %	0.0 %1	60.00%	20.00%11	100.00%
11	COL%	3.13%	0.0 %	0.0 %1	1.35%	3.17211	1.65%[]
.11	1	1	1	1	1	11	11
I RESPONSIBLE FOR	NI	2	0	0	2	1	5 11
I ONE PATIENT	RON%	40.00%	0.0 %	0.0 %	40.00%	20.00%11	100.00211
11	COLXI	3.13%	0.0 %	0.0 %	0.45%	1.59%]]	0.82211
11	1	1	1	1	1	. 11	11
I RESPONSIBLE FOR	ท1	1 1	0	0	0	ς ο II	1
I THO OR MORE	ROHX	100.00%	0.0 %	0.0 %	0.0 XI	0.0 %11	100.00%]]
11 .	COLZI	1.56%	0.0 %	0.0 %1	0.0 %	Do.o 211	0.16%
11 .	· 1	1		1	1	11	11
11 NO RESPONSE	11	41	19	2	309	41	412
11	ROHX	9.95%	4.61%	0.49%	75.00%	9.95%11	100.00%
11	COL%	64.06%	67.86%	。33 . 33%l	69.28%	65.08%11	67.87211
11	1	1	· · · ·	1	ľ		11
000000000000000000000000000000000000000	000000	000000000	acossação	000000000	0000000000	000000000000000000000000000000000000000	500505050
í1	1	1	1	1	1	11	11
II TOTAL	NI	64 I	28	6	. 446	63 <u>[</u>]	607 11
11	ROW/	10.542	4.61%	0.99%	73.48%	10.38%	100.00211
11 2	COLXI	100.00%	100.00%	100.00%	100.0021	100.00200	100.00211
11	1	1	1	1	I	11	° 11
000000000000000000000000000000000000000		0000000000	00000000000		000020000		2002200930

CHI-SQUARE= 21.0067

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS Compared with Practice experience after graduation

° 1978 GRADUATES

SQUAMOUS CELL CARCINOMA

- /			PRAC	TICE EXPE			
• · · · ·	1	TREATH	TRÊATM	1	NO I	NO 11	11 J. 11
STUDENT EXPERIENCE		OFFICE	HOSPITAL	REFERREDI	CONTACT	RESPONSE	TOTAL 11
	1	i	I	· I	- 1 I	. 11	11
SEEN PRESENTA-	NI	. 27	18 į	4	101	18	168
TION OF PATIENT	ROW%	16.07%	10.71%	2.38%	60.12%	10.71%	100.00%
11	COL%1	24.32%	33.33%	25.00%	27.01%	34.62%11	27.68%
1 h	1		I	1	I	1.1	· 11
HELPED TREATMENT	- Nİ	8	3	2	23	3 11	39
11 OF PATIENT	ROWX	<u>20</u> ,51%	7.69%	5.13%	58.97%	7.69%[]	100.00%11
11	COL%	7.21%	5.56%	12.50%	6.15%	5.77%	6.43%
11	1	1	· · · 1	I	 	· · · · · · · · · · · · · · · · · · ·	·
11 RESPONSIBLE FOR	NI	3	3	0. I	14	1	21
11 ONE PATIENT	ROW%	14.29%	14.29%	0.0 %	66.67%	4.76% }	100.00%[
11	COL%1	2.70%	5.56%	0.0 %	3.74%	1.92%	3.46%[]
11 " , , , ,	1	<u>ا</u> ، ا	I	1	1	· – – – – – – – – – – – – – – – – – – –	. 11
RESPONSIBLE FOR	· NJ	1	0	0	1	0	2 1
I TWO OR MORE	ROW%	50.00%l	0.0 %1	0.0 %	50.00%1	0.0 %	100.00%
11.0	COL%1	0.90%	0.0 %1	0.0 %	0.27%1	0.0 %	0.33%
11	I	۲ ا	I	I	. I	11	11
I NO RESPONSE	Ы	72	30 I	10	235	30	377 11
°11.	ROM%	19.10%	7.96%	2.65%	62.33%	7.96%	100.00%
11	COL%	64.86%	55.56%	62.50%	62.83%	57.69%11	62.11%
11	. 1	1	Ĩ	I	× 1		11
=======================================		=========		22222222		=======================================	
11			1	1			11
II TOTAL	N	• 111	54	16	374	52	607
11 ?	ROW%	18.29%	8.90%1	2.64%	61.61%	8.57%	100.00%)
11	COLXI	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
11	1	1	1	. 1	l .	I. 11	

CHI-SQUARE= 7.3642

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(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)



STUDENT EXPERIENCE WITH HANDICAPPED PATIENTS Compared with Practice Experience After Graduation

1978 GRADUATES

OTHER NEOPLASM

	PRACTICE_EXPERIENCE						
,	1	TREATM	TREATM		NO 1	NO 11	11
STUDENT EXPERIENCE		OFFICE	HOSPITAL	REFERREDI	CONTACT	RESPONSE	TOTAL !!
11	1	1		1	· . 1	11	II
11 SEEN PRESENTA-	NÌ	49	18	7	- 60	22	156
11 TION OF PATIENT	ROW%	31.41%	11.54%	4.49%	38.46%	14.10%	100.00%
11 .	COL%	26.20%	37.50%	50.00%	20.00%	37.93%	25.70%
11	1		° 1		- 1	11	
HELPED TREATMENT	N	12	0	0	13	2 11	27
OF PATIENT	ROW%	44.44%	0.0 %	0.0 %	48.15%	7.41%	100.00%
11	COL%]	6.42%	0.0 %	0.0 %	4.33%	3.45%	4.45%11
11	1	1	l . 1	1	1	11	· - 11
RESPONSIBLE FOR	N	11	2	0 j	8 1	1	. 22 11
II ONE PATIENT	ROM%	50.00%	9.09%	0.0 %	36.36%	4.55%	100.00%
11	COL%	5.88%	4.17%	ó.o %	2.67%	1.72%	3.62%
11 .	1	1		I	Ì I		11
RESPONSIBLE FOR	N	7	- 0 	0	5	0	, 12
II TWO OR MORE	ROM%	58.33%	0.0 %	0.0 %	41.67%	0.0 %]]	100.00%[]
11	COLX	3.74%	0.0 %	0.0 %]	1.67%	0.0 %]]	1.98%[]
H 1)	· 1	- * - I	1	1	· 11	11
II NO RESPONSE	N	108	28	7	214	33	390
11	ROM%	27.69%	7.18%	1.79%	54.87%	8.46%]]	100.00%
11	COĽ%]	57.75%	, 58.33%]	50.00%	71.33%	56.90%]]	64.25%]]
11 .	1	I	· 1	· 1	1	11	11
**********************	======		=============	=======	==================		*******
11	1	1	I	1	1	11	11
II TOTAL	N]	187	48	14	300	58	607
11 12	ROW%	30.81%	7.91%	2.31%	49.42%	9,56%]]	100.00%
II	COL%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
• 5	· 1	1	1	1	1	11	· · · · · 11
	======						

CHI-SQUARE= • 32.2779

(NOTE: EXPECTED CELL FREQUENCIES OF LESS THAN 5 HAVE BEEN USED IN THE CHI-SQUARE CALCULATION)

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Of those who had assisted in treatment, "office treatment" had the largest entry for only 14 conditions, and of those who had only seen a presentation "office treatment" was the preferred disposition for only 11 conditions.

Tables 18-1 through 18-37 shows the corresponding data for the 1978 graduates, and a similar pattern emerges. Those who as students had treated two or more patients with a particular handicap were most likely to give office treatment to patients with that handicap. For 23 of the 37 conditions "office treatment" was the disposition most often reported by that category of graduate. Of those who had treated one patient, there were 16 conditions where "office treatment" was the preferred disposition. Of those who had assisted in treatment, "office treatment" was the preferred disposition for only 14 conditions, and of those who had only seen a presentation "office treatment" was the preferred disposition for only 14 conditions.

Clinical experience with handicapped patients while in dental school, it may be concluded, is highly important for improving access to dental care for the handicapped.

Table 19 examines the effect of "hands on" experience in school with selected handicapping conditions in relation to treatment of those conditions after graduation. The graduates who reported that they had only "seen a presentation" of a particular condition are compared with those who said they had treated two or more patients with that condition. For nine out of the ten conditions, a Marger percentage of the 1976 graduates who had treated patients in school reported treating patients with that condition in practice than did those who had conly seen a presentation. Of the 1978 graduates, this held true for eight out of the ten conditions.

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Table 19

Percent of dentists who reported treating patients with selected handicapping conditions compared with in-school experience with that condition, by year of graduation

Handicap

-	1976				1978				
•	+ Saw Presentation		Tre two o	Treated two or more		sentation '	Tre two o	ated r.more	re_
	7	N	<u>×</u>	N	<u>×</u>	N	<u>%</u>	N	,
Mental retardation	68	122	79	63	71	103	72	102	
Cerebral palsy	37	195	40	20	39	144	50	32	
Epilepsy	84	. 152	80	30	.76	· 113	80	41,	
Stroke (including facial paralysis)	60	194	67	9	57	155	57	7	•
Spinal cord injuries	26 ·	195	40	5	. 26	154	50	8	
Multiple sclerosis	21	205	33	3	32	153	44	9	
Muscular dystrophy	13	195	75	4	17	163	20	5	
Multiply-handicapped	39	164	64	22	31	118	48	-29	
The Nursing-home patient	4 0	167	50	16	41	137	53 _.	30	
Cleft palate (and cleft lip)	46	212	66	9	42	186	29	7	
Average	43	-	59		43		50	•	

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Over the ten conditions an average of 43 percent of those who had seen a presentation treated patients in practice, for both 1976 and 1978 graduates. An average of 59 percent of the 1976 graduates and 50 percent of the 1978 graduates who had treated two or more patients in school also treated such patients in practice.

Table 20 examines the number of different handicapping conditions treated in relation to clinical experience with handicapped patients in school. It should be noted that for the funded schools, the number of 1976 and 1978 graduates reporting no such clinical experience decreased considerably from the 1974 figures, while there was a corresponding increase in the number who reported treating two or more handicapped patients.

Of those without clinical experience in school, fewer than 27 percent of: the 1974 graduates of funded schools reported that they had treated 16 or more different handicapping conditions. Almost 40 percent of the 1978 graduates said they had treated that many. In comparison, one-third of the 1978 graduates of non-funded schools had treated 16 or more conditions.

Sixteen percent of the 1974 graduates of the funded schools had treated five or fewer handicapping conditions, while the figures for 1978 graduates increased to 20 percent. Probably most of the 1978 graduates who did not have clinical experience in school had a definite aversion to treating handicapped patients, and carried this over into their practice. In comparison, less than 9 percent of the 1978 graduates of the non-funded schools had treated five or fewer handicapping conditions.

Of those who had treated two or more handicapped patients while in school, slightly less than 30 percent of the 1974 graduates from the funded schools had treated 16 or more different conditions. For the 1978 graduates, the percentage

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TABLE 20

Relationship of Reported Clinical Experience in School to Number of Different Handicapping Conditions Treated in Practice For Graduates of Funded and Non-Funded Schools, in Per Cent

.

Number of Handicapping	Fun	ided Scho	015	Non-Funded Schools		
<u>in Practice</u>	1974	<u>1976</u>	1978	<u>1976</u>	<u>1978</u>	
\$						
· · · · · · · ·		No Cl	inical Exper	ience in School	•	
	N=185	N=58	N=56	N=212	N=169	
21 +	9.7	8.6	10.7	8.5	11.8	
16 - 20	16.8	12.1	28.6	15.1	21.3	
11 - 15	36.8	44.8	23.2	36.8	36.7	
. 6 - 10	20.5	20.7	17.9	25.5	21.3	
. 1 - 5	11.4	5.2	14.3	9.5	4.1	
0	4.9	8.6	• 5.4	4.7	4.7	

	-		Treated One	Handicapped	Patient in Scho	<u>io1</u>
•	•	, N=81	N=112	N=95	N=79	№=107
21 +		4.9	9.8	17.9	16.5	14.0
16 - 20	•	22.2	27.7	21.1	- 16.5	25.2
11 - 15		28.3	25.9	34.7	26.6	32.7
6 - 10	•	18.5	25.0	17.9	25.3	15.9
1 - 5		11.1	8.0	4.2	5.1	7.5
0	*	4.9	3.6	4.2	10.1	4.7

, **1**

	Tre	ated Two or	More Handi	capped Patients	in School
	• N=	•213 N=41	0 N=449	N=155	N=142
21 + ^j	• 7	7.5 14.9) 12 .2	16.1	21.8
16 - 20	. 21	19.5	5 27.6	20.0	31.7
11 - 15	33	3.3 29.5	5 28.3	27.7	25.4
6 - 10	, 22	2.5 21.7	19.4	18.7	14.1
1 - 5	8	3.5 7.8	6.5	. 11.0	2.8
0 · ·	• 7	7.0 6.6	5.6	6.5	. 4.2

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had increased to just over 40. In comparison, of the 1978 graduates at the non-funded schools, over 50 percent had treated 16 or more conditions. More than 15 percent of the 1974 graduates of the funded schools reported treating five or fewer different conditions. For the 1978 graduates, the comparable figure was 12 percent. However, only seven percent of the 1978 graduates of the non-funded schools reported treating five or fewer conditions. It seems likely that at the non-funded schools, those students who treated two or more handicapped patients would be primarily those who were particularly interested in treating the handicapped, and that they carried this interest over into their practice. At the funded schools considerable effort was made to have as many students as possible treat several handicapped patients whether or not this was a particular interest.

Table 21 shows breadth of experience in treating selected related conditions in the office in relation to reported clinical experience in school, for graduates of funded and non-funded schools. The first section of the table covers the grouping of mental retardation and autism.

Relatively few graduates in any category reported treating both conditions, which might be expected, since autism is not encountered as frequently as mental retardation. Of those with no clinical experience in school, 58 percent of the 1974 graduates from funded schools had treated one or both conditions, and the figure increased somewhat to almost 61 percent for the 1978 graduates. The comparable figure for the 1978 graduates of non-funded schools was 58 percent.

. Of those graduates who had treated two or more handicapped patients in school, 53 percent of the 1974 graduates of the funded schools had treated one or both conditions. Slightly more than 63 percent of the 1978 gradautes had treated one or both conditions. For the 1978 graduates of non-funded schools the figures was a little higher at more than 67 percent.

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Breadth of Experience in Treating Selected Related Conditions in the Office in Relation to Reported Clinical Experience in School in Per Cent

A. 'Mental Retardation and Autism

Non-Funded Schools Funded Schools 1974 1976 1976 1978 <u>1978</u> No Clinical Experience in School N=56 N=58 N=212 N=169 N=185 2.2 Treated both conditions 5.2 2.4 1.7 3.6 57.1 49.5 45.3 55.6 Treated one condition 62.1 \$ 42.0 39:3 Treated neither condition 42.2 36.2 Treated One Handicapped Patient in School N=79 N=107 N=81 N=112 N=95 1.3 55.7 43.0 6.3 54.7 5.6 Treated both conditions 3.7 1.8 51.9 54.2 Treated one condition 60.7 40.2 39.0 Treated neither condition 44.4 37.5

	Ireated Iwo	Or More	Handicapped	Patients in 5	<u>cnoo1</u>
N=213	N=410	N=449		N= 155	· N=142
2.4	6.3	4.0		3.2	1.4
50.7	57.3	59.5		60.0	66.2
47.0	36.3	36.5		36.8	32.4

3

Cerebral Palsy, Stroke, Parkinsonism, Spinal Cord Injuries, Multiple Sclerosis, and Muscular Dystrophy 8.

•	Fu	nded Scha	ols .	Non-Funded_Schools		
	1974	1976	1978	<u>1976</u>	<u>1978</u>	
		No	Clinical Exper	ience in School		
,	N=185	N⇒58	N=56	N=212	N⊐169	
Treated 5 or 6 conditions	4.3	0	5.4	2.8	3.0	
Treated 3 or 4 conditions	16.8	17.2	21.4	15.1	20.1	
Treated 1 or 2 conditions	42.2	51.7	41.1	50.5	54.4	
Treated no condition	36.8	31.0	32.1	31.6	22.5	
•		Treate	d One Handicap	ped Patient in Schoo	1	
, ,	N=81	N=112	N=95	N=79	N⇒107	
Treated 5 or 6 conditions	0	3.6	8.4	3.8	0.9	
Treated 3 or 4 conditions	16.1	19.6	24.2	20.3	17.8	
Treated 1 or 2 conditions	59.3	47.3	48.4	44.3	54.2	
Freated no condition	24.7	29.5	19.0,	31.7	27.1	
, a	Tr	eated Two	or More Handi	capped Patients in S	ichool	
0	N⇒213	N=410	N=449	N=155	N=142	
Treated 5 or 6 conditions	1.9	4.1	3.8	3.9	- 8.9	
Treated 3 or 4 conditions	12.7	17.8	22.7	19.4	24.7	
Treated 1 or 2 conditions	46.5	49.0	48.1	45.8	47.9	
Treated no condition	39.0	29.0	25.4	31.0	17.6	
		с ЛА	9	251	,	
		·∠0	3-	The state of the second s		

TABLE 21

Treated both conditions Treated one condition Treated neither condition

Treated 5 Treated 3 Treated 1 Freated n

Treated 5 Treated 3 Treated 1 Treated n



C. Nursing Home Patients

Funded Schools				Non-Func	ied Schools
1974	197.6	1978	•	<u>1976</u>	<u>1978</u>
	No	Clinical	Experience	in School	
N=185	N=58	N=56	•	N=212	N=169
37.8 62.2	27.6 72.4	46.4 53.6	с	36.3 63.7	37•3 62•7
	<i>b</i> .	. р	*		

1

Treated this condition Did not treat this condition

Treated this condition Did not treat this condition

ø

	Treated	d One Hand	icapped Patie	ent in School	• •
N=81	N=112	` N⇒95		 N⊨79	N= 107
35.8 64.2	* 36.6 63.4	34.7 65.3	•	34.2 65.8	, 36.5 63.6

	' Tr	eated Two	or More	Handicapped	Patients in	School
· .		N=410	N=449		N=155	N=142
Treated this condition Did not treat this condition	28.6 71.4	30.0 .70.0	34.1 65.9	•	36.8 63.2	43.(57.(

D. Cleft Palate and Other Facial Deformities

	Fu	nded Sch	ools	Non-Funder		Schools
•	1974	1976	1978		<u>1976</u>	<u>1978</u>
		No	Clinical	Experience	in School	•
· ·	. N=185	N=58	N=56		N=212	N=169
Treated both conditions Treated one condition Treated neither condition	4.3 26.5 69.2	8.6 32.8 58.6	8.9 26.8 64.3		6.6 , 26.4 67.0	9.5 25.4 65.1

			Treated One Handicapped Patient in School			
	r	N=81	N=112	N=95	ha 79	N= 107
Treated both conditions Treated.one condition Treated neither condition	р •	4.9 32.1 63.0	8.9 35.7 55.4	8.4 30.5 61.1	11.4 19.0 69.6	10.3 29.0 60.8

	Tre	ated Two	or More Hand	icapped Patients in Sc	hool
	 N⊨213	N=410	N=449 ·	N=155	N⇒142
Treated both conditions Treated one condition Treated neither condition	8.9 32.4 58.7	8.8 35.4 55.9	8.2 30.3 61.5	14 .8 37 .4 47 .7	13.4 34.5 52.1

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For the grouping of cerebral palsy, stroke, Parkinsonism, spinal cord injuries, multiple sclerosis and muscular dystrophy, of those with no clinical experience in school, 4.3 percent of the 1974 graduates of funded schools had treated 5 or 6 of these conditions. Of the 1978 graduates, 5.4 percent had treated that many conditions. Of the 1978 graduates from the non-funded schools, the comparable figure was slightly lower at 3 percent. Almost 17 percent of the graduates of the funded schools reported treating 3 or 4 of these conditions, while over 21 percent of the 1978 graduates had done so. For the,1978 graduates of the non-funded schools, the figure was almost as high at 20 percent. Of those who had treated two or more handicapped patients in school, less than two percent of the 1974 graduates of the funded schools reported treating 5 or 6 of these conditions, comparable with almost four percent of the 1978 graduates. The figure for the 1978 graduates of the non-funded schools was more than twice as high, at almost nine percent.

Almost 13 percent of the 1974 graduates of the funded schools reported treating 3 or 4 of these conditions, while nearly 23 percent of the 1978 graduates had done so. The figure for the 1978 graduates of the non-funded schools was higher once again, at 25 percent.

In the category of nursing home patients, of those with no clinical experience in school, 38 percent of the 1974 graduates of funded schools reported treating such patients, compared with over 46 percent of the 1978 graduates. Slightly more than 37 percent of the 1978 graduates of non-funded schools reported treating such patients.

Of those who reported treating two or more handicapped patients in school, almost 29 percent of the 1974 graduates of funded schools reported treating

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such patients, as did 34 percent of the 1978 graduates. The 1978 graduates of non-funded schools had a higher figure, 43 percent reporting treating such patients.

The fourth category of handicapping conditions is cleft palate and other facial deformities. Of those with no clinical experience in school, almost 31 percent of the 1974 graduates of funded schools reported treating one or both conditions, and this figure increased to almost 36 percent for the 1978 graduates. The figure for the 1978 graduates of non-funded schools was almost as high, at 35 percent.

Of those who reported treating two or more handicapped patients while in school, 41 percent treated one or both conditions. The 1978 graduates reported a slightly lower figure, at 38.5 percent. The figure for the graduates of non-funded schools was higher at 48 percent.

Conclusions

In summary, the data support the conclusion that the overall goal of the program, increasing the availability of dental care for the handicapped, was accomplished. Since the graduates of non-funded schools report treating as many categories of handicapped patients as did the graduates of funded schools, it appears that factors other than the instructional efforts of the funded schools were at work. It is quite likely, though, that the existence of the program itself created at least some of these factors.



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Questionnaires used for follow-up survey of 1974, 1976, and 1978 graduates

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ERIC Prull Faxt Provided By ERIC APPENDIX A

QUESTIONNAIRE ON DENTAL TREATMENT OF THE HANDICAPPED

1974

Some parts of this questionnaire may not apply to you (if you are a graduate student, for instance), or you may have information or experiences that are not included here. Please feel free to use the margins, the backs of pages, or extra pages to include any explanations or additional comments you'd like to make, but do complete whatever parts apply.

First some questions about you and your practice

Please correct mailing address, if it is not correct

What month and year did you graduate from dental school? ____

What school? ______

How would you describe your current practice?

- (A) Self-employed professional practice
- (B) Professional partnership
- (C) Employed professional practice
- (D) Full-time residency or graduate training
- _____ (E) Research and/or teaching
- (F) Military service
 - (G) Other (specify)

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Below is a list of handicapping conditions. Please indicate by circling the appropriate letter what your experiences with each condition has been since graduation. If you have contacted more than one patient with the same condition, please indicate that, too.

, A. I have treated a patient with this condition in my office.

- 5. I have treated a patient with this condition in a hospital.
- C. I have had contact with such a patient, but referred him to another facility.

D. I have had no contact with this condition in my practice.

Nov Heny 1				How Hany?			•
	ABCD	1.	Mental retardation (including Down's ayndrome, hydrocephaly, and brain demoge)	A B	СD	20.	Thelidomids-induced deformities and similar malformations
	ABCD	2.	Cerebral palsy	AE	CD	21.	Diabetes and other andocrine dis- turbances
	ABCD	ʻ 3.	Blindness	AB	CD	22.	Hemophilis
	ABCD	· 4.	Desfnaas	AB	CD	2,3`.	Cardiopulmonary disease
	ABCD	5.	Epilepsy .	A B	CD	24.	Asthma
	ABCD	6.	Stroke (including facial paralysis)	A B	CD	25.	Atheroaclerosis
	ABCD.	7.	Perkinsoniam		Ç D	26.	Emphysens
	ABCD	₿.	Arthritis ²)	, .	CD	27.	Cyatic fibroais
1	ABCD	9.	Poliomyëlitie	K , N	CD	28.	Allergic reactions to drugs used in dental treatment
	ABCD	10.	Spinel cord injuries .		CD	29.	Autism
	ABCD	11.	Multiple sclerosis	Á B	C D	30.	Hyperactivity
	ABCD	12.	Muscular dystrophy	A 8	CD	31.	Other behavior problems
	ABCD	13.	Facial trauma from accidenta	A 8	CD	32.	Laukenis
		14.	Hultiply-handicapped	AB	CD	33.	Other blood dyscresies a
		12.	The numeroscient period	A 8	CD	•34.	Brain tumors
		17.	Claft palate (and claft lip)	AB	CD	35.	Serconse
6	ABCD	18.	Other graniofecial anomalies (includ-	AB	CD	36.	Squemous cell cercinoma (including maxillofecial prosthetics)
		10	ing microstomia and micrognathia)	A 5	СD	37.	Other naoplasms
		17.	VPINE UTITUE	2:	57		· · · · · · · · · · · · · · · · · · ·

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_ This is	a que	estion	out	your	ext	perie	ences	whi	le in s	chool	. P]	lease	2
estimate how	much	exposure	, you	had	to	the		of	dental	care	for	the	
handicapped:										·		•	

Course work:		Clini	cal expe	erience;	9
A. None at all		Α.	None at	all °	
B. Some mention in pas	ssing	Β.	Exposed but did	to one or not treat	more conditions,
C. Perhaps one specif	ic course	С.	Treated	a h an dica	oped patient
D. Several specific c	ourses	D.	Treated	two or mo:	re handicapped
φ.		P	patients	5 , [°] ,	(
Comment?					
Carlos Ca	n.	. 4	•	D	P
•			•		· · · ·
			•	<u>ه</u> د	:

Do you feel your attitude toward treating the handicapped was changed

by your school experience?

Yes Comment? _

Would you say you have:

No ____

A. Actively sought out opportunities to treat the handicapped?

an 2

B. Treated handicapped patients, when they appeared?

C. Generally avoided treating handicapped patients?

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Comment?

What steps do you feel are necessary to improve the nation's dental care of the handieapped? 2 Finally, we would be interested in any general comments you may have about your experience with handicapped patients: ø . â 259 -5-

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QUESTIONNAIRE ON DENTAL TREATMENT OF THE HANDICAPPED

1976

Some parts of this questionnaire may not apply to you (if you are a graduate student, for instance), or you may have information or experiences that are not included here. Please feel free to use the margins, the backs of pages, or extra pages to include any explanations or additional comments you'd like to make, but do complete whatever parts apply.

Please correct mailing address above, if it is not correct.

First some questions about you and your practice: How would you describe your current practice?

- (A) Self-employed professional practice
- (B) Professional partnership
- (C) Employed professional practice
- (D) Full-time residency or graduate training
- (E) Research and/or teaching
- (F) Military service
- G) Other (specify)_____

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Below is a list of handicapping conditions. Please indicate by circling the appropriate letter what your experiences with each condition has been since graduation. If you have been contacted by more than one patient with the same condition, and have made different dispositions, please indicate that, too. Please also indicate the total number of such patients with whom you have had contact.

A. I have treated.a patient with this condition in my office.

- B. I have treated a patient with this condition in a hospital.
- C. I have had contact with such a patient, but referred him to another facility.

D. I have had no contact with this condition in my practice.

~ #	•			
How Nany t	1.		How Many?	
\$	ABCD 1.	Mental retardation (including Down's syndrome, hydrocephaly, and brain damage)	A B C D 20. Thalidomide-induced deformiti similar malformstions	es and
	ABCD 2.	Cerebral paley	A B C D 21. Diabetes and other endocrine" turbances	dis-
	ABCD 3.	Blindnese	A B C D 22. Hemophilia	~
	ABCD 4.	Deafnasa	A B C D 23. Cardiopulmonary disease	
	ABCD 5.	Epilepsy	A B C D 24. Asthma	
	ABCD 6.	Stroke (including facial paralysis)	A B C D 25. Atherosclerosis	
	ABCD 7.	Parkinsoniam	A B C D 26. Emphysema	
	ABCD 8.	Arthricio	ABCD 27. Cystic fibrosis	
	ABCD 9.	Poliomyelitis	A B C D 28. Allergic reactions to drugs w dental treatment	sad in
1	ABCD 10.	Spinal cord injuries	A B C D 29. Autian	
	ABCD 11.	, Multiple sclerosis		
	ABCD 12.	Muscular dystrophy		
	A B C D 13.	Facial trauma from accidents	A B C D 31% Other behavior problems	
	ABCD 14	. Multiply-handicapped	A B C D 32. Leukemia	
	ABCD 15.	. The home-bound patient	A B C D 33. Other blood dyscrasias	
	ABCD 16	The nursing-home patient	A B C D 34. Brain tumors	
		dista colore fond clafe 1(p)	A B C D 35. Sarcomas	
		Clert palace (and clert lip)	A B C D 36. Squamous cell carcinoma (incl	uding
	ABCD 18.	 Other crsniofácial anomalies (includ- ing microstomia and micrognathia) 	maxillofacial prosthetics)	
	ABCD 19	. Spina bifida	A B C D 37. Other neoplasms	
1	1	•		

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This is a question about your experiences while in school. Please estimate how much exposure you had to the topic of dental care for the handicapped:

Course	work:	Clini	cal experience:
Α.	None at all	Α.	None at all
В.	Some mention in passing	В.	Exposed to one or more conditions, but did not treat
c.	Perhaps one specific course	с.	Treated a handicapped patient
D.	Several specific courses	Ð.	Treated two or more handicapped patients

Comment?_

Do you feel your attitude toward treating the handicapped was changed by your school experience? A. Yes - Became more interested in treating handicapped. Yes - Became less interested in treating handicapped. Β. No - Was already interested in treating handicapped. с. No - Remained uninterested in treating the handicapped. D. Other (Specify)_____ Ε. Would you say you have: A. Actively sought out opportunities to treat the handicapped? Treated handicapped patients when they appeared? в. C. Generally avoided treating handicapped patients?

Comment?

What steps do you feel are necessary to improve the nation's dental . care of the handicapped?

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Finally, we would be interested in any <u>general</u> comments you may have about your experience with handicapped patients:

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PLEASE CORRECT YOUR MAILING ADDRESS HERE, IF IT IS NOT CORRECT BELOW.

QUESTIONNAIRE ON DENTAL TREATMENT OF THE HANDICAPPED

Some parts of this questionnaire may not apply to you (if you are a graduate student for instance), or you may have information or experiences that are not included here. Please indicate the appropriate response and feel free to use the margins or extra pages to include any explanationator additional comments you'd like to make, but do complete whatever parts apply.

- I. YOU AND YOUR PRACTICE:
 - A. How would you describe your current practice? Check as many apply.

Self-employed professional practice
Professional partnership
Employed professional practice
Full-time residency or graduate fraining
Research and/or teaching
Military service
Other (apecify)

B. Would you any you have:

- 1. Actively aought out opportunities to treat the handicapped?
 - 2. Treated handicapped patients when they appeared?

3. Generally avoided treating handicapped patienta?

Comment?	
----------	--

C. Did you make any modifications to your office to accommodate handicapped patiento?

Yes	
-----	--

No

If yes, check as many as apply

- Modified outside entrance
- Modified interior doors
- Modified bathroom facilities
- Provided special equipment (e.g., restraints, wheelchair lift, etc.)
- Modified Operatory
 - Modified X-ray facilities
 - Other
 - I am not in private practice ____

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D. Below is a list of handicapping conditions. Please indicate by circling the appropriate number what your experiences with each condition has been since graduation. If you have been contacted by more than one patient with the same condition, and have made different dispositions, please indicate that, too.

ł

- 1. I have treated a patient with this condition in my office.
- 2. I have treated a patient with this condition in a hospital.
- I have had contact with such a patient, but referred him/her to another facility.

4. I have had no contact with this condition in my practice.

1234	1.	Mental retardation (including Down's syndromy, hydrocephaly, and brain damage)	.1 2 3 4	20.	Thalidomide-induced deformities and similar malformations
1234	2.	Cerebral palsy	1234	21.	Diabetes and other endocrine disturbances
1234	3.	Blindness .	1234	22.	Hemophilia
1234	4.	Deafness	1234	23.	Cardiopulmonary disease
1234	5.	Epilepsy	1234	24;	Asthma
1234.	6.	Stroke (including facial	1234	25.	Atherosclerosis
1234	7	Parkingoniam	1234	26.	Emphysema
1234	۰. ۵		1234	27.	Cystic fibrosis
1234	o. 9.	Poliomyelitis	1234	28.	Allergic reactions to drugs
1234	10.	Spinal cord injuries	1234	29.	Autism
1 2 3 4	11.	Multiple sclerosis	1234	30.	Hyperactivity
1234	12.	Muscular dystrophy	1234	31.	Other behavior problems
1234	13.	Facial trauma from	1234	32.	Leukemia
100/	• •		1234	33.	Other blood dyscrasias
1234	14.	Multiply-handicapped	1234	34.	Brain tumors
1 2 3 ₃ 4	15.	The home-bound patient	1234	35.	Sarcomas
1234	16.	The nursing-home patient	1 9 9 4	26	
1234	17.	Cleft palate (and cleft lip)	1434	JU .	(including maxillofacial
1234	18.	Other craniofacial anomalies (including microstomia and micrognathia)	1 2.3 4	مه 37.	Other neoplasms

1 2 3 4 19. Spina bifida

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II. YOUR EXPERIENCES WHILE IN SCHOOL

A. Please catimate how much exposure you had to the topic of dental care for the handicapped while in achool.

Course Work: ^

- 1. None at all
- 2. Some mention in passing
- *3. Perhaps one apecific course
- 4. Several apecific courses

- Clinical experience:
- 1. None at all
- Exposed to one or more conditions, but did not treat
- 3. Treated a handicapped patient
- 4. Treated two or more handicapped patienta

Comment ____

- B. Do you feel your attitude toward treating the handicapped was changed by your achool experience?
 - 1. * Yes Became more interested in treating handicapped
 - 2. Yes Became less interested in treating handicapped
 - 3. No Was already interested in treating handicapped
 - 4. No Remained uninterested in freating the handicapped
 - 5. Other (Specify)

III. CONTACTS WITH ORGANIZATIONS IN YOUR PRACTICE

A. What contacts have you had with organizations for the handicapped (e.g., Asaociation for the Advancement of the Mentally Retarded, American Diabetic Asaociation, Epilipsy Foundation, etc.)?

1. None

- 2. Incidental contacts with one or more auch organizations
- 3. Close working relations with one organization
- 4. Close working relations with two or more auch organizations
- B. Have you joined the Academy of Dentistry for the Handicapped?
 - Yes _____

*****,

C. Have you been a consultant to any group representing the handicapped?

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- Yes ____
- No

If yes, please specify ____

IV. EDUCATION AND CONSULTATIONS

- A. Since completing dental school, have you had additional education on dentistry for the handicapped?
 - Yes _____
 - No _____
 - If yes, did you
 - 1. Have full time residency or graduate enrollment?
 - 2. Have one or more short course or workshop?
 - 3. Do informal reading and study?
 - 4. Other _
- B. What consultations have you had with medical (other than dental) experts concerning handicapped patients?
 - 1. None
 - 2. A few consultations about selected patients
 - 3. Frequent consultations about many patients

V. COMMENTS

- A. Wh
- What steps do you feel are necessary to improve the nation's dental care of the handicapped?

•

B. Finally, we would be interested in any <u>general</u> comments you may have about your experience with handicapped patients:

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Survey results for individual funded schools

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FOLLOW-UP QUESTIONNAIRE RESULTS BY YEAR

(In Percents)

	۰ N· ≖	14	8 [°]	26
		1974	<u>1976</u>	<u>1978</u>
School 08				•
How would you describe your cu	rrent practice?			31
Self-employed professional Professional partnership Employed professional pra Full-time residency or gr Research and/or teaching Military service Other	l practice actice aduate training	43 0 29 29 21 Q 7	38 12 25 25 0 0	31 12 35 19 12 4 4
Have treated the following			0	
Mental Retardation	 in office in hospital referred to others no contact 	29 36 0 2 9	62 38 0 0	50 46 ∋`4 12
Cerebral palsy	 in office in hospital referred to others no contact 	21 36 0 43	0 38 0 50	19 50 0 38
Blindness	 in office in hospital referred to others no contact 	14 21 0 64	0 25 0 75	19 31 0 38
Deafness	 in office in hospital referred to others no contact 	21 21 0 57	25 38 0 38	23 31 0 38
Epilepsy	 in office in hospital referred to others no contact 	57 29 0 21	25 38 0 25	42 42 0 15
Stroke	 in office in hospital referred to others no contact 	43 21 0 36	<pre>412 25 0 62</pre>	27 38 0 35
Parkinsonism V	 in office in hospital referred to others no contact 	21 29 0 64	25 25 0 50	8 35 0 50
Arthritis	 in office in hospital referred to others no contact 	-50 29 0 21	50 38 > 0 12	54 42 0 15

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· · · ·	° N =	14 "	8	26	
School <u>08</u> continued		<u>1974</u>	<u>1976</u>	1978	-
Poliomyelitis	- in office	• 7	0	15° °	
	in hospital	14	25	8-	
	- referred to others	0	0	0	
a	- no contact	71	75	69	
Spinal cord injuries	- in office	14	0	4	
• • •	- in hospital	21	25	19	
۲	- referred to	0	0	5 0	0
,	- no contact	64	75	65	
Multiple sclerosis	- in office	21	0	15	
• • • • • • • • • • • • • • • • • • • •	- in hospital	21	25	23	
۰ ۱	- referred to others		. 0	• 0 •	;
· · ·	- no contact	50	75	54	•
Muscular dystrophy	- in office	ο Γ	12	12	
	- in hospital	21	0	23	
	- referred to others	0	Ő	0	0
λ	- no contact	71	88	58	
Factor training from good dombo		26	05	20	
radial crauna from accidents	$= \frac{1}{10} \frac{1}{100} 1$	3 0 73	20	30 20	
	- referred to others	45	30 19		
	- no contact	29	25	10	
				· · ·	
Multiply-handicapped	- in office	14	0	12	
	- in hospital	21	25	o 35	
	- referred to others	0 57	75	0	
		57	75	40	
Home-bound patient	- in office	7	12	8	
	- in hospital	14	0	15	
	- reterred to others	0	0	. 0	
	- no contact	64	88	69.	
Nursing-home patient	- in office	21	12	4	
•	- in hospital	21	25	31	
	- referred to others	0	~ 0	0	
	- no contact	57	62	58	
Cleft palate/cleft lip	- in office	29	25	27	
	- in hospital	21	25	31	
n	- referred to others	0	0	0 /	
	- no contact	57	50	42	
Other craniofacial anomalies	- in office	7	· • 0	8	
	- in hospital 👞 ,	21	38	· 27	
	- referred to others	0	0	0	
	- no contact	71 。	62	54	
Spina bifida	- in office \rangle	0	Û	4	
opend veredu	- in hospital	21	0	4	
	<pre> referred to others </pre>	· 0	ŏ	0	
	- no contact	71	100	81	
Thalldowide defermined on /	- in office	^	Δ	^	
similar malformations	- in bossitsi	U 7	U .	10	
	- referred to others	^ ^	0	<u> </u>	
-	- no contact	86	1.00	81	
۱.				V-	

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ð	N =	14	8	26
Calcal 09 continued	•••	<u>1974</u>	1976	1978
School <u>Do</u> concluded		71	°- 50	69
Diabetes/other endocrine	- in office	20	25	46
disturbances.	- in hospital	<u> </u>	0.	4
•	- referred to others	7.	12	• Ó
	- no contact	'		
· · · · · · · · · · · · · · · · · · ·	- in office	29	12	4 '
Hemophilia	- in hospital	36	25	38
	- referred to others	0	0	0
	- ng contact	36	75	- 42
• · · · · · · · · · · · · · · · · · · ·		71	25	62
Cardiopulmonary disease/	- in office	- / 3	38	35
· ••••••••••••••	- in hospital	4J. 7	. 0	· 0 ·
•	 referred to others 	7	38	12
	- no contact	1	, 0 9	
	- in office	86 ∽	a 25.	69 P
Asthma	$\mathbf{N} = \mathbf{i} \mathbf{n}$ hospital	43	25	42
	- referred to others	7	0	0 .
···		0	50	8
•		50	50	46
Atheroscler0918	- in office	20	25	42
	- in hospital	. OC	2 <i>3</i> 0	0.
	 referred to others 	20	25	23
	- no contact	+ 30	6.1	G <i>d</i> , '
	- in office	5 0	1 25	35
Emphysema	- in bospital	29	25	31 .
٥	- referred to others	0	.(* 0 <u></u> .	0
•		36	50	38 '
, •		7	- nc#	8
Cvatic fibrosic	- in office	/ 	0	19
0,00000	- in hospital	21	0	0
•	- referred to others	0 C 7	- 100	65
	- no contact	× 27	100	
	- in office	42	50	46 .
Allergic reactions to drugs	- in boundary	21	"3 8	35
used in dental treatment	- referred to others	0	0	0
	- no contact	43	12	23
الله . ص		΄ Λ	0	8
Aution	- in office	· 0 - 20	12	15
The T	- in hospital	69 0	10	· - 0
	- referred to others	บ 71	88	65
	- no contact	/1	00 (•
	- in affice	36	12	35. *
Hyperactivity and a	e in boopital	36	25	, 27,
_	- referred to others	٩٥	0	0.
	- no contact	43 🛯	62	31 •
\sim		20	. 0 -	50
Other behavior problems	- in office	57 91	• 25	35
	" - in hospital	5	Ő	8 •
•	- reterred to others	47 47	62	12
	- no contact	31	-	
↓ euleant a	- in office .	0	0	- 4
Leukemia	- in hospital	29	38	27
· ·	- referred to others	0	0	a U
)	- no contact	, 71	62	04
N		ĸ		

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		· .			۰.
	•	N =	14	8	° 26,
School <u>08</u> continued	,	· -	1974	<u>1976</u>	<u>1978</u>
Other blood dyscrasias	- in office		7	12	8
•	- in hospital	•	29	· 38	35
۲ به ۲۰۰۰ ۲۰۰۰	- referred to o	thers	0	12	0
	- no contact		64	38 °	54
Brain tumors	- in office	•	. 7	0	°8 N
	- in hospital		21	12	19
Ð	- referred to o	thers	0 71	U 88	0 65
6		•		00	
Sarcomas	- in office		0 21	0 25	.74
	- referred to o	thers		0	0
•	- no contact		71 ,	75	62
Squamous cell carcinoma	- in office	t r	7	12	Ř
•	- in hospital		29	~ <u>5</u> 0	27
	- referred to o	thers	0	12	0
ана стана стана стана стана стана стана стана стана стана стана стана стана стана стана стана стана стана стана На стана стана стана стана стана стана стана стана с	- no contact		57	∽ 50	62
Other neoplasms	- in office	•	29	0	19
•	- in hospital		21	50	19
	- referred to o	tners	5 7	38	46
	•			•	12%
Experience in school - Course wo	rk:				
None at all			7	· 0 · *	0
Some mention in passing		,	∽ 50	12	12 ~ ``
Several specific courses	e	۰. ۱	36 7	12	31
Experience in school - Clinical:				>	ب م
None at all		a	⁻ 36	12	4
Exposed to one or more		٥	14	1 2	4
Treated a handicapped pati	ent		21	0	0.
Ireated two or more			·21 *	· / · ~	92
Would you say you have				а V	
Actively tried to treat ha	ndicapped? s	-	14	0	12 °
Treated handicapped when t	hey appear?		79	100	77
Generally avoided treating	nandicapped:	3	/	0.,	8
Was your attitude toward treati changed by school experiences?	ng handicapped	,	1		, v ·
Xes	•	~	29 .	Č G	, °
Yes - became more interest	ed	a	\	12	62
Yes - became less interest	ed			` 25	4
No	·~ 6		ໍ 64 ູ	Ar co	• •
No - was already intereste	a		, [,]	τ. 62 Λ	23 g
Othér Othér	· · · · ·			, 0	4
· · · · · · · · · · · · · · · · · · ·	` `				<i>.</i>
· · · · · · · · · · · · · · · · · · ·	\$			`	· ·
· · · · ·	D	4	.*		۰ ۲
•	* 275.	`. !		× / ×	
	- A.		`		· •
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•	٠. · ·		•		• N =	14	8	26
	School 08 continued	1			•	<u>1974</u>	<u>1976</u>	<u>1978</u>
	Have you made any m handicapped?	odifications	to your	office for	r .	1		
	Yes No				•			8 62
	Modifications:			u v				•
	Outside entran Interior doors Bathroom facil Provided speci Operatory X-ray faciliti Other Not in private	ce ities al equipment es practice				¢	•	4 4 0 4 0 0 31
	What contacts have the handicapped in	you had with your practice	organiza ?	tions for				v7 ,
	None Incidental wit Close working Close working	h one or more relations wit relations wit	h one h two or	more				85 4 12 Q.
•	Have you joined the handicapped?	e Academy of D	entistry →	for the		~	•	
1.	Yes No						,	4 92
%	•. Have you been a cor the handicapped?	$\mathfrak{sultant}$ to \mathfrak{an}	y group	represent	ing		x	(
•	Yes No		•		• ,	-	ټ	-4 92
	Since completing de additional education	ental school, on on dentistr	have you y for th	i had any ne handica	pped?	•	4	
-	Yes No			•	· · ·	C		42 58
•	If yes, did you	•	•	ø	-			•
	Have full time Have one or me Do informal re	e rèsidency or ore short cour eading and stu	graduat se or wo udy?	te enrollm orkshop?	ent?	•	•	38 4 4
	What consultarions	have you had oped patients?	with me	dical expe	rts	- 4 .	•.	
	None A few consulta Frequent const	ations about s ultation about	elected many pa	patients atient	• v		• •	23 42 31
۶	4 4 1		· • •	6 ; S	• • •		•	
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FOLLOW-UP QUESTIONNAIRE RESULTS BY YEAR

(In Percents)

•		N =	86	113	89
School <u>09</u>			<u>1974</u>	<u>1976</u>	<u>1978</u>
How would you describe your c	urrent practice?		-		
Self-employed profession Professional partnership Employed professional pr Full-time residency or g Research and/or teaching Military service Other	al practice actice raduate training		34 13 38 14 2 7 8	25 11 31 11 4 19 6	38 10 -42 11 4 6 3
Have treated the following					
Mental Retardation	 in office in hospital referred to other no contact 	8	43 47 2 19	40 32 2 31	38 48 2 19
Cerebral palsy	- in office - in hospital - referred to other - no contact.	S	15 30 2 49	22 26 3-1 50	22 28. 1 51
Blindness '	- in office > - in hospital - referred to other - no contact	'S	23 22 0 48	33 20 0 46	37 29 0 34
Deafness	- in office , - in hospital - referred to other - no contact	' S	34 27 0 35	42 18 0 40	40 29 0 33
Epilepsy	- in office - in hospital - referred to other - no contact	s	56 43 1 13	65 26 2 17	
Stroke	- in office - in hospital - referred to other - no contact	8	37 31 1 29	40 - 23 0 37	37 35 0 36
Parkinsonism	- in office - in hospital - referred to other - no contact /	S	26 34 1 38	36 20 1 40	33 24 0 47
Arthritis	 in office in hospital referred to other no contact 	'S	63 34 - 0 9	7¥ 24 1 11	69 34 0 13

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	N =	86	113	89
School 09 continued		<u>1974</u>	1976	1978
Poliomyelitis	- in office - in hospital - referred to others - no contact	14 16 0 60	8 6 • 1 79	6 7 1 83
Spinal cord injuries	 in office in hospital referred to no contact 	6 15 1 67	4 13 • 1 73	11 25 1 63
Multiple sclerosis	- in office - in hospital - referred to others - no contact	10 22 1 60	6 16 2 72	13 19 0 64
Muscular dystrophy	- in office - in hospital - referred to others - no contact	7 21 1 • 63	12 10 1 70	7 18 1 72
Facial trauma from accidents	<pre>- in office - in hospital - referred to others - no contact</pre>	37 44 1 27	50 33 2 19	33 44 1 28
Multiply-handicapped	- in office - in hospital - referred to others - no contact	14 37 2 44	18 21 0 55	15 37 1 48
Home-bound patient	 in office in hospital referred to others no contact 	15 14 0 58	8 7 0 76	9 13 1 74
Nursing-home patient	- in office - in hospital - referred to others - no contact	23 31 0 42	9 25 2 58	16 28 2 54
Cleft palate/cleft lip	<pre>- in office / - in hospital / - referred to others - no contact</pre>	21 23 0 51	27 19 • 1 49	28 27 2 49
Other craniofacial anomalies	- in office - in hospital - referred to others - no contact	6 19 0 66	10 15 0 69	15 16 0 66
Spina bifida	<pre>- in office - in hospital - referred to others - no contact</pre>	5 3 0 81	3 4 0 86	2 3 0 88
Thalidomide deformities/ / similar malformations	 in office in hospital referred to others no contact 	2 1 1 84	6 2 0 85	3 7 0 84

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	N =	- 86	113	. 89
School 09 continued	\sim	1974	1976	1978
Diabetes/other endocrine	- in office	77	81 .	80
disturbances	- in hospital	42	35	44
	 referred to others 	0	3	0
	 no contact 	1	4	2
W Hemophilia	Din office	8	12	16
nemophilit	- in hospital	24	19	. 31 .
	- referred to others	· 6	4	1
	- no contact	57,	61	54
Cardiopulmonary disease	- in office	66	72	70
~	- in hospital	47	35	43
	- referred to others	2	4	2
	- no contact	5⁄	12	9
Asthma	- in office	70	73	76
	- in hospital	41	28	43
×	- referred to others	1	7 1	1
0	- no contract	8	15	6
Atherosclerosis	- in office (57	52	58
ALHEIOSCIEIOSIS	- in hospital	34	24	34
	- referred to others	1	24	1
	- no contact	17	. 29	26
N				
Empnysema	- in orrice	41 21	45	42
•	- in nospilar	31	19	31 1
	- no contact	30	36	36
v		50	50	, ,
Cystic fibrosis	- in office	3	3	/
	- in nospital	8	5	9
	- referred to others	1 70	1 \ 95	0
	- no contact	, 70	1 05	- 63
Allergic reactions to drugs	- in office	52	1 57	64
« used in dental treatment	- in hospital	34	19	28
*	- referred to others	5	3	1
	÷ no contact	23	30	19
Autism	- in office	5	· 1	2
	- in hospital	7	5	9
•	- referred to others	0	0`	1
· · · · · · · · · · · · · · · · · · ·	- ño contact	73	87	82
Hyperactivity	- in office	44	37	- 33
	- in hospital	30	017	24
	 referred to others 	2	4	6
	- no contact	28	42	45
Other behavior problems	- in office	. 38 -	38	51
	- in hospital	35	26 /	29
	 referred to others 	2	3	3
4 54	- no contact	22	39	28
Leukemia	- in office	9	15	12
,	- in hospital	19	17	25
,	- referred to-others	1.	D	0
	- no contact	6,2	66	- 62

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	··· · ·		N =	86	113	89
	School 09 continued		· •	<u>1974</u>	<u>1976</u>	<u>1978</u>
0	Other blood dyscrasias	- in office		23	19	31
	/	- in hospital		30 .	19	33
	/ >	- referred to	others	5	0	()
•				41	OT ,	42
•	Brain tumors /	- in office		3	17	- 8
		- referred to	others	14 -	12	10
	• /	- no contact	00.010	73	68	73
	Sarcomas	- in office		6	5	12 5
		- in hospital		14	12	11
	• 1	- referred to	others	1	0	2
		- no contact	•	66	77	72
	Squamous cell carcinoma	- in office		10	11	17
	• • •	- in hospital		33	29	30
	• / •	- referred to	others	λ_{17}^{8}	2 50	3
				41	50	40
	Other neoplasms	- in office		- 22	31	31
		- referred to	others	29	21	24 1
		- no contact		38	48	35
	Experience in school - Course wor	·k:				
	None at all Some mention in passing			· 50	3	1 २
	Perhaps one specific course			35	46	55
	Several specific courses			6	40	40
	Experience in school-Clinical:	- -				
	None at all			20	0	1
	Exposed to one or more		• *	26	2	2
	Treated a handicapped patie	ent		9	90	4
						16
	Would you say you have					
	Actively tried to treat han	dicapped?	Q	14	8	10
	Treated handicapped when th Generally avoided treating	handicapped?		80 6	81 5	2
	Was your attitude toward treating changed by school experiences?	ng handicapped			ø	, N
	Yes 🗸 '	· ·		42	,	• >
	Yes – became more intereste	ed ,		,	57	57
	Yes - became less intereste	ed		5.2	1	3
	NO - was already interacted	1			18.	25
	No - remained uninterested	•		•	6	10
	Other			•	17	1.
			-			

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•		¢,		. * •	4	
School 09 continued		•	N =	86 <u>1974</u>	113 <u>1976</u>	8 19
Have you made any modif handicapped?	fications to yo	ur office for				
Yes No			۲			6
Modifications:	ł	•				
Outside entrance Interior doors Bathroom facilitie Provided special e Operatory X-ray facilities Other Not in private pra	equipment actice		•			2
What contacts have you the handicapped in your	had with organ practice?	izations for '	•			1
None Incidental with [\] or Close working rela Close working rela	ne or more ations with one ations with two	or more	•			7
Have you joined the Aca handicapped?	demy of Dentis	try for the				×
Yes No	· · ·	•	,		·	10
Have you been a consult the handicapped?	ant to any gro	up representin	Ig			· .
Yes No						· 9
Since completing dental additional education on	sehool, have dentistry for	you hạd any the handicapp	ed?			
• Yeo No	•			·		54 . 40
If yes, did you						,
Have full time res Have one or more o Do informal readin	idency or grad hort course or ig and study?	uate enrollmen workshop?	t?			4
What consultations have concerning handicapped	you had with putients?	medical expert	8	n		
None A few consultation Frequent consultat	s about select ion about many	ed patients patient				2 61 14

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FOLLOW-UP QUESTIONNAIRE RESULTS BY YEAR

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(In Percents)

	N =	26	43	29
School <u>01</u>		<u>1974</u>	<u>1976</u>	<u>1978</u>
How would you describe your	current practice?			r •
 Self-employed profession Professional partnersh Employed professional Full-time residency or Research and/or teachi Military service Other 	onal practice ip practice graduate training ng	65 8 12 0 4 • 12 0	53 5 7 2 16 2	66 14 7 3 7 3 7
Have treated the following				
Mental Retardation	 in office in hospital referred to others no contact 	65 15 、 4 19	60 16 5 23	59 3 7 28
Cerebral palsy	 in office in hospital referred to others no contact 	27 0 4 58	35 16 2 49	38 0 0 52
Blindness	 in office in hospital referred to others no contact 	27 4 0 62	33 5 0 63	45 0 0 41
Deafness	 in office in hospital referred to others no contact 	62 4 0 27	49 7 0 37	52 3 0 34
Epilepsy ,	 in office in hospital referred to others no contact 	77 4 4 15	84 9 0 9	79 0 0 14
Stroke	 in office in hospital referred to others no contact 	38 4 0 54	51 5 2 40	48 0 0 41
Parkinsonism	 in office in hospital referred to others no contact 	35 4 0 58	14 5 0 74	· 17 3 0 62
Arthritic	 in office in hospital referred to others no contact 	73 4 0 15	74 5 0 21	79 0 3 10

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C 0	N	= 26	43	29
School 01 continued		<u>1974</u>	1976	<u>1978</u>
Poliomyelitis	 in office in hospital referred to others no contact 	27 0 65	35 5 0 56	28 0 0 55
Spinal cord injuries	 in office in hospital referred to no contact 	15 12 0 73	44 7 0 42	28 0 0 59
Multiple sclerosis	 in office in hospital referred to others no contact 	15 0 0 77	16 5 0 74	10 0 72
Muscular dystrophy	 in office in hospital referred to others no contact 	12 0 ~ 0 81	9 2 0 77	14 - 0 - 0 76 -
Facial trauma from accidents	 in office in hospital referred to others no contact 	66 23 4 27	70 14 0 19	62 3 3 24
Multiply-handicapped	 in office in hospital referred to others no contact 	35 8 4 50	35 12 0 52	28 3 3 55
Home-bound patient	 in office in hospital referred to others no contact 	27 4 4 69	14 7 0 77	14 0 0 76
Nursing-home patient	- in office - in hospital - referred to others - no contact	35 15 0 50	40 12 2 47	31 7 - 0 52
Cleft palàte/cleft lip	 in office in hospital referred to others no contact 	31 8 8 50	33 9 2 53	59 3 7 24
Other craniofacial anomalies	 in office in hospital referred to others no contact 	15 12 4 65	26 9 0 58	28 3 3 52
Spina bifida	 in office in hospital referred to others no contact 	4 0 0 88	16 5 0 72	14 0 0 76
Thalidomide deformities/ similar malformations	 in office in hospital referred to others no contact 	0 0 0 92	2 0 0 86	3 0 0 83

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		N =26	43	29
School <u>01</u> continued		<u>1974</u>	<u>1976</u>	<u>1978</u>
Diabetes/other endocrine disturbances	 in office in hospital referred to other no contact 	92 12 78 0 4	86 7 0 2	86 0 0 3
Hemophilia -	 in office in hospital referred to other no contact 	23 4 15 50	16 14 7 60	41 0 10 38
Cardiopulmonary disease	 in office in hospital referred to other no contact 	85 8 0 8	81 7 5 9	66 7 7 17
Ao thma c	- in office - in hospital - referred to other - no, contact	88 4 5 0 8	81 7 0 9	83 3 71
Atherosclerosis	 in office in hospital referred to other no contact 	58 8 :s 0 31	47 (5 0 37	59 0 0 31
Emphysema ∘	 in office in hospital referred to other no contact 	 ∽ 50 8 s 0 38 	58 5 0 33	48 0 3 38
Cystic fibrosis	- in offi@e - in hospital - referred to other - no contact	0 0 75 0 92	7 7 0 81•	10 0 0 76
Allergic reactions to drugs used in dental treatment	 in office in hospital referred to other no contact 	65 · 12 5 8 19	65 7 0 23	62 0 3 24
Autism	 in office in hospital referred to other no contact 	4 0 0 85	7 5 0 84	3 0 0 83
Hyperactivity	 in office in hospital referred to other no contact 	50 4 35	° 61 (5 () 28	55 3 7 28
Other behavior problems	- in office - in hospital - referred to other - no contact	42 4 55 4 35	42 7 () 47 °	59 3 0 28
Leukemia	 in office in hospital referred to other no contact 	12 0 75 7/7	12 9 2 74	21 0 0 69
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		N = 26	43	29	
School 01 continued .		<u>1974</u>	<u>1976</u>	<u>1978</u>	
Other blood dyscrasias	- in office - in hospital - referred to other - no contact	35 0 s 0 46	28 9 0 58	24 0 3 62	
Brain tumors	- in office - in hospital - referred to other - no contact	19 8 5 0 5 69	9 2 2 77	17 0 0 69	
Sarcomas -	- in office - in hospital - referred to other - no contact	12 0 5 0 81	0 2 0 88	7 0 0 0 79	ز
Squamoug cell carcinoma	- in office - in hospital - refèrred to other - no contact	12 8 95 8 77	14 7 0 77	14 0 10 66	ъ.
Other ndoplasms - -	- in office - in hospital - referred to other - no contact	19 8 5 15 62	26 12 2 53	21 0 14 45	-
Experience in school-Course work	:				
None at all Some mention in passing Perhaps one specific course Several specific courses	,	8 42 - 35 15	0 9 47 40	0 7 31 59	
Experience in school-Clinical:				•	
None at all Exposed to one or more Treated a handicapped patient Treated two or more	t .	19 27 8 46	5 7 19 67	0 3 7 86	
Would you say you have					•
Actively tried to treat hand Treated handicapped when they Generally avoided treating ha	icapped? y [°] appear? andicapped?	15 81 4	9 79 5	17 83 0	
Was your attitude toward treating changed by school experiences?	handicapped	-			
Yes Yes - became more interested Yes - became less interested No No - was already interested		35	53 7 19	62 0 31	
No - remained uninterested Other		Col	5 14	3 0	



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. 🔶 N	= 26	43	29
	<u>1974</u>	1976	<u>1978</u>
School VI continued	·		
Have you made any modifications to your office for handicapped?			
Vog \			-48
No		L L	41
Modifications:			$\langle \rangle$
Outside entrance			38
Interior doors			21
Provided special equipment		•	0 17
Operatory X-ray facilities	٩		7
(Other			·· 7
Not in private practice			
What contacts have you had with organizations for the pandicanned in your practice?			
Nor			66
Incidental with one or more			24
Glose working relations with one Close working relations with two or more			0
White Vou joined the Academy of Dentistry for the			
(handicapped?	•		0
Yes T			97
No / / ropresenting			
Have you been a consultant to any gloup representing the handicapped?	·		
Yes			14
No ,		۴.	60
Since completing dental school, have you had any	d?		
additional education on dentisyry for the mensure of			17
Yeo . No			83
If yea, did you			
Have full time residency or graduate enrollment	?		7
Have one or more short course or workshop? Do informal reading and study?			3
What consultations have you had with medical experts concerning handicapped patients?			
None		,	31 ~ 59
A few consultations about selected patients Frequent consultation about many patient ,			10

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FOLLOW-UP QUESTIONNAIRE RESULTS BY YEAR

(In Percents)

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	N =	38	63	50
School <u>02</u>		<u>1974</u>	1976	<u>1978</u>
How would you describe your	current practice?			
Self-employed profession Professional partnersh Employed professional p Full-time residency or Research and/or teachin Military service Other	onal practice	53 5 32 0 5 11 5	46 6 21 8 3 5 11	44 14 20 8 4 8 10
Have treated the following			,	
Mental Retardation	- in office - in hospital - referred to others - no contact	53 3 0 40	. 71 • 13 - 3 11	66 8 6 20
Cerebral palsy	 in office in hospital referred to others no contact 	21 0 3 71	27 13 2 51	30 8 0 54
Blindness	- in office - in hospital - referred to others - no contact	34 0 0 63	30 8 0 56	42 6 2 42
Deafness	 in office in hospital referred to others no contact 	45 0 10 50	41 6 0 48	56 6 0 36
Epilepsy	 in office in hospital referred to others no contact 	68 3 3 29	63 11 0 21	80 8 2 14
Stroke ,	- in office - in hospital - referred to pthers - no contact	47 0 0 50	60 10 2 22	50 8 0 40
Parkinsonism	 in office in hospital referred to others no contact 	42 · 0 53	25 8 () 57	36 8 0 • 54
Arthriti s	 in office in hospital referred to others no contact 	68 0 0 29	75 10 0 13	82 56 10 12

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		. N 🗆	38	63	50	•
	∉ €	. 14 — б	1974 .	1976 .	1978	•
Sch	ool <u>02</u> continued		1	••••	10	
(F	Poliomyelitis	- in office - in hoopital			2	
	· · · · ·	 referred to others no contact 	-71	76	78 ·	
ب مراجع (ا	Spinal cord injuries	- in office. - in hospital	8 3 -0	11	- <u>6</u> - 0	
	· · · · ·	- referred to - no contact	84	57	62	*
· 1	Multiple sclerosis	- in office - in hospital	21 0.1	24 6 0	2	•
•		- referred to others f no contact	74	57 20	56 ···	•
(Muscular dystrophy	- in office - in hospital	3	0 2 1.4		
•	•	- referred to others ', - no contact	92 61	67 67	76 56	
د ب	Facial trauma from accidento	- in office - in hospital	53 0 3	14 6	10 2	
1	. 🔫	- referred to others - no contact	42	14	32 26	
	Multiply-handicapped	- in office - in hoopital,		11 - .0	8	
		- no contact	68	44	58 1 2	
	Home-bound patient	- in office - in hospital	8 0 0	3	2	
	· · · · · ·	- no contact	84	65	72 36	
:	Nursing-home patient	 in office in hoopital 	42 3 3	10 °	16 4	
	•	- no contact	50 20	37	44 . > 28	F
	Cleft palate/cleft lip	- in office (- in hospital	39 0	· · · · · · · · · · · · · · · · · · ·	6 · 2	•
	•	- no contact	53 ·	44	94 10	
	Other craniofacial anomalies	- in office - in heopital	9 0 3	1,1 6 2	2	•
.Q		- no contact	84	63	76	
•	Spina bifida	- in office - in hoopital	, e		0	
	i o	- referred to othero	89 a	81	84	
	Thalidomide deformitico// cimilar malformations	- in ottice - in hospital	ອ () ຈີ (1		0	
٠		- no contact	87	81	86	
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School 02 continued	• • •	1974	1976	<u>1978</u>
Diabetes/other endocrine disturbances	 in office in hospital referred to others no contact 	89 0 • 0 11	84 13 0 6	90 12 0 6
Hemophilia .	 in office in hospital referred to others no contact 	3 3 	13 10 6 60	8 8 2 72
Cardiopulmonary disease	 in office in hospital referred to others no contact 	76 0 5 21	79 14 0 11	84 14 5 0 10
Asthma	<pre>- in office - in hospital - referred to others - no contact</pre>	84 0 13 45	79 10 0 10	82 8 0 12 62
Atherosclerosis	 In office In hospital referred to others no contact 	43 0 47	10 0 27	6 0 30
_€ Emphysema	 in office in hospital referred to others no contact 	50 0 0 45	51 10 0 30	44 10 0 42
Cystic fibrosis	- in office - in hospital - referred to others - no contact	3 0 0 92	5 2 0 81	0 0, 0,~~ 88
Allérgic reactions to drugs used in dental treatment	 in office in hospital referred to others no contact 	53 0 3 42	75 8 2 11	68 8 0 24
Autism .	 in office in hospital referred to others no contact 	5 0 0 8 <u>9</u>	3 2 , 0 81	6 0 0 82
Hyperactivity .	'- in office - in hospital - referred to others - no contact	53 0 0 47	、56 5 2 27	38 0 2 44
Other behavior problems	- in office - in hospital - referred to others - no contact	37 0 0 53	38 6 2 37	42 8 40
Leukemia	- in office - in hospital - referred to others - no contact	8 0 3 82	$\begin{array}{c}13\\10\\2\\63\end{array}$	16 4 0 70

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		_		1.	ia '
		N =	38	. 63	50 ··
" *	•	0	1974	1976	1978 ·
School <u>02</u> continued					
Other blood dyscrasias	- in office		18	14	14 8
	- in hospital	thers (0	0
х	- referred to ou - no contact		76	59	66
	- din office		13	16	18
Brain tumors	- in hospital		0	8	6
	- referred to of	thers	0	2	0, 68
, ,	- no contact		02	11	10
Sarcomas	- in office		13 0	11 5	.10
· · · · · · · · · · · · · · · · · · ·	- in nospital	thers	0	Ō	0
P	- no contact		82	· 68	• 72
Courseus coll carcinoma	- in office		13	2.2	20
Squamous Cerr Carcinoma	- in hospital		0	13	10
	- referred to o	thers	0 79	56	. 62
1	- no contact		/ 20	37	36
Other neoplasms	- in office		1 29 0	10	8
	- in hospital	thers	<u>`</u> 3	0	2
~ · · · ·	- no contact		63	43	52 ′.
4 v					
Experience in school-Course wo	rk:	:	з	0	0
None at all		σ	37	; 0	0
Some mention in passing Porbans one specific cours	e		. 39	25	18
Several specific courses			21	, 71	82
Experience in school-Clinical:					e ,
None at all			24	2	0
Exposed to one or more	_		29	2	4 24
Treated a handicapped pat:	lent		26	62	68
Treated two or more ,				,	•
Would you say you have	10 ·		3	14	12
Actively tried to treat h	andicapped?		89	* 79	84
Treated handicapped when	g handicapped?		5	2	4
Generally avoided die	ing handicapped		0		
Was your attitude toward theat changed by school experiences?		3			
· t Vos	* <i>w</i>		[′] 37		
Yes - became more interes	ted	0		81	64 ·
Yes - became less interes	ted		58	0.	
No	ed a			_ 11	26
No - was already interest No - remained unintereste	ed and	• *	а	0	4
Other				6	2

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S	chool <u>02</u> continued	"N =	38 <u>1974</u>	°63 <u>1976</u>	50 <u>1978</u>
H h	ave you made any modifications to your of andicapped?	fice for	*.	, ,	•
	Yes No	•			16 62
М	odifications:	1			
•	Outside entrance Interior doors Bathroom facilities Provided special equipment Operatory X-ray. facilities Other Not in private practice,	0	, , ,		6 6 8 0 8 2 0 22
W	hat contacts have you had with organization he handicapped in your practice?	ons for			
	None Incidental with one or more Close working relations with one Close working relations with two or mo	ore		•	88 10 2 0
H h	ave you joined the Academy of Dentistry fo andicapped?	or the			
	Yes No		Ç		0 ' 100 (
H t	ave you been a consultant to any group rep he handicapped?	presenting		· .	
	Yes No		<i>ъ</i>		6 94
' S a	ince completing dental school, have you had ditional education on dentistry for the l	ad ^{any} handicapped? '			
	Yes No		· .		24 76
Ţ	f yes, did you				
	Have full time residency or graduate of Have one or more short course or works Do informal reading and study?	enrollment? Shop?		•	18 2 2
W C	hat consultations have you had with medica oncerning handicapped patients?	al experts			`
	None A few consultations about selected par Frequent consultation about many patie	tients ent	۵		12 68 20
	•				

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FOLLOW-UP QUESTIONNAIRE RESULTS BY YEAR

(In Percents)

	N =	29	37	78
_ School <u>03</u>		<u>1974</u>	<u>1976</u>	<u>1978</u>
How would you describe your cur	rent practice?	•		
Self-employed professional Professional partnership Employed professional pract Full-time residency or grav Research and/or teaching Military service Other	practice tice duate training	59 14 3 7 10 14 0	57 8 11 8 3 14 5	65 , 8 12 0 8 8 15
Have treated the following				
Mental Retardation	 in office in hospital referred to others .no contact 	55 14 7 28	81 8 11 11	73 27 8 8
Cerebral palsy	 in office in hospital referred to others no contact 	28 10 3 62	24 5 8 57	46 15 4 31
Blindness ,	 in office in hospital referred to others no contact 	28 3 3 66	30 5 0 62	35 12 0 42
Deafness , ,	 in office in hospital referred to others no contact 	48 3 -0 48	57 5 0 38	54 12 0 31
Epilepsy	 in office in hospital referred to others no contact 	76 10 0 14	84 11 5 8	77 23 0 8
Stroke	 in office in hospital referred to others no contact 	\$18 7 0 55	[•] 38 5 3 46	42 12 4 31
Parkinsonism	 in office in hospital referred to others no contact 	31 7 0 62	14 3 0 76	38 4 0 46
Arthritis .	- in office. - in hospital - referred to others	79 7 0 14	84 8 3 11	88 12 0 4

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School 03 continued		N	= 29 { <u>1974</u>	37 <u>1976</u>	78 <u>1978</u>
Poliomyelitis	 in office in hospital referred to no contact 	oth ers	24 3 0 72	14 3 0 76	31 0 0 54
Spinal cord injuries	- in office - in hospital - referred to - no, contact	D	21 3 0 72	14 8 0 70	35 15 0 46
Multiple sclerosis	 in office in hospital referred to no contact 	others	10 3 30 86	14 3 0 73	35 8 0 46
Muscular dystrophy	 in office in hospital referred to no contact 	others		8 3 3 78	35 · 8 0 46
Facial trauma from accidents	 in office in hospital referred to no contact 	others	79 17 14	57 16 11 22	85 19 4 8
Multiply-handicapped	 in office in hospital referred to no contact 	others	17 14 3 62	35 · 8 3 °51	46 15 0 35
Home-bound patient	 in office in hospital referred to no contact 	others	10 3 0 83	19 3 0 65	19 8 4 54
Nursing-home patient	 in office in hospital referred to no contact 	others	41 3 0 55	35 5 - 3 - 46	23 8 4 50
Cleft palate/cleft lip	 in office in hospital referred to no contact 	others	34 10 10 48	30 14 5 51	54 15 0 27
Other craniofacial anomalies	 in office in hospital referred to no contact 	others	14 7 7 76	11 5 0 73	15 8 4 62
Spina bifida	 in office in hospital referred to no contact 	others	· 3 0 0 93	8 0 0 78	0 8 4 77
Thalidomide deformities/ similar malformations	- in office - in hospital - referred to J no contact	others	0 0 0 100	3 0 0 86	8 4 0. 65

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	N =	29	37	78.
School 03 continued		<u>1974</u>	<u>1976</u>	<u>1978</u>
Diabetes/other endocrine disturbances	 in office in hospital referred to others no contact 	93 14 3 0	89 8 3 8	85 23 0 0
Hemophilia	 in office in hospital referred to others no contact 	17 3 7 72	22 11 3 57	12 23 12 46
Cardiopulmonary disease	- in office - in hospital - referred to others - no contact	90 14 7 0	86 11 11 8	65 19 8 8
Asthma	 in office in hospital referred to others no contact 	83 10 0 10	84 8 3 11	85 19 0 0
Atherosclerosis	 in office in hospital referred to others no contact 	52 10 7 41	51 5 3 35	58 4 0 23
Emphysema	 in office in hospital referred to others no contact 	62 10 3 31	62 8 3 30	58 12 0 23
Cystic fibrosis	 in office in hospital referred to others no contact 	3 0 0 93	3 3 0 81	4 8 0 73
Allergic reactions to drugs used in dental treatment	 in office in hospital referred to others no contact 	66 10 7 21	57 5 5 27	77 15 4 • 8
Autist	 in office in hospital referred to others no contact 	0 0 0 97	5 3. 0 81	4 12 4 65
Hyperactivity	 in office in hospital referred to others no contact 	52 7 3 38	43 5 3 38	62 19 0 23
Other behavior problems	 in office in hospital referred to others no contact 	45 7 0 28	35 3 3 46	62 15 0 12
(Leukemia	 in office in hospital referred to others no contact 	28 3 0 69	19 5 20 68	19 15 0 50
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1	N =	29	37	78
School 03 continued	.s.	<u>1974</u>	<u>1976</u>	<u>1978</u>
Other blood dyscrasias - in office	thers	*28	19	19
- in hospital		7	5	12
- referred to of		3	3	4
- no contact		59	59	50
Brain tumors - in office	thers	7	8	12
- in hospital ²		3	5	12
- referred to of		0	0	8
- no contact		90	76	62
Sarcomas - in office	thers	3	5	19
- in hospital		3	5	15
- referred to of		7	0	0
- no contact		86	78	50
Squamous cell carcinoma - in office	thers	17	22	23
- in hospital		7	11	8
- referred to of		10	0	4
- no contact		66	65	42
Other neoplasms - in office	thers	17	27	38
- in hospital		7	11	12
- referred to ot		10	5	0
- no contact		62	57	35
Experience in school-Course work:				
None at all	•	0	0	0
Some mention in passing		59	41	8
Perhaps one specific course		31	49	73 /
Several specific courses		10	11	19
Experience in school-Clinical:				
None at all		52	35	8
Exposed to one or more		10	24	15
Treated a handicapped patient		14	19	42
Treated two or more		14	11	35
Would you say you have				
Actively tried to treat handicapped?		3	11	27
Treated handicapped when they appear?		97	86	69
Generally avoided trgating handicapped?		0	3	4
Was your attitude toward treating handicapped changed by school experiences?				
Yes Yes - became more interested Yes - became less interested • No		41 59	32 3	42 4
No – was already interested No – remained uninterested Other			30 11 24	35 8 8

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chool 03 continued	<u>1974</u>	<u>1976</u>	<u>19</u>
Have you made any modifications to your office for bandicanned?			
Yes		n	3 5
Modifications:		5	
Outside entrance Interior doors Bathroom facilities Provided special equipment Operatory X-ray facilities Other Not in private practice		ی پی ب ب	2 1 1 2
What contacts have you had with organizations for the handicapped in your practice?			
None Incidental with one or more Close working relations with one Close working relations with two or more			
Have you joined the Academy of Dentistry for the handicapped?			
Yes No "			
Have you been a consultant to any group representing the handicapped?			
Yes No		r	
Since completing dental school, have you had any additional education on dentistry for the handicappe	ed?		
Yes No		`	
If yes, did you			
Have full time residency or graduate enrollment Have one or more short course or workshop? Do informal reading and study?		e.	
What consultations have you had with medical experts concerning handicapped patients?	3		
None A few consultations about selected patients Frequent consultation about many patient	,		•
3			\
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(In Percents)

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r (***	N =	56	67	60
•		<u>1974</u>	<u>1976</u>	<u>1978</u>
How would you describe your cu	rrent practice?	•		
Self-employed professional Professional partnership Employed professional prac Full-time residency or gra Research and/or teaching Military service Other	l practice ctice aduate training	36 12 20 4 5 30 2	43 15 13 6 0 19 9	67 8 12 5 12 12 12 7
Have treated the following				
Mental Retardation	 in office in hospital referred to others no contact 	50 21 2 32	57 18 2 30	62 12 3 20
、 Cerebral palsy	 in office in hospital referred to others no contact 	16 12 2 68	22 9 1 64	20 8 3 58
Blindne ss	 in office in hospital referred to others no contact 	21 12 0 61	25 3 0 70	32 8 0 53
Deafness	 in office in hospital referred to others no contact 	32 14 0 50	- 34 4 1 58	52 7 2 37
Epilepgy	 in office in hospital referred to others no contact 	61 14 2 25	76 9 0 16	75 13 2 12
Stroke	 in office in hospital referred to others no contact 	38 21 0 39	57 9 0 34	47 7 0 37
Parkinsonism .	 in office in hospital referred to others no contact 	20 11 0 68	13 7 0 79	27 7 2 57
Arthritic	 in office in hospital referred to others no contact 	68 14 0 20	72 10 0 21	82 5 0 10

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		N =	56	67	60
	School 04 continued '		<u>1974</u>	1976	1978
.0	Políomyelitis	 in office in hospital referred to others no contact 	12 4 0 79	7 1 0 85	5 3 0 75
	Spinal cord injuries	 in office in hospital referred to no contact 	12 9 0 73	19 3 1 76	17 10 0 58
•	Multiple sclerosis	 in office in hospital referred to others no contact 	5 11 0 77	7 4 0 87	27 10 & 53
	Muscular dystrophy	 in office in hospital referred to others no contact 	9 9 0 77	6 3 1 88	13 7, 0 68
	Facial trauma from accidents	 in office in hospital referred to others no contact 	62 25 2 20	49 15 6 30	63 15 3 25
	Multiply-handicapped	 in office in hospital referred to others no contact 	18 11 66	21 9 0 67	27 12 0 53
•	Home-bound patient	 in office in hospital referred to others no contact 	5 5 0 82	15 1 0 79	13 3 2 63
1	Nuraing-home patient	 in office in hospital referred to others no contact 	16 11 / .0 71	31 12 0 58	23 10 0 53
	Cleft palate/cleft lip	 in office in hospital referred to others no contact 	34 11 2 52	34 12 0 58	28 8 2 52
	Other craniofacial anomalies	 in office in hospital referred to others no contact 	12 9 2 70	3 4 0 90	13 7 0 70
	Spina bifida	 in office in hospital referred to other no contact 	2 2 0 86	4 0 91	3 3 0 82
	Thalidomide deformities/ similar malformations	 in office in hospital referred to other no contact 	, 5 0 5 . 0 86	0 0 1 97	3 2 0 80
		-41- 29.)	1		

	N =	56	67	60
School 04 continued	• .	<u>1974</u>	<u>1976</u>	<u>1978</u>
Diabetes/other endocrine disturbances	 in office in hospital referred to others no contact 	80 23 0 11	85 15 0 - 6	92 13 2 7
Hemophilia	 in office in hospital referred to others no contact 	12 12 0 70	13 10 1 70	8 8 2 70
Cardiopulmonary disease	 in office in hospital referred to others no contact 	80 23 2 9	84 16 0 9	85 15 0 8
Asthma	 in office in hospital referred to others no contact 	77 20 0 11	78 10 0 12	90 8 2 5
Atherosclerosis	 in office in hospital referred to others no contact 	43 16 0 38	40 7 0 48	78 10 0 10
Emphysema'	 in office in hospital referred to others no contact 	38 20 0 43	48 6 1 45	60 8 2 28
Cystic fibrosis	 in office in hospital referred to others no contact 	5 4 0 84	1 0 0 96	10 3 2 77
Allergic reactions to drugs used in dental treatment	 in office in hospital referred to others no contact 	66 14 4 18	70 7 0 22	67 8 2 22
Autiom	 in office in hospital referred to others no contact 	2 4 0 89	7 1 0 90	8 5 0 75
Hyperactivity	 in office in hospital referred to others no contact 	39 12 2 48	/ 55 6 0 39	52 8 5 30
Other behavior problems	 in office in hospital referred to others no contact 	36 16 11 41	40 6 3 49	53 10 7 23
Leukemia	 in office in hospital referred to others no contact 	11 11 0 75	15 9 1 75	17 12 0 63

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	N	ı □ 56	67	60	
School 04 continued		<u>1974</u>	1976	<u>1978</u>	
Other blood dyserasias	- in office	21	13	18	
	- in hospital	11	10	/	
2	- referred to others	2	1	3	
•	- no contact	61	70	03	
Brain tumora	-/in office	7	3	13	
Profile Compact	- in hospital	5	3	8	
	- referred to others	0	0	4	
	- no contact	80	90	60	
Sarcomaa	- in office	·9	10	5	
Das Como	- in hospital '	5	4	3	
·	- referred to othero	0	— 0	ر ۲	
	- no contact	. 79	84	19	
Squamoun cell carcinoma	- in office	, 18	15	13	
Dyudiioub Gerr dereritous	- in hospital	16	10	10	
No.	- referred to other	4	0) (1)	
	- no contact	62	- 73	07	
	- in office	32	22	28	
Other neoplasms	- in hospital	16	9	13	•
•	- referred to other	, 4) 0	7	
	- no ["] contact	46	(67	48	
Experience in school Course w	ork:				
Neno at all		0	0	2	-
Same mention in pagaing	•	0	0	• 3	
Perhang one specific cou	19e j	. 38	42	°. 15	
Several specific courses	·)	62	57	- 80	ال
Experience in school Clinical	l:				
None at all		0	0	0	
Exposed to one or more		0	0	• 0	u
Treated a handicapped pa	tient	2	6 A/) 07	•
Treated two or more		1 98	94	97	
Would you say you have				• 6	
Actively tried to treat	handicapped?	7	12	61 20	
Treated handicapped when	they appear?	89	83	63	
Generally avoided treati	ng hand1capped?	4	T	* 0	
Was your attitude toward trea	ting handicapped				
changed by achool experiences	•	6.)			C ^{LL}
Yes		06	61	78	•
Yes - became more intere	oted	n	3	0	
Yeo - became less intere	area	36	• ´		
No	tod		15	17	0
No - was already interest No - momentand uninterest	ed	· .	3	3	
0+Po↓ NO → Lemarned Anrucereor			13	2	
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School 04 continued		· •		<u> 1974</u> -	. <u>1976</u>	<u>1978</u>
Have you made any modif handicapped?	ications to y	our office for	. .			
Yes No	• • • • • • • •	• • • • • • • • • • • • • • • • • • •	· 2	······································	•	28 - 55
Modifications:	•		•			- 1984 (* 1. 1.)
Outside entrance Interior doors Bathroom facilitie) S	•	. •	· ·	•	18 20 8
Operatory X-ray facilities Other	quipment .			,		0 7 2 5
Not in private pra	ctice	× ×				18
What contacts have you the handicapped in your	had with orga practice?	nizations for	i	i		
None Incidental with on Close working rela Close working rela	e or more tions with or tions with tw	ne 20 or more		•	•	68 22 2 3
Have you joined the Aca handicapped?	demy of Denti	lstry for the				
Yes No						3 95
Have you been a consult the handicapped?	ant to any gr	coup representi	Ing			•
Yes No	~		×.		•	10 90
Since completing dental additional education on	school, have dentistry fo	e you had any or the handicap	oped?			
Yes No	K	*	4		• .	23 77
If yes, did you		20			۲	
Have full time res . Have one or more s . Do informal readin	idency or gra hort course o g and study?	duate enrollme or workshop?	ent?			15 3 8
What consultations have concerning handicapped	you had with patients?	n medical exper	ts.			
None A few consultation Frequent consultat	s about selec ion about mar	ted patients y patient		, ,	•	22 70 8
•	• •	•	,		-	

(In Percents)

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	"· · ·	N = 23	r 84	71
School 05		<u>1974</u>	<u>1976</u>	<u>1978</u>
How would you describe your curr	ent practice?			
Self-employed professional Professional partnership Employed professional pract Full-time residency or grac Research and/or teaching Military service Other	practice ice luate training	52 21 15 3 1 8 0 4	61 11 8 4 2 5 12	42 13 27 7 6 11 11
Have treated the following				
Mental Retardation	 in office in hospital referred to others no contact 	60 3 5 27	81 6 8 14	61 1 1. 32
Cerebral palsy	 in office in hospital referred to other no contact 	16 1 s 4 70	37 5 2 54	24 4 1 65.
Blindness	 in office in hospital referred to other no contact 	21 1 s 0 66	43 2 0 54	18 3 0 73
Deafness	 in office in hospital referred to other no contact 	41 • 1 • 1 49	57 1 0 38	49 3 0 44
Epilepsy	 in office in hospital referred to other no contact 	71 1 rs 0 22	83 4 1 14	70 4 0 23
Stroke	 in office in hospital referred to other no contact 	40 4 rs 0 52	,61 5 ≬ 0 32	46 6 五 45
Parkinsonism	 in office in hospital referred to other no contact 	15 1 rs 0 74	40 5 0 54	34 1 1 59
Arthritis 🤇	 in office in hospital referred to othe no contact 	71 3 rs 0 22	87 4 0 11	76 1 0 17

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	•	N =	73	84	71
Sc	hool 05 continued		<u>1974</u>	<u>1976</u>	<u>1978</u>
<i>ت</i> م	Poliomyelitis	 in office in hospital referred to others no contact 	11 0 0 81	23 0 0 73	,17 0 0 76
•	Spinal cord injuries	-, in office - in hospital - referred to - no contact	25 1 0 66	19 4 0 73	24 0 0 69
	Multiple sclerosis	 iπ office in hospital referred to others no contact 	22 4 0 66	24 2 0 70	28 0 0 66
	Muscular dystrophy	 in office in hospital referred to others no contact 	10 3 0 78	11 1 0 82 、	13 1 0 79
, *	Facial trauma from accidents	 in office in hospital referred to others no contact 	163 8 0 29	79 7 1 13	63 7 1 25
	Multiply-handicapped	 in office in hospital referred to others no contact 	22 4 0 63	32 5 1 57	18 3 0 72
	Home-bound patient '	- in office - in hospital - referred to others - no contact	10 4 0 78	18 2 0 75	17 0 0 75
:	Nursing-home patient	 in office in hospital referred to others no contact 	36 4 1 53	42 10 0 46	38 4 3 51
	Cleft palate/cleft lip	 in office in hospital referred to others no contact 	34 4 7 52	63 2 0 33	31 3 0. 59
	Other craniofacial anomalies	 in office in hospital referred to others no contact 	11 3 3 73	21 2 4 68	14 1 0 79
	Spina bifida	 in office in hospital referred to others no contact 	5 - 1 0 85	10 1 0 85	1 0 0 92
i	Thalidomide deformities/ similar malformations	 in office in hospital referred to others no contact 	0 1 0 90	0 1 0 92	4 0 0 86
	•	-*@- 300	70 † ()	•	•

School 05 continued	N =	73 . <u>1974</u>	84 <u>1976</u>	71 <u>1978</u>
Diabetes/other endocrine disturbances	 in office in hospital referred to others no contact 	86 3 1 7	95 , 4 0 5	86 6 0 ¥ 10
Hemophilia	 in office in hospital referred to others no contact 	8 4 7 71	21 1 6 68	18 6 .0 70
Cardiopulmonary disease	- in office - in hospital - referred to others - no contact	74 4 8、~ 12	79 6 1 17	79 4 0 17
Asthma	 in office in hospital referred to others no contact 	84 •• 3 0 ~ 11	89 * 4 · · · · · 0 · 10	83 3 0 10
Atherosclerosis	 in office in hospital referred to others no contact 	52 3 1 40	64 4 1 31	66 0 24
Emphysema	 in office in hospital referred to others no contact 	52 3 1 40	67 4 0 27	63 3 0 30
Cystic fibrosis	<pre>in office - in hospital - referred to others - no contact</pre>	3 1 1 86	5 0 0 90	7 30 0 83
Allergic reactions to drugs used in dental treatment	 in office in hospital referred to others no contact 	73 5 0 18	⁶ 68 6 0 30	66 3 0 27
Autism	 in office in hospital referred to others no contact 	0 1 0 86	11 2 1 . 80	4 0 0 86
Hyperactivity	- in office - in hospital - referred to others - no contact	53 1 5 38	67 4 24	49 1 ⊾ 1 44
Other behavior problems	 in office in hospital referred to others no contact 	49 3 5 34	54 ^{&&} 2 5 31	54 4 3 34
, Leukemia	 in office in hospital referred to others no contact 	8 5 1 79	15 1° 1 80	18 - 4 - 0 69

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		N~ =	73	84	71
School 05 continued			<u>1974</u>	<u>1976</u>	<u>1978</u>
Other blood dyscrasias	 in office in hospital referred to oth no contact 	ers	21 4 0 67	24 2 2 64	37 0 0 55
Brain tumors	 in office in hospital referred to oth no contact 	ers	14 ` 0 0 81	18 1 0 77	13 1 . 0 79
Sarcomas,	 in office in hospital referred to oth no contact 	ers	7 1 · 0 84	[™] 6 °0 0 88	$ \int_{1}^{11} \int_{79}^{11} $
Squamous cell carcinoma .	 in office in hospital referred to oth nò contact 	ers	26 5 1 63	26 2 0 67	20 3 3 69
Other neoplasms	- in office - in hospital - referred to oth - no contact	ers	23 5 1 63	40 5 4 49	37 3 3 52
Experience in school - Course wo	ck:	÷ .	•		
None at all Some mention in passing Perhaps one specific course Several specific courses	2	•	1 51 30 15	0 6 38 50	0 8 49 41
Experience in school - Clinical:			•		
None at all Exposed to one or more Treated a handicapped patio Treated two or more	ent		18 30 27 22	4 6 14 75	0 6 14 80
Would you say you have	· .				
Actively tried to treat har Treated handicapped when th Generally avoided treating	ndicapped? ney appear? handicapped?		1 93 3	8 89 0	8 85 3
Was your attitude toward treating changed by school experiences?	ng handicapped				
Yes Yes - became more intereste Yes - became less intereste No	ed ed		37	60 1	72 3
No - was already interested No - remained uninterested Other.	f ^o		00	20 2 12	15 1 6

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· · · · · · · · · · · · · · · · · · ·	N =	/3	04	/1
School <u>05</u> continued	ß	<u>1974</u>	<u>1976</u>	<u>1978</u>
Have you made any modifications to your office for handicapped?				
Yes No	۰ •			24 . 55
Modifications:	•		-	
Outside entrance Interior doors Bathroom facilities Provided special equipment Operatory X-ray facilities Other Not in private practice		•		17 14 18 4 \ 1 0 1 21
What contacts have you had with organizations for the handicapped in your practice?				
None Incidental with one or more Close working relations with one Close working relations with two or more		•	. "	80 20 0 0
Have you joined the Academy of Dentistry for the handicapped?			,	
Yes' No			a a	0 100
Have you been a consultant to any group representing the handicapped?	3		*	
Yes No	•		.e.	1 99
Since completing dental school, have you had any additional education on dentistry for the handicappe	ed?			
Yes No				8 90
If yes, did you			·, 9 *	
Have full time residency or graduate enrollment Have one or more short course or workshop? Do informal reading and study?	±?			1 4 2
What consultations have you had with medical experts concerning handicapped patients?	3			
None A few consultations about selected patients Frequent consultation about many patient				41 56 1

(In Percents)

School 06 1974 1976 1978 How would you describe your current practice? 30 54 60 Professional partnershp 17 21 17 Employed professional practice 23 4 18 Employed professional practice 23 4 18 Professional partnershp 17 21 17 Full-time residency or graduate training 2 0 2 Research and/or teaching 11 4 2 0 Have treated the following 11 4 2 7 Mental Retardation - in office 16 62 71 in hospital 17 12 2 2 Cerebral palsy - in office 19 25 37 in hospital 9 8 6 - 70 62 56 Blindness - in office 17 46 31 - referred to others 0 0 0 - Deafn		N =	47	24	89
How would you describe your current practice? 30 54 60 Self-employed professional practice 23 4 18 Professional partnership 17 21 17 Employed professional practice 2 0 2 Research and/or teaching 11 4 6 Military service 11 4 6 Other 17 12 2 Have treated the following - in office 16 12 7 - in hospital 17 12 2 22 Mental Retardation - in office 19 25 37 - no contact 19 25 37 - - in office 19 25 37 - - in office 19 8 6 - - in office 17 46 31 - - in office 17 46 31 - - in office 16 58 56 -	School 06		<u>1974</u>	1976	<u>1978</u>
Now would you describe your current presents 30 54 60 Self-employed professional practice 23 4 18 Employed professional practice 17 21 17 Full-time residency or graduate training 2 0 2 Research and/or teaching 11 4 6 Military service 17 12 2 Other - in office 66 62 71 Have treated the following - in office 19 25 37 Mental Retardation - in office 19 25 37 - no contact 19 8 6 - referred to others 0 8 0 - no contact 70 62 54 Blindness - in office 17 26 54 - referred to others 0 0 0 0 - no contact 70 62 54 56 - for force 17 26 53 56 - no contact 70 66 37 63 31		rrent practice?		ę, e	
Professional partnership 17 21 17 Employed professional practice 17 21 17 Full-time residency or graduate training 4 4 2 Research and/or teaching 11 4 6 Military service 11 4 6 Other 17 12 2 Have treated the following - in office 66 62 71 mental Retardation - in office 17 25 22 Cerebrai palsy - in office 19 25 37 - in hospital 9 8 6 70 62 54 Blindness - in office 17 46 31 31 6 61 - referred to others 0 0 0 0 0 0 0 - no contact 74 50 61 33 34 7 62 54 - no contact 70 62 58 56 56 56 56 56 56 56 56 56 57 <td>How would you describe your cu Self-employed proféssiona</td> <td>1 practice</td> <td>30 23</td> <td>54 4</td> <td>60 1.8</td>	How would you describe your cu Self-employed proféssiona	1 practice	30 23	54 4	60 1.8
Full-time residency of gradient transfer 2 0 2 Research and/or teaching 11 4 6 Military service 17 12 2 Other 17 12 2 Have treated the following - in office 66 62 71 Have treated the following - in office 66 62 71 Have treated the following - in office 17 12 7 - in hospitâl 17 12 52 22 Cerebral palsy - in office 19 25 37 - in office 19 25 34 6 - referred to others 0 8 0 6 - no contact 70 62 54 34 Blindness - in office 17 46 31 - no contact 74 50 63 Deafness - in office 45 58 56 - in office 66 83 79 - - no contact 11 13 8 <td< td=""><td>Professional partnership Employed professional pra</td><td>ctice</td><td>17 4</td><td>21 4</td><td>17 2</td></td<>	Professional partnership Employed professional pra	ctice	17 4	21 4	17 2
Other 17 12 Have treated the following Mental Retardation - in office 66 62 71 referred to others 2 4 2 7 7 12 7 referred to others 2 4 2 2 2 2 2 Cerebral palsy - in office 19 25 37 - 11 66 6 0 - 0 0 0 - 0 0 0 - 0 0 0 - 0 0 0 - 0 0 0 - 0 0 0 0 0 - 0 <	Full-time residency or gr Research and/or teaching Military service		2 11 17	0 4 12	2 6 2
Have treated the following - in office 66 62 71 Mental Retardation - in hospitAl 17 12 7, referred to others 2 4 2 recerberal palsy - in office 19 25 37 - in hospital 9 8 6 - referred to others 0 8 0 - no contact 70 62 54 Blindness in office 17 46 31 - in hospital 2 8 3 3 - referred to others 0 0 0 0 - no contact 74 50 63 3 - in hospital 2 8 4 - - referred to others 0 0 0 0 - no contact 74 50 63 79 - in hospital 2 8 4 - referred to others 0 0 - no contact 74 38 38 - - 13 8 3	Other	1	17	16	
Mental Retardation - in office 66 62 71 - in hospitAl 17 12 7, - referred to others 2 4 2 - no contact 21 25 22 - no contact 19 25 37 - in hospital 9 8 6 - referred to others 0 8 0 - no contact 70 62 54 Blindness in office 17 46 33 - in hospital 0 0 0 0 - no contact 74 50 63 3 - referred to others 0 0 0 0 - no contact 74 50 63 3 Deafness - in office 45 58 56 - in hospital 0 0 0 0 - no contact 47 38 38 3 - referred to others 0 0 1 1 - no contact 21 12 18 3<	Have treated the following				
- referred to others 2 4 2 - no contact 21 25 22 - no contact 19 25 37 - in office 19 25 37 - in hospital 9 8 6 - referred to others 0 8 0 - no contact 70 62 54 Blindness - in office 17 46 33 - referred to others 0 0 0 - no contact 74 50 63 Deafness - in office 45 58 56 - in hospital 2 8 4 - referred to others 0 0 0 - no contact 74 58 56 - in hospital 2 8 4 - referred to others 0 0 0 - no contact 47 38 38 - po contact 21 12 18 Stroke - in office 32 46 33 - no conta	Mental Retardation	- in office - in hospital	66 1 [.] 7	62 12	71 7.
Cerebral palsy - in office 19 25 37 - in hospital 9 8 6 - referred to others 0 8 0 - no contact 70 62 54 Blindness - in hospital 2 8 3 - in hospital 2 8 3 3 - referred to others 0 0 0 0 - no contact 74 50 63 Deafness - in office 45 58 56 - in hospital 2 8 4 - referred to others 0 0 0 - no contact 47 38 38 Epilepsy - in office 66 83 79 - in hospital 6 8 60 - referred to others 0 0 0 - no contact 13 8 60 - referred to others 0 0 0 - no contact 55 33 37 Parkinsonism - in office		 → referred to others → no contact 	2 21	4 25	2 22
- in hospital 9 8 0 - referred to others 0 8 0 - no contact 70 62 54 Blindness - in office 17 46 33 - in office 17 46 33 - in office 17 46 33 - in office 17 46 33 - referred to others 0 0 0 - no contact 74 50 63 Deafness - in office 45 58 - in hospital 2 8 4 - referred to others 0 0 0 - no contact 47 38 38 Epilepsy - in office 66 83 79 - in hospital 13 8 3 3 - referred to others 0 0 1 1 Stroke - in office 38 58 60 - in hospital 6 8 2 - - referred to others 0 0	· Cerebral palsy	- in office	19	25	37
Blindness - in office 70 62 54 Blindness - in office 17 46 33 - in office 2 8 3 - referred to others 0 0 0 - no contact 74 50 63 Deafness - in office 45 58 56 - in hospital 2 8 4 - referred to others 0 0 0 - no contact 74 50 63 Deafness - in office 45 58 56 - in hospital 13 8 3 3 - referred to others 0 0 0 1 - no contact 21 12 18 3 Stroke - in office 38 58 60 - referred to others 0 0 0 0 - no contact 55 33 37 37 Parkinsonism - in office 32 46 33 - in office - in office 79<	Gerebro: Persy	- in hospital	9 . 0	8 8	0
Blindness - in office 17 46 21 - in hospital 2 8 3 - referred to others 0 0 - no contact 74 50 63 Deafness - in office 45 58 56 - in hospital 2 8 4 - referred to others 0 0 0 - no contact 47 38 38 Epilepsy - in office 66 83 79 - in hospital 13 8 3 - referred to others 0 0 1 - no contact 21 12 18 Stroke - in office 38 58 60 - referred to others 0 0 0 0 - no contact 21 12 18 Stroke - in office 38 58 60 - referred to others 0 0 0 0 - referred to others 0 4 0 0 - no contact <t< td=""><td></td><td>- no contact</td><td>70</td><td>62</td><td>54</td></t<>		- no contact	70	62	54
- in hospital 2 8 3 - referred to others 0 0 0 - no contact 74 50 63 Deafness - in office 45 58 56 - in hospital 2 8 4 - referred to others 0 0 0 - no contact 47 38 38 Epilepsy - in office 66 83 79 - in hospital 13 8 3 - referred to others 0 0 1 - no contact 21 12 18 Stroke - in office 38 58 60 - in hospital 6 8 6 6 - referred to others 0 0 0 0 - no contact 55 33 37 Parkinsonism - in office 32 46 33 - referred to others 0 4 0 - no contact 60 4 0 - no contact 60 4		- "in office	17	46	. 33
- referred to others0000- no contact745063- no contact745063- no contact284- referred to others00- no contact473838Epilepsy- in office668379- in hospital1383- referred to others001- no contact211218Stroke- in office385860- in office385860- no contact553337Parkinsonism- in office324633- in hospital682,- referred to others040- no contact604260Arthritis- in office798385- in hospital484- referred to others000- no contact604260- no contact604260- no contact604260- referred to others000- no contact6044- referred to others00- no contact604260- no contact6044- referred to others00- referred to others00- referred to others00- referred	Blingness	- in hospital	2	8	<u> </u>
Deafness - in office 45 58 56 - in hospital 2 8 4 - referred to others 0 0 0 - no contact 47 38 38 Epilepsy - in office 66 83 79 - in hospital * 13 8 3 - referred to others 0 0 1 - no contact 21 12 18 Stroke - in office 38 58 60 - in hospital 6 8 6 - referred to others 0 0 0 - no contact 55 33 37 Parkinsonism - in office 32 46 33 - in hospital 6 8 2, - referred to others 0 4 0 - no contact 60 42 60 - in hospital 6 8 2, - referred to others 0 4 8 - in hospital 4 8 4	~	 referred to others no contact 	74	50	63
Deafness- in borpital284- in hospital284- referred to others00- no contact473838Epilepsy- in office668379- in hospital1383- referred to others00- no contact211218Stroke- in office385860- in hospital686- referred to others00- no contact553337Parkinsonism- in office324633- in hospital682,- referred to others040- no contact604260Arthritis- in office798385- in hospital484- referred to others000	o		45	58	56
- referred to others000 $-$ no contact473838 $-$ no contact473838 $-$ in office668379 $-$ in hospital1383 $-$ referred to others001 $-$ no contact211218Stroke $-$ in office385860 $-$ in office385860 $-$ in hospital686 $-$ referred to others00 $-$ no contact553337Parkinsonism $-$ in office324633 $-$ in hospital682, $-$ referred to others040 $-$ no contact604260Arthritis $-$ in office798385 $-$ in hospital484 $-$ referred to others000 $-$ referred to others000 $-$ in hospital484 $-$ referred to others000 $-$ in hospital484 $-$ referred to others000 $-$ referred to others000 $-$ referred to others000 $-$ referred to others000 $-$ referred to others000 $-$ referred to others000 $-$ referred to others00 <td< td=""><td>Deafness</td><td>- in hospital</td><td>2</td><td>8</td><td>4</td></td<>	Deafness	- in hospital	2	8	4
Epilepsy- no contact 47 36 36 Epilepsy- in office 66 83 79 - in hospital $^{\circ}$ 13 8 3 - referred to others001- no contact 21 12 18 Stroke- in office 38 58 60 - in hospital6 8 6 - referred to others00- no contact 55 33 Parkinsonism- in office 32 46 - in office 32 46 33 - referred to others0 4 0 - no contact 60 42 60 Arthritis- in office 79 83 85 - in hospital 4 8 4 - referred to others 0 0 - in office 79 83 85 - in hospital 4 8 4 - referred to others 0 0 - in hospital 4 8 4 - referred to others 0 0 - in hospital 4 8 4 - referred to others 0 0	,	- referred to others	0	0	0 38
Epilepsy- in office 66 83 79 - in hospital1383- referred to others00- no contact2112Stroke- in office3858- in office385860- in hospital686- referred to others00- no contact553337Parkinsonism- in office324633- referred to others040- no contact604260Arthritis- in office798385- in hospital484- referred to others000	· · ·	- no contact	47	00	. 70
- in hospital - iso 0 0 1 - referred to others 0 0 1 12 18 - no contact 21 12 18 6 6 6 6 - in office 38 58 60 6 7	Epilepsv	- in office	66 * 1 3	83	. 3
Stroke- in office 21 12 18 - in office 38 58 60 - in hospital 6 8 6 - referred to others 0 0 - no contact 55 33 37 Parkinsonism- in office 32 46 33 - in hospital 6 8 2 - referred to others 0 4 0 - no contact 60 42 60 Arthritis- in office. 79 83 85 - in office. 79 83 85 - in hospital 4 8 4 - referred to others 0 0 O0 0 0		- in hospital	- 0	U I	1
Stroke - in office 38 58 60 - in hospital 6 8 6 - referred to others 0 0 0 - no contact 55 33 37 Parkinsonism - in office 32 46 33 - in hospital 6 8 2, - referred to others 0 4 0 - no contact 60 42 60 Arthritis - in office 79 83 85 - in hospital 4 8 4 - referred to others 0 0 0 - in hospital 4 8 4 - referred to others 0 0 0	•	- no contact	21	12	18
Stroke- in hospital686- referred to others00- referred to others00- no contact553337Parkinsonism- in office32-4633- in hospital682,- referred to others040- no contact604260Arthritis- in office798385- in hospital484- referred to others000- referred to others000	Stroke	- in office	38	58	60
- referred to others000- no contact 55 33 37 - no contact 55 33 37 - in office 32 46 33 - in hospital 6 8 2 ,- referred to others 0 4 0 - no contact 60 42 60 Arthritis- in office 79 83 85 - in hospital 4 8 4 - referred to others 0 0 0 - referred to others 0 0 0	Scroke ,	- in hospital	6	8	. 6
$-$ no contact555557Parkinsonism $-$ in office 32^{-} 46 33 $-$ in hospital 6 8 2 , $-$ referred to others 0 4 0 $-$ no contact 60 42 60 Arthritis $-$ in office 79 83 $-$ in hospital 4 8 $-$ referred to others 0 0 0 0 0		- referred to others	0	0	37
Parkinsonism- in office 32° 46 33 - in hospital682,- referred to others040- no contact604260Arthritis- in office798385- in hospital484- referred to others000	•	- no contact	22		, r 20
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Parkinsonism	- in office	32	46 8	2
- referred to others 0 42 60 $-$ no contact 60 42 60 $-$ no contact 60 42 60 $-$ in office 79 83 85 $-$ in hospital 4 8 4 $-$ referred to others 0 0 0 $-$ referred to others 0 0 0		- in hospital	0	- 4	. 0
Arthritis- in office798385- in hospital484- referred to others $0 \approx 0$ 0 - referred to others131210		- no contact	60	42	60
$\begin{array}{cccc} - \text{ in hospital} & 4 & 8 & 4 \\ - \text{ referred to others} & 0 & 0 & 0 \\ - \text{ referred to others} & 13 & 12 & 10 \end{array}$	Arthritis	- in office	79	83	85
$- referred to others 0 \approx 0 0 0$	ALLILL GLO	- in hospital	4	8	4
		- referred to others	0 13	∾ U 12	10



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	N ==	47	24	89
School <u>06</u> continued	o	<u>1974</u>	<u>1976</u>	<u>1978</u>
Poliomyelitis	 in office in hospital referred to others no contact 	19 2 0 72	~12 8 0 79	17 2 0 76
Spinal cord injuries	 in office in hospital referred to no contact 	19 4 0 72	17 ° 8 0 75	31 4 0 63
Multiple sclerosis	 in office in hospital referred to others no contact 	26 ~ 6 0 64	25 8 0 67	37 4 2 58
Muscular dystrophy	 in office in hospital referred to others no contact 	2 0 0 91	17 8 0 75	16 2 0 78
Facial trauma from accidents	 in office in hospital referred to others no contact 	64 17 2 28	62 12 0 29	74 6 1 20
Multiply-handicapped >	 in office in hospital referred to others no contact 	21 11 _ 0 64	25 8 0 71	38 4 0 54
Home-bound patient	 in office in hospital referred to others no contact 	6 4 0 81	25 8 0 71	20 4 0 71
Nursing-home patient .	 in office in hospital referred to others no contact 	49 6 0 43	38 12 4 50	56 18 0 31
Cleft palate/cleft lip	 in office in hospital referred to others no contact 	38 6 2 53	62 8 = 0 33	7.4 3 2. 51
Other craniofacial anomalies	 in office in hospital referred to others no contact 	6 0 2 , 83	12 8 0 79	11 1 1 81
Spina bifida	 in office in hospital referred to others no contact 		0 4 0 96	2 2 0 91
Thalidomide deformities/ similar malformations	 in office in hospital referred to others no contact 	2 2 0 89	0 4 0 92	3 1 1 91

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school Of continued	· · · · · · · · · · · · · · · · · · ·	N ≖	47 1974	24 1976	• 89 - 1978
Diabétes/other endocrine disturbances	 in office in hospital referred to other no contact 	9	83 13 0 6	96 8 0 0	91 7 0 6
Hemophilia	 in office in hospital referred to other no contact 	8	21 9 2 68	8 12 0 79	17 3 2 75
Cardiopulmonary disease	 in office in hospital referred to other no contact 	5	81 13 9	79 8 4 12	84 8 2 11
Asthma	 in office in hospital referred to other no contact 	:8	77 6 0 15	83 8 0 12	88 6 1 9
Atherosclerosis	 in office in hospital referred to other no contact 	1 5	43 6 0 49	50 8 0 42	56 7 1 37
, Emphysema	- in office - in hospital - referred to other - no contact	5 8	57 6 0 34	67 8 0 29	72 6 0 24
Cystic fibrosds	 in office in hospital referred to other no contact 	re	2 2 0 91	4 8 0 88	7 1 0 88
Allergic reactions to drugs used in dental treatment	 in office in hospital referred to other no contact 	r 8	70 9 2 21	50 8 0 46	-72 7 4 26
Autism	 in office in hospital referred to othe no contact 	r 6 .	6 0 0 87	0 0 0 96	8 1 2 85
Hyperastivity	 in office in hospital referred to othe no contact 	rs	43 4 2 43	50 8 0 42	60 3 2 36
Other behavior problems	 in office in hospital referred to othe no contact 	ro	51 6 6 36	21 4 0 67	65 6 10 27
l.eukentti	 in office in hospital referred to othe no contact 	ro	13 6 0 77	8 4 10 88	19 6 1 73



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School <u>06</u> continued	<u>19</u>	<u>)74 1</u>	<u>.976 1978</u>
Other blood dyscrasias - in office - in hospital - referred to other - no contact	រទ ទ	.9 9 2 58	21 26 8 4 0 2 71 64
Brain tumors - in office - in hospital - referred to other - no contact	1 *8	7 2 0 74	172484007970
Sarcomas - in office - in hospital - referred to other - no contact	1 :s 8	.1 0 0 33	12 13 8 3 0 2 79 79
Squamous cell carcinoma - in office - in hospital - referred to other - no contact	1 :s 7	9 6 0 70	8 19 8 6 4 4 79 71
Other neoplasms - in office - in hospital - referred to other - no contact	:9 •	26 6 2 58	17 27 4 6 4 1 75 64
Experience in school - Course work:			
None at all Some mention in passing Perhaps one specific course Several specific courses	. 2	9 53 28 9	0 0 54 7 25 55 21 38
Experience in school - Clinical:			•
None at all Exposed to one or more Treated a handicapped patient Treated two or more]] 2 2	3 · 7 26 40 ·	1713211825213847
Would you say you have	•		نې
Actively tried to treat handicapped? Treated handicapped when they appear? Generally avoided treating handicapped?	1 {	1 37 2	17 11 79 85 4 0
Was your attitude toward treating handicapped changed by school experiences?		•	. .
Yes Yes - became more interested Yes - became less interested No No - was already interested No - remained uninterested	· 4	51	21 47 8 6 50 33 8 8
Other			8 4



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24 89 ´N ⊐ 47 1974 1976 1978 School 06 continued Have you made any modifications to your office for handicapped? 26 Yes 62 No Modifications: 16 Outside entrance 15 Interior doors 17 Bathroom facilities 2 Provided special equipment 8 Operatory 3 X-ray facilities 6 Other 1,1 Not in private practice What contacts have you had with organizations for the handicapped in your practice? 72 None 24 Incidental with one or more 2 Close working relations with one 2 Close working relations with two or more Have you joined the Academy of Dentistry for the handicapped? 0 Yes 100 No Have you been a consultant to any group representing the handicapped? 2 Yes 98 No since completing dental school, have you had any additional education on dentistry for the handicapped? 21 Yes 78 Nu If yes, did you 7 Have full time residency or graduate Enrollment? Have one or more short course or workshop? 6 13 Do informal reading and study? What consultations have you had with medical experts concerning handicapped patients? 26 None 69

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A few consultations about selected patients Frequent consultation about many patient

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(In Percents)

\mathbf{N}	N =	29	10	40
School <u>07</u>	• · · · ·	<u>1974</u>	<u>1976</u>	<u>1978</u>
How would you describe your cu	rrent practice?			• , •
Self-employed professional Professional partnership Employed professional prac Full-time residency or gra Research and/or teaching	l practice ctice aduate training	66 21 14 0 0	40 0 0 10	58 25 5 2 5
' Military service Other		. /	40 20	2
Have treated the following				
Mental Retardation	 in office in hospital referred to others no contact 	69 3 7 24	50 20 0 20	72 22 0. 18
Cerebral palsy	 in office in hospital referred to others no contact 	38 0 0 - 55	40 30 0 30	40 5 0 48
Blindness	 in office in hospital referred to others no contact 	28 3 0 . 62	20 0 0 60	30 10 0 58
Deafness	 in office in hospital referred to others no contact 	34 3 0 59	. 10 0 0 60	40 8 0 45
Epilepsy	 in office in hospital referred to others no contact 	69 - 3 - 0 17	60 0 ~ 0 20	72 8 0 20
Stroke ,	 in office in hospital referred to others no contact 	45 7 3 41	, 40 20 0 30	58 - 8 0 35
Parkinsonism	 in office in hospital referred to others no contact 	21 0 0 69	20 0 0 60	38 5 0 55
Arthritis .	 in office in hospital referred to others no contact 	83 0 0 14	30 10 0 40,	82 5 0 15

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	N =	29 1974	10 1976	40 <u>1978</u>
School <u>07</u> continued f	 in office in hospital referred to others no contact 	28 0 0 66	10 0 0 70,	15 5 0 72
Spinal cord injuries	 in office in hospital referred to no, contact 	7 3 ♪ 0 83	20 10 0 50	25 8 * 0 * 68 *
Multiple sclerosis	<pre>- in office ,^p - in hospital - referred to others - no contact</pre>	21 · 7 0 66	20 0 0 60	32 2 0 60
Muscular dystrophy	 in office in hospital referred to others, no contact 	7 3 0 83	20 0 0 60	22 5 0 65
Facial trauma from accidents	 in office in hospital referred to others no contact 	62 10 , 3 21	40 10 10 30	62 10 0 32
Multiply-handicapped	<pre>(- in office - in hospital - referred to others - no contact</pre>	24 3 3 66	30 20 0 40	40 10 0 48
Home-bound patient	 in office in hospital referred to others 'no contact 	14 3 0 69	20 0 0 60	25 5 0 62
Nursing-home patient	 in office in hospital referred to others no contact 	52 14 0 31	30 10 0 50	62 10 0 28
Cleft palate/cleft lip	 in office in hospital referred to others no contact 	31 3 0 66	30 20 0 30	• 42 5 2 · 55
Other craniofacial anomalies	 in office in hospital referred to others no contact 	, 10 0 3 76	10 0 70	15 15 0 70
Spina bifida	 in office in hospital referred to others no contact 	0 3 3 90	10 10 0 60	10 5 \0 80
Thalidomide deformities/ similar malformations	 - Rin office - in hospital - referred to others - no contact 	0 - 0 - 0 90	0 0 0 80	2 2 0 85

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• •	•	N =	29	10	40
S	chool 07 continued	•	1974	<u>1976</u>	1978
	Diabetes/other.endocrine disturbances	 in office in hospital referred to others no contact 	97 7 0 3	60 10 0 10	88 10 5 2
č	Hemophilia	 in office in hospital referred to others' no contact 	-21 3 0 66	10 10 0. 60	15 8 2 62
	Cardiopulmonary disease	 in office in hospital referred to others no contact 	76 10 10 10 7	60 - 10 0 10	88 10 5 5
, ×	As thma	 in office in hospital referred to others no contact 	72 3 0 21	60 10 0 0	88 10 0 5
	Atherosclerosis .	 in office in hospital referred to others no contact 	28 3 0 59	。 50 10 0 20	60 10 0 25
	Friphysema •	 in office in hospital referred to others no contact 	59 3 0 31	40 10 ° 0 30	52 5 क 2 , 38
9 8	Cystic fibrosis	<pre>- in office - in hospital - referred to others - no dontact</pre>	7 0 0 83	0 - 0 - 0 - 80	22 5 .0 62
	. Allergy reactions to drugs used in dental treatment	- #n office - In hospital - referred to others - no contact	76 3 0 21	. 60 10 0 20	52 √ 8 2 32
	Autism	 in office in hospital referred to others no contact ° 	`0 0 0 86	0 10 0 70	2 5 0 & 82
	Hyperactivity	 in office in hospital referred to others no contact 	$ \begin{pmatrix} 59\\ 3\\ 3\\ 31 \end{pmatrix} $	20 * 10 0 50	42 5 5 42
•	Other behavior problems	 in office in hospital referred to others no contact 	34 3 7 52	<pre>40 10 0 40</pre>	40 12 8 40
• • •	Leukemia 0	 in officer in hospital referred to others no contact 	17 3 0 72	10 10 0 60	15 8 0 70
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	1 N	20	10	40
	N =	29	10	40
School <u>07</u> continued		<u>1974</u>	<u>1976</u>	<u>1978</u>
Other blood dynamics - in office		21	20	15
- in hospita	1	0	10	8
- referred t	o others	3	0	2
, – no contact		66	50	62
Brain tumors - in office		10	10	15
- in hospita	1	0	0.	5 ···
	o others	- 0 79	70	72
	• *	· · · ·	10	19
Sarcomas – in office	.1	0	10	2
- referred t	to others	3	0	2
- no contact	t	79	60	68
Severage coll envelopment - in office	·	7	10	30
- in hospita	al, '	3	10	Å
- referred	to others	3	10 °	2
- no contac	E .	79 ,	50	00
Other nepplasms - in office		28	30	32
- in hospit	al	· 0	- 10	
- referred	to otners	55	40	58
	-		. 🗶	
Experience in school - Course work:	1	<u>,</u>		
None at all		3	0	0
Some mention in passing '		86	20	20
" Perhaps one specific course		, 1 , 3	- 40 40	35
Several specific courses	•		<i>»</i>	
Experience in school - Clinical:	, ¹ (e í	_
None at all	•	45 °	0	0
Exposed to one or more	· · · · · · · · · · · · · · · · · · ·	<u>1</u> 4	0	12
Treated a handicapped patient	•	14	90	85
ILEALEU LWO OI pmore	. .	0		:
Would'you say you have	•	,	20	10
Actively tried to treat handicapped?		86	20 70	82
Treated handicapped when they appear:	2	7	0	0.
Generally avoided treating menadopped	ad		c	
Was your attitude toward treating nandicappe	54			х. Х.
changed by benoor experiences.		10		
Yes the more interested		· T O	70 ₃	48
Yes - became less interested	2	•	0	0
No		86		` ~~
No - was already interested	·	. •	20	35
No - remained uninterested		~		10
Other , 🔦			•	•
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-1 -1 07 M			107/	1074	1070
chool <u>07</u> continued			1974	19/6	<u>1978</u>
Have you made any modification handicapped?	ons to your offic	e for	· · · ·	 	·····
Тев No					20 70
Modifications:	••				
Outside entrance Interior doors Bathroom facilities Provided special equipm Operatory X-ray facilities Other Not in private practice	ent	· · · · · · · · · · · · · · · · · · ·		•	18 12 8 0 2 5 0 10
What contacts have you had w the handicapped in your prac	ith organizations tice?	fot	•	s.e	• • •
None Incidental with one or Close working relations Close working relations	more with one with two or more	2			75 22 2 0
Have you joined the Academy handicapped?	of Dentistry for	the		•	
Y es No			\$		0 100
Have you been a consultant t the handicapped?	o any group repre	sen ting		•	· · ·
Yes No	6	•			12 88
Since completing dental scho additional education on dent	ol, have you had istry for the har	a n y dicap ped?			
Yes J No	i .	•		•	12 82
Have full time residenc Have one or more short Do informal reading and	y or graduate en course or worksho study?	o llment? pp?		•	12 2 5
What consultations have you concerning handicapped patie	had with medical ents?	experts		,	· ·
None A few consultations abo Frequent consultation a I	out selected patient bout many patient	ents :			20 62 15

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(In Percents)

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	N =	69	90	79
School 10		<u>1974</u>	1976	<u>1978</u>
	aurrant practice?	÷		• •
How would you describe your	current practice.	71	66 [°]	75
Self-employed profession	onal practice	/4	2	5
Professional partnershi	Lp	- 0 - 2	<u>с</u> Б	3
Employed professional p	practice *	0	· 7	· 4
Full-time residency or	graduate training	1	7a* 2	1 0
Research and/or teaching	ng ·	0	· 4	5
Military service		э., 6	13	10
Other	٠(U I		
Have treated the following		• •		
	- in office	58	73	· 72
Mental Retardation	- in hospital	ູ່ 9	* * 9 ·	* 4
	- referred to others	່ ້ 3	6.	8
	- no contact	29	12	18
		10	32	43
Cerebral palsy	- in office	7	° 4	1
· ·	- in hospital	, 0	. 0	1
	- referred to others	61	ຶ້53	47
	- no contact	Ŭ1		10 -
Rlindness	- in office	30	34	40
Blindness	- in hospital	1	4	··· L 1
	- referred to others	0	0	1 (0
	- no contact	59	50	48
		48	59	58
Deafness	- in bosnital	6	3	3
	- referred to others	0	0	0
		` 39	31	33
, ,		80	76	80
Epilepsy	- in office	00 م	70	5
-	- in hospital	· 0	,	0
	- referred to others	12	. 13	14
	- no contact	~ ?	·	
Stroke	- in office	54	54	ره. ۸
	- in hospital	. /	4	
	 referred to others 	1	23	25
	- no contact	, 29		23
Parkinsonism	- in office	20	29	35
I AIRINSONIS.	- in hospital	3	1	4
	- referred to others	0	0	U 5 4
	- no contact	67	50	, 54 °
	- in office	84	80 [×]	87
Arthritis	- in hospital '	6	8	4
	- referred to others	0	. 0	1
~	- no contact	7	9.	6

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School 10 continued.		<u>1974</u>	· <u>1976</u>	<u>1978</u>
Poliomyelitis	 in office in hospital referred to others no contact 	22 1 0 68	20 0 0 64	19 1 0 74
Spinal cord injuries	 in office in hospital° referred to no contact 	22 4 0 67	20 7 0 62	20 5 1 67
Multiple sclerosis	 in office in hospital referred to others no contact 	16 4 0 70	14 1 0 * '67	23 4 0 67
Muscular dystrophy	 in office in hospital referréd to others no contact 	9 3 0 80	13 0 0 69	11, 3 0 76
Facial trauma from accidents	 in office in hospital referred to others no contact 	57 10 4 28	70 10 2 18	71 ' 6 · 8 20
Multiply-handicapped	- in office - in hospital - referred to others - no contact	33 6 3 52 •	31 7 0 51	44 4 5 48
Home-bound patient	 in office in hospital referred to others no contact 	14 6 0 70	19 [°] 4 0 63	23 1 0 61
Nursing-home patient	 in office in hospital referred to others no contact 	32 16 1 43	34 4 1 48	43 10 3 44
Cleft palate/cleft lip	- in office - in hospital - referred to others - no contact	35 4 1 58	34 4 3 49	27 1`` 5 62
Other craniofacial anomalies	 in office in hospital referred to others no contact 	14 1 0 75	17 3 0 68	15 3 4 70
Spina bifida	 in office in hospital referred to others no contact 	3 3 0 86	10 1 0. 76	8 1 0 80
Thalidomide deformities/ similar malformations	 in office in hospital referred to others no contact 	4 `0 0 83	2 0 1 80	1 0 0 87



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v		N =	69	90	79
Scl	hool 10 continued	· · ·	<u>1974</u>	<u>1976</u>	<u>1978</u>
	Diabetes/other endocrine disturbances	- in office - in hospital)0 6	86 9	92 . 4
•		 referred to others no contact 	3	3	4
	Hemophilia	- in office - in hospital - referred to others	4	· · · 3 7	4 6 6
		- no contact	75	74	89 89
	Cardiopulmonary disease	 in bille in hospital referred to others no contact 	7 4 13	8 1 13	8 3 5 _~
	Asthma	- in office - in hospital	81 6	77 8	86 5
	· ·	 referred to others no contact 	, 12	11	9
	Atherosclerosis	 in office in hospital referred to others no contact 	49 6 0 38	59 4 0 26	73 4 0 18
	Emphysema	 in office in hospital referred to others 	62 6 0 28	58 4 0° 27	73 5 0 22
	Cystic fibrosis	- no contact - in office - in hospital - referred to others	4 1 0	7 2 0	6 1 0
	Allergic reactions to drugs used in dental treatment	 no contact in office in hospital 	84 61 7 3	73 63 3 6	02, 73 ⊽ 5 6
	• -	- referred to others - no contact	28	18	16
	Autism	 in office in hospital referred to others no contact 	1 0 84	1 0 74	1 1 84
	Hyperactivity	- in office - in hospital - referred to others	43 1 0 48	56 4 3	49 4 3
····-	Other behavior problems	- no contact - in office - in hospital - referred to others	36 7 4	38 4 1	46 - 3 - 5
	Leukemia	- no contact - in office - in bospital	42 12 4	41 11 4	37 · 22 4
		 - referred to others - no contact 	1 74	1 71	0 70 •

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	° N =	69	90	79
School <u>10</u> continued		<u>1974</u>	<u>1976</u>	<u> 1978</u>
Other blood dyscrasias	 in office in hospital referred to others no contact 	25 4 3 61	16 4 1 64	24 4 1 65
Brain tumors	 in office in hospital referred to others no contact 	12 4 0 75	11 3 0 70	15 4 0 73
Sarcomas	 in office in hospital referred to others no contact 	12 3 0 75	10 2 0. 73	9 4 0 77
Squamous cell carcinoma	 in office in hospital referred to others no contact 	16 4 4 70	20 3 1 64	23 6 5 61
Other neoplasms °	 in office in hospital referred to others no contact 	28 4 1 59	28 2 0 54	35 5 4 53
Experience in school - Course v	work:			·
None at all Some mention in passing Perhaps one specific cour Several specific courses	rse	3 17 ∘61 19	0 3 52 43	0 4 63 33
Experience in school - Clinical	L:			
None at all Exposed to one or more Treated a handicapped pat Treated two or more	ient	7 9 28 54	0 7 34 59	1 8 34 57
Would you say you have	•			2,
Actively tried to treat h Treated handicapped when Generally avoided treatir	andicapped? they appear? g handicapped?	4 94 1	14 82 · 1	13 87 0
Was your attitude toward treat changed by school experiences?	ing handicapped		-	Ŭ
Yes Yes - became more interes Yes - became less interes No No - Was already interest	ted ted	43 57	69 0 ···	41 4
No - remained unintereste Other	d ´		та 3 9	42 8 5



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N ·	69	90	79
School 10 continued	<u>1974</u>	<u>1976</u>	1978
Have you made any modifications to your office for.		-	
handicapped?			24
Yes No			61
Modifications:			20
Outside entrance Interior doors Bathroom facilities Provided special equipment Operatory X-ray facilities Other Not in private practice		· · · ·	20 11 8 1 5 0 3 15
What contacts have you had with organizations for the handicapped in your practice?	• .		68
None Incidental with one or more Close working relations with one Close working relations with two or more			19 8 4
Have you joined the Academy of Dentistry for the handicapped?	•		0
Yes No	T		100
Have you been a consultant to any group representing the handicapped?			T Q
Yes No			90
Since completing dental school, have you had any additional education on dentistry for the handicapped?	, ,		11
Yes No		•	87
If yes, did you			5
Have full time residency or graduate enfolment: Have one or more short course or workshop? Do informal reading and study?		·	4 6
What consultations have you had with medical experts concerning handicapped patients?	•	•	15
None A few consultations about selected patients Frequent consultation about many patient		o	76 9
			1 1.7601
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			•

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(In Percents)

	• N =	26	49	44 /
School <u>11</u>		<u>1974</u>	1976	<u>1978</u>
How would you describe your	current practice?			. (
Self-employed profession Professional partnershit Employed professional p Full-time residency or Research and/or teachin Military service Other	nal practice p practice graduate training 8	62 15 4 0 8 19 4	53 2 8 4 4 31 4	73 9 11 7 5 2 5
Have treated the following	S	•		•
Mental Retardation	 in office in hospital referred to others no contact 	50 15 4 31	59 16 2 29	64 16 0 23
Cerebral palsy	 in office in hospital referred to others no contact 	19 0 4 69	16 12 0 65	25 14 0 57
Blindness	 in office in hospital referred to others no contact 	31 12 0 54	· 29 10 0 55	43 7 0 39
Deafness	 in office in hospital referred to others no contact 	42 8 0 46	1.6 4 0 71	61 7 0 20
Epilepsy	 in office in hospital referred to others no contact 	77 8 0 15	71 16 2 20	82 7 , 0 , 9
Stroke	- in office - in hospital - referred to others - no contact	54 0 4 46	43 8 2 43	48 11 0 43
Parkinsonism	in office - in hospital - referred to others - no contact	19 0 4 69	33 2 • 0 55	14 11 0 64
Arthritis	- in office - in hospital - referred to others - no contact	81. 8 0~ 8	84 6 0 12	84 7 0 11



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	N =		49	44
School <u>11</u> continued		<u>1974</u>	<u>1976</u>	<u>1978</u>
Poliomyelitis	 in office in hospital referred to others no contact 	27 0 0 65	16 4 0 69	16 0 0 70
Spinal cord injuries	 in office in hospital referred to no contact 	27 4 0 62	18 4 2 67	25 11 0 57
Multiple sclerosis	 in office in hospital referred to others no contact 	27 0 0 65	16 8 0 69	27 14 0 55
Muscular dystrophy	 in office in hospital referred to others no contact 	12 0 0 81	10 2 - 0 78	2 5 0 75
Facial trauma from accidents	 in office in hospital referred to others no contact 	69 19 4 23	63 18 4 22	64 18 0 27
Multiply-handicapped	 in office in hospital referred to others no contact 	19 0 0 73	27 10 0 63	20 14 [°] 0 59
Home-bound patient	 in office in hospital referred to others no contact 	12 · 0 0 77	4 0 2 84	7 2 2 75
Nursing-home patient	 in office in hospital referred to others no contact 	50 8 0 42	24 6 2 61	32 23 0 50
Cleft palate/cleft lip	 in office in hospital referred to others no contact 	42 8 0 50	43 4 2 45	16 9 0 66
Other craniofacial anomalies	 in office in hospital referred to others no contact 	8 4 77	18 [°] 6 2 67	5 7 0 80
Spina bifida	 in office in hospital referred to others no contact 	4 4 6 85	4 4 0 82	0 0 0 86
Thalidomide deformities/ similar malformations	 in office in hospital referred to others no contact 	0 0 92	0 2 0 88	5 0 0 80



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School 11 continued19741974Diabetes/other endocrine disturbances- in office - in hospital9296disturbances- in hospital - referred to others1514- referred to others0-0- no contact02Hemophilia- in office - in hospital1518- in hospital - referred to others1214- referred to others - no contact44- no contact6559Cardiopulmonary disease- in office - no contact7376- in hospital - no contact1516- referred to others - no contact40- no contact1516- referred to others - no contact1516- no contact1510- referred to others - no contact00- no contact410	6 <u>197</u> 89 9 2 9
Diabetes/other endocrine disturbances- in office office92 92 96disturbances- in hospital - referred to others15 0 0 0 - no contact15 0 0 2Hemophilia- in office 	89 9 2 9
disturbances - in hospital 15 14 - referred to others 0 0 - no contact 0 2 Hemophilia - in office 15 18 - in hospital 12 14 - referred to others 4 4 - no contact 65 59 Cardiopulmonary disease - in office 73 76 - in hospital 15 16 - referred to others 4 0 - no contact 15 16 - referred to others 4 0 - no contact 15 16 - referred to others 4 0 - no contact 15 16 - referred to others 4 0 - no contact 15 16 - referred to others 4 0 - no contact 15 16	9 2 9
 referred to others 0 0 no contact 0 no contact 0 15 18 in hospital 12 14 referred to others 4 no contact 65 59 Cardiopulmonary disease - in office 73 76 in hospital 15 16 referred to others 4 no contact 15 16 referred to others 4 no contact 15 16 referred to others 4 no contact 15 16 	N = 49 44 1974 1976 1978 e 92 96 89 to others 0' 0 2 ct 0 2 9 e 15 18 16 tal 12 14 14 to others 4 4 7 ct 65 59 55 e 73 76 82 tal 15 16 16 to others 4 0 2 ct 15 16 5 e 92 86 73 tal 15 10 9 to others 0 0 0 ct 35 51 39 e 62 41 50 tal 0 10 7 to others 0 0 0 ct 35 51
no contact02Hemophilia- in office1518- in hospital1214- referred to others44- no contact6559Cardiopulmonary disease- in office7376- in hospital1516- referred to others40- no contact1516- referred to others40- no contact1516- referred to others40- no contact1516- no contact1510- referred to others00- no contact410	- 9
Hemophilia- in office1518- in hospital1214- referred to others44- no contact6559Cardiopulmonary disease- in office7376- in hospital1516- referred to others40- no contact1516- referred to others40- no contact1516- referred to others1516- in office9286- in hospital1510- referred to others00- no contact410	
- in hospital 12 14 - referred to others 4 4 - no contact 65 59 Cardiopulmonary disease - in office 73 76 - in hospital 15 16 - referred to others 4 0 - no contact 15 16 Asthma - in office 92 86 - in hospital 15 10 - referred to others 0 0 - no contact 4 10	16
- referred to others 4 4 - no contact 65 59 Cardiopulmonary disease - in office 73 76 - in hospital 15 16 - referred to others 4 0 - no contact 15 16 Asthma - in office 92 86 - in hospital 15 10 - referred to others 0 0 - no contact 4 10	4944 1974 1976 1978 9296891514900202915181612141444765595573768215161640215161640215165928673151090004101662415000700035513958395281211002354732445000886828561661212110428222304902200088887562434344227533012181601011
- no contact 65 59 Cardiopulmonary disease - in office 73 76 - in hospital 15 16 - referred to others 4 0 - no contact 15 16 Asthma - in office 92 86 - in hospital 15 10 - referred to others 0 0 - no contact 4 10	· 7
Cardiopulmonary disease- in office7376- in hospital1516- referred to others40- no contact1516Asthma- in office9286- in hospital1510- referred to others00- no contact410	. 55
Asthma - in hospital 15 16 - referred to others 4 0 - no contact 15 16 - in office 92 86 - in hospital 15 10 - referred to others 0 0 - no contact 4 10	82
- referred to others 4 0 - no contact 15 16 Asthma - in office 92 86 - in hospital 15 10 - referred to others 0 0 - no contact 4 10	· 16
- no contact 15 16 Asthma - in office 92 86 - in hospital 15 10 - referred to others 0 0 - no contact 4 10	9 44 976 1978 19 1978 10 2 2 9 8 16 4 14 4 7 9 55 6 82 6 82 6 82 6 82 6 82 6 82 6 82 6 82 6 82 6 73 9 55 6 73 9 52 11 50 0 7 9 52 11 39 9 52 11 2 2 23 43 7 9 2 11 2 12 2 13 9 14 2 2 15 9 16 2
Asthma- in office9286- in hospital1510- referred to others0- no contact410	5
- in hospital 15 10 - referred to others 0 0 - no contact 4 10	73
- referred to others 0 0 - no contact 4 10	4944 1974 1976 1978 92 96 89 151490020291518161214144476559557376 82 1516164021516592 86 731510900041016624150000355139583952812110023547324450008868285616612121104231454354334544227533012181601011400
- no contact 4 10	0
•	16
Atherosclerosis - in office 62 41	. 50
- in hospital 0 10	· 7
- referred to others 0 0	0
- no contact 35 51	39
Emphysema - in office 58 39	52
- in hospital 8 * 12	11
- referred to others 0 0	2
- no contact 35 47	32
Cystic fibrosis - in office 4 4	5
- in hospital 0 0	0
- referred to others 0 0	0
- no contact 88 86	82 #
Allergic reactions to drugs - in office 85 61	66
used in dental treatment - in hospital 12 12	11
referred to others 0 4	2
- no contact 8 22	23
Autism - in office 0 4	9
- in hospital 0 2	2
- referred to others () ()	0
	15
hyperactivity - in office 62 43	43
$= 10 \text{ mospilar} \qquad 4 \qquad 8$	
- no contact 31 45	2 43
Other behavior problems $-$ in office $($	
- in hospital	45
- referred to others / /	9
- no contact 27 53	30
Leukemia – in office 12 19	16
$- in hospital \qquad 12 18$	10 11
- referred to others / 0	11
- no contact 81 4 0	Δ

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hool 11 continued		<u>1974</u>	<u>1976</u>	<u>1978</u>
Other blood dyscrasias	 in office in hospital referred to others no contact 	12 4 , 0 77	18 6 2 61	16 11 0 61
Brain tumors	 in office in hospital referred to others no contact 	15 0 4 77	12 4 0 73	16 0 2 70
Sarcomas	 in office in hospital referred to others no contact. 	15 0 4 73	12 4 2 73	7 2 2 75
Squamous cell carcinoma	 in office in hospital referred to others no contact 	. 27 15 · 8 46	31 10 0 51	11 11 2 66
Other neoplasms	 in office in hospital referred to others no contact 	35 8 4 54	33 12 0 47	`25 11 2 50
Experience in school Course wo	rk:			
None at all Some mention in passing Perhaps one specific cours Several specific courses	e	0 54 23 23	0 4 41 55	0 , 2 14 84
Experience in school Clinical:		1		
None at all Exposed to one or more Treated a handicapped pati Treated two or more	lent	15 8 19⊽ 58	0 2 31 67	2 2 7 89
Would you say you have		-		
Actively tried to treat ha Treated handicapped when t Generally avoided treating	andicapped? they appear? 3 handicapped?	0 100 0	8 88 0	82 0
Was your attitude toward treati changed by school experiences?	ing handicapped			
Yes Yes - became more interest Yes - became less interest No No - was already interest	ted ted	42 58	69 2 12	61. 2
No - remained uninterested Other		τ.	0 • 16	11 2

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		.		49 。	
School	<u>11</u> continued		<u>1974</u>	<u>1976</u>	1
Have han	e you made any modifications to your office for dicapped?		د		
i	Yes No		•		
Mod:	Ifications:				
	Outside entrance Interior doors Bathroom facilities Provided special equipment Operatory X-ray facilities Other Not in private practice	-			
What the	t contacts have you had with organizations for			ĸ	
	None Incidental with one or more Close working relations with one Close working relations with two or more				
Have hane	e you joined the Academy of Dentistry for the dicapped?	a			
	Yes No		٩		1(
Have the	you been a consultant to any group representing handicapped?			·	
	Yes No			<u>_</u>	ļ
Sind add:	e completing dental school, have you had any tional education on dentistry for the handicapped	1? /	• • •	•	
	Yes No			8	
If y	es, did you				
	Have full time residency or graduate enrollment? Have one or more short course or workshop? Do informal reading and study?	,			
What cond	consultations have you had with medical experts erning handicapped patients?			,	
	None A few consultations about selected patients Frequent consultation about many patient				:

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