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The fifth in a series of annual bibliographies of Collaborative Perinatal Project is presented. All manuscripts based on core data presented at national and international professional conventions and/or published in variety of medical and public health journals or periodicals are covered. (NF)
THE COLLABORATIVE STUDY
ON CEREBRAL PALSY, MENTAL RETARDATION,
AND OTHER NEUROLOGICAL AND SENSORY DISORDERS
OF INFANCY AND CHILDHOOD

No. 5
July 1971 through June 1972
Core publications are based either on pooled or local core data. The latter are identified by an asterisk preceding the serial number of the publication.

The National Institute of Neurological Diseases and Stroke is the federal agency chiefly responsible for research and research support in the neurological, sensory, and communicative fields. For a list of Institute publications write to NINDS, National Institutes of Health, Bethesda, Maryland 20014

Prepared by
Medical Literature Unit
Section on Project Services
Perinatal Research Branch
National Institute of Neurological Diseases and Stroke
National Institutes of Health
FOREWORD

This document is the fifth in the series of annual bibliographies of the Collaborative Perinatal Project.

The publication covers in scope all manuscripts based on core data that were presented at national and international professional conventions, and/or published in a variety of medical and public health journals or periodicals. Core refers to patient selection by a systematic sampling method approved for each participating institution.

Manuscripts based on core data collected by all the Collaborating Institutions are cleared prior to presentation or prior to submission to a journal by an established NINDS-NIH mechanism for merit review. Perinatal Research Branch investigators submit all their manuscripts (pooled or local core and non-core) to the same review process. Manuscripts based on local core data are reviewed by the respective authorities at the local Collaborating Institutions.

Joseph S. Drage, M.D.
Acting Chief
Perinatal Research Branch
Collaborative and Field Research
National Institute of Neurological Diseases and Stroke

August 31, 1972
PREFACE

This is a compilation of Collaborative Perinatal Research Project publications from July 1971 through June 1972, the fifth in the series of annual bibliographies prepared at the end of each fiscal year.

The publications herein include:

1. Pooled core data publications (publications based on Project data collected by all Collaborating Institutions*)

2. Local core data publications (publications based on Project data collected by any one Collaborating Institution)

3. Non-Project studies of special interest to authors at Perinatal Research Branch as well as those from authors in the Collaborating Institutions who are paid in part or in toto from Collaborative Perinatal Research Project funds.

Authors of Collaborative Project publications wishing consideration of articles not included are invited to send information together with reprints to:

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Perinatal Research Branch, NINDS
Federal Building, room 7C-14
Bethesda, Maryland 20014

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Columbia University
Johns Hopkins University
Medical College of Virginia
New York Medical College
Pennsylvania Hospital
University of Minnesota
University of Oregon
University of Tennessee
Warren Anatomical Museum
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1. CATALANO, L.W., Jr., FUCCILLO, D.A., TRAUB, R.G., and SEVER, J.L.
   Isolation of rubella virus from placentas and throat cultures of infants. A prospective study after the 1964-65 epidemic.

*2. CATALANO, L.W., Jr., and JOHNSON, L.D.
   Herpesvirus antibody and carcinoma in situ of the cervix.

3. CATALANO, L.W., Jr., and SEVER, J.L.
   The role of viruses as causes of congenital defects. A review.

4. CHURCHILL, J.A.
   On the etiology of cerebral palsy in premature infants. (Abstract)

#5. FRIEDMAN, E.A., and KROLL, B.H.
   Computer analysis of labor progression. IV. Diagnosis of secondary arrest of dilatation.

#6. FRIEDMAN, E.A., and KROLL, B.H.
   Computer analysis of labor progression. V. Effects of fetal presentation and position.

*7. FUCCILLO, D.A., SEVER, J.L., MODER, F.L., CHEN, T., CATALANO, L.W., and JOHNSON, L.D.
   Cytomegalovirus antibody in patients with carcinoma of the uterine cervix.

8. FUJIKURA, T., and FROEHlich, L.A.

# Office of Biometry
   Respiratory distress syndrome in twins.

   A serological survey for Australia antigen and antibody.

11. SEVER, J.L.
    Persistent central nervous system infection by a virus: Rubella.
    In Immunological Disorders of the Nervous System. A.R.N.M.D.,

12. WILLERMAN, L.
    Biosocial influences on human development.
COLLABORATING INSTITUTIONS

Core Data Publications

BROWN UNIVERSITY

*13. DENHOF, E., HAINS WORTH, P.K., and HAINSWORTH, M.L.
The child at risk for learning disorder. Can he be identified
during the first year of life?

*14. HOLDEN, R.H.
Prediction of mental retardation in infancy.

*15. MAN, E.B., JONES, W.S., HOLDEN, R.H., and MELLITS, E.D.
Thyroid function in human pregnancy. VIII. Retardation of
progeny aged 7 years; relationships to maternal age and maternal
thyroid function.
American Journal of Obstetrics and Gynecology. 111: 905-916,
1971.

*16. ROSENBLITH, J.F.
Visual fixation and following in the neonatal period in relation
to selected behaviors and development at 8 months and 4 years.
In A. Dubois Poulsen, G.C. Lairy, et A. Remond (Eds.): La Fonction
du Regard. The Function of the Gaze. Colloques de L'Institut
National De La Sante et de la Recherche Medicale, No. 7. Paris,

CHARITY HOSPITAL OF LOUISIANA

17. MITCHELL, S.C., SELL MANN, A.H., WESTPHAI, M.C., and PARK, J.
Etiologic correlates in a study of congenital heart disease in
56,109 births.

*18. SMITH, A.C., FLICK, G.L., FERRISS, G.S., and SELL MANN, A.H.
Prediction of developmental outcome at seven years from prenatal,
perinatal and postnatal events.
CHILDREN'S MEDICAL CENTER - BOSTON

*19. FIEDLER, M.F., LENNEBERG, E.H., ROLFE, U.T., and DRORBAUGH, J.E.  
A speech screening procedure with three-year-old children.  

JOHNS HOPKINS UNIVERSITY

*20. BORDLEY, J.E., and HARDY, J.B.  
A hearing survey on preschool children.  
Transactions American Academy of Ophthalmology and Otolaryngology.  

*21. COHEN, B.H., and MELLITS, E.D.  
Blood group incompatibility and immunoglobulin levels.  

*22. HARDY, J.B.  
The Johns Hopkins Collaborative Perinatal Project. Part II.  
Cord serum immunoglobulin levels and long-range fetal outcome.  

*23. HARDY, M.P., MELLITS, E.D., and WILLIG, S.N.  
Reading: A function of language usage.  

*24. KRAINITZ, M.A., and WELCHER, D.W.  
Behavioral characteristics of twins.  

25. LEVI, H.S., and WELCHER, D.W.  
Social class and race as determinants of the sex of human figures  
drawn by seven-year-olds.  

*26. LOBL, M., WELCHER, D.W., and MELLITS, E.D.  
Maternal age and intellectual functioning of offspring.  

*27. MELLITS, E.D.  
Relationships between cord serum immunoglobulin levels and later  
abnormalities. Is neonatal screening for IgM a worth-while  
procedure?  
*28. MOORE, M., and WELCHER, D.W.
A descriptive analysis of the seven-year psychological data.

*29. ODELL, L.M.
Maternal intellectual functioning.

*30. WELCHER, D.W., MELLITS, E.D., and HARDY, J.B.
A multivariate analysis of factors affecting psychological performance.

*31. WETZEL, K.H., WELCHER, D.W., and MELLITS, E.D.
The possibility of overdiagnosing brain dysfunction from a single administration of the Bender Gestalt test.

*32. WHITEHOUSE, D.
Psychological and neurological correlates of seizure disorders.

UNIVERSITY OF OREGON

*33. ENGEL, R., BUTLER, B., FAY, W., CLARKSON, D.
Visual evoked responses, developmental and intelligence scores from birth to seven. (Abstract)

*34. ENGEL, R., and FAY, W.
Are electroencephalographic-evoked response latencies in neonates predictors of language performance at 1 and 3 years of age?

*35. ENGEL, R., and FAY, W.
Visual evoked responses at birth, verbal scores at three years, and IQ at four years.

*36. FAY, W.H.
The challenge of personal pronouns.

*37. FAY, W.H., and BUTLER, B.V.
Echo-reaction as an approach to semantic resolution.
*38. GOFFENEY, E., HENDERSON, N.B., and BUTLER, B.V.
Negro-White, male-female eight-month developmental scores compared with seven-year WISC and Bender test scores.

*39. HENDERSON, N.B., BUTLER, B.V., GOFFENEY, B., SAI TO, C.H., and CLARKSON, Q.D.
Sex of person drawn by Japanese, Navajo, American White, and Negro seven-year-olds.

*40. JENSEN, D.R., and ENGEL, R.
Statistical procedures for relating dichotomous responses to maturation and EEG measurements.

WARREN ANATOMICAL MUSEUM
HARVARD UNIVERSITY

41. TOWBIN, A.
Cerebral intraventricular hemorrhage and subependymal matrix infarction in the fetus and premature newborn.

42. TOWBIN, A.
Organic causes of minimal brain dysfunction.
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43. CATALANO, L.W., Jr., SAPEY, G.H., MUSELES, M., and JARZYNKI, D.J.
    Disseminated herpesvirus infection in a newborn infant. Journal of

44. HORTA-BARBOSA, L., HAMILTON, R., WITTIG, B., FUCCILLO, D.A., SEVER, J.L.,
    and VERNON, M.L.
    Subacute sclerosing panencephalitis: Isolation of suppressed
    measles virus from lymph node biopsies.

45. KIESSLING, A.H., and FOX, B.H.
    Alcoholism on wheels.
    Psychiatric Opinion. 8: 30-37, 1971.

46. LONDON, W.T., FUCCILLO, D.A., LEY, A., and SEVER, J.L.
    Antibody response of various strains of rubella virus when
    inoculated into rabbits.

47. SHAPIRO, H.M., BRYAN, S.D., LIPKIN, L.E., STEIN, P.G., and LEMKIN, P.F.
    Computer-aided microspectrophotometry of biological specimens.
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BROWN UNIVERSITY

48. ANDERSON, R.B., and ROSENBTH, J.F.
    Sudden unexpected death syndrome.
    Biology of the Neonate. 18: 395-406, 1971

JOHNS HOPKINS UNIVERSITY

49. MENKES, J.H., WELCHER, D.W., LEVI, H.S., DALLAS, J., and GRETSKY, N.E.
    Relationship of elevated blood tyrosine to the ultimate
    intellectual performance of premature infants.

50. OPPENHEIMER, E.H., and HARDY, J.B.
    Congenital syphilis in the newborn infant: Clinical and
    pathological observations in recent cases.

MEDICAL COLLEGE OF VIRGINIA

51. WARE, H.H., III.
    The second twin.
    American Journal of Obstetrics and Gynecology. 110: 865-873,
    1971.

UNIVERSITY OF MINNESOTA

52. BENSMAN, A., LONG, D., MERRILL, D., HORBON, M., EASTON, J., and LAI, C.
    Myelomeningocele birth defect - Habilitation of the child.

53. FISCH, R.O., and ANDERSON, J.A.
    Maternal phenylketonuria.
    In Bickel, H., Hudson, F.P., and Woolf, L.I. (Eds.):
    pp. 73-80.
54. THELEN, T.H., ABRAMS, D.J., and FISCH, R.O.
   Multiple abnormalities due to possible genetic inactivation in an X/Autosome translocation.

UNIVERSITY OF OREGON

55. BABSON, S.G.
   Feeding the low-birth-weight infant.

56. BENDA, G.I., and BABSON, S.G.
   Peripheral intravenous alimentation of the small premature infant.

57. ENGEL, R.
   Early waves of the electroencephalographic auditory response in neonates.

58. ENGEL, R., and MILSTEIN, V.
   Evoked response stability in trace alternant.

59. FAY, W.H.
   On normal and autistic pronouns.

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60. HANISSIAN, A.S., JABBOUR, J.T., deLAMERENS, S., GARCIA, J.H., and HORTA-BARBOSA, L.
    Subacute encephalitis and hypogammaglobulinemia.

61. JABBOUR, J.T., DUEÑAS, D.A., SEVER, J.L., KREBS, H.M., and HORTA-BARBOSA, L.
    Epidemiology of subacute sclerosing panencephalitis (SSPE). A report of the SSPE Registry.
62. TOWBIN, A.
Massive cerebral hypoxic damage in the human fetus near term.
In Luthy, F. and Bischoff, A. (Eds.): Neuropathology, Proceedings of the Fifth International Congress, Zurich, Switzerland, August 31-
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