Focus on Infection Control in Child Care.
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Reference Materials - Bibliographies (131) -- Collected Works - Serials (022)

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Annotated Bibliographies; Child Caregivers; *Child Health; *Communicable Diseases; Day Care; *Disease Control; Health Conditions; Health Education; Health Promotion; Instructional Materials; Medical Services; Physical Health; Preventive Medicine; *Public Health; Schools; *Special Health Problems

The first in a series intended to provide child caregivers, parents, schools, health departments, and regulatory agencies with recent resources on child health and safety, this bibliography cites sources on the topic of controlling infections in child care settings. The list of annotated references contains background information and resource materials as well as journal articles on treatment, prevention, and transmission of infection, and other caregiver concerns. The 54 bibliographic citations are divided into two sections: journal articles (29) and other resources materials (25). Citation dates range from 1990 to 1994. The section on other resource materials gives contact information, type of publication, target audience, and detailed comments on the contents. Appendices, accompanying audio or video components, and other features are also noted. (ET)
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Welcome to the first edition of Biblio Alert!, a publication designed to inform you about important new resources on various child care health and safety topics. This issue focuses on infection control in child care and is divided into two sections: Journal Articles and Other Resource Materials.

Questions or comments? If you have suggestions about materials to include in future editions and/or questions or comments about this Biblio Alert!, please contact the National Resource Center for Health and Safety in Child Care, National Center for Education in Maternal and Child Health, 2000 15th Street North, Suite 701, Arlington, VA 22201-2617. Telephone (703) 524-7802; fax 524-9335.

JOURNAL ARTICLES


Examines several factors (including child care attendance) associated with possible increased risk of invasive Haemophilus influenzae type b (Hib) disease. Highlights the need for an effective Hib immunization program.


Explores the costs associated with diarrhea in an ambulatory population under the age of 36 months in three child care centers. Concludes that outpatient care for diarrhea is a major health care cost in the United States. Highlights the need for effective preventive measures.


Assesses the occurrence of person-to-person transmission of E. coli within child care facilities where infected children attended after onset of symptoms. Temporary exclusion and mandatory reporting of outbreaks are explored as control strategies.


Analyzes the epidemiology of an outbreak of diarrhea due to Shigella sonnet in one of four monitored child care centers. Demonstrates that strains of S. sonnet infection in the community were genetically similar to those producing outbreaks in the child care center.
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Determines the prevalence of rotovirus contamination on environmental surfaces in child care environments. Concludes that moist surfaces including the telephone, water fountains, and water-play tables are common sources of rotovirus contamination within child care facilities.


Investigates an outbreak of invasive pneumococcal disease in young children attending the same family child care home. Suggests the need for increased alertness of symptoms in young children and underscores the necessity for a pneumococcal vaccine that is effective for infants and young children.


Evaluates the efficacy of a drug which stimulates nonspecific immunity for the primary prevention of recurrent infections in children attending child care centers. Provides results for both treatment and follow-up periods.


Analyzes the prevalence, serotypes, and antibiotic susceptibility patterns of penicillin-resistant *streptococcus pneumoniae* in children younger than three years of age in Houston child care centers. Emphasizes the potential for the introduction of virulent strains into child care centers and the need for further research.


Reports findings of investigations into two cases of HIV infection in persons who received care from or provided care to HIV-infected family members residing in the same household. Discusses the need for education of family child care providers in contact with persons infected with HIV.
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Documents the frequency of transmission of trimethoprim-resistant \textit{E. coli} among children within child care centers and from center children to household members. Also explores the association of antibiotic use with trimethoprim-resistant \textit{E. coli} colonization.


Reviews current literature regarding pregnant child care providers and infectious disease, stress, and ergonomics in the workplace. Suggests guidelines and recommendations for nurses acting as health consultants to child care directors and staff.


Assesses the association between child care arrangements and recurrent ear infections in young children. Suggests that research continue to identify specific aspects of child care that may contribute to this problem.


Studies the relationship between infant feeding mode (breast milk or formula) and exclusion from child care due to illness. Discusses parental access to infants such as on-site child care as a variable.


Presents the different forms of gastroenteritis, with particular emphasis on rotavirus. Concludes that a vaccine is urgently needed to prevent severe rotavirus diarrhea during the first two years of life when the consequences of such infection are most serious.


Provides information on a variety of infectious diseases that place infants and toddlers in child care at risk. Preventive measures and the role of the health consultant are described.
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Summarizes findings of an investigation assessing the impact of child care center attendance on community-wide shigellosis. Reports results of the formation of a comprehensive shigella task force. Specific preventive measures are suggested.


Evaluates medical costs and the value of work loss among families whose children had chickenpox. Suggests that these costs be included in analyses of the cost effectiveness of proposed vaccination programs.


Evaluates astrovirus as a cause of diarrhea outbreaks among infants and toddlers in child care centers. Demonstrates that astrovirus is an important cause of outbreaks among children attending child care centers, more frequently affects younger children, and produces asymptomatic infections.


Summarizes current information regarding the risk of human cytomegalovirus (HCMV) infection for child care providers and mothers of children in group care. Highlights the risk of transmission among children and between children and adults, and presents recommendations for prevention.


Describes the epidemiology of selected bacterial and viral pathogens that are associated with infections in child care settings in the United States. Traces the current status of antibiotic use and the development of bacterial resistance. Concludes that the risk of infection should decrease with increased involvement of health professionals in training child care providers.


Challenges nurses to recognize the need for education of providers and parents regarding infection control in child care facilities and to participate in reducing the threat of illness in child care settings.
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Reviews human immunodeficiency virus (HIV) transmission, including the presence of HIV in various bodily fluids, and the risk of transmission after various exposures. The authors provide specific guidelines for preventing the transmission of HIV in child care settings. Developmental and emotional needs of children infected with HIV are discussed.


Addresses questions commonly asked by child care providers and parents related to HIV/AIDS in child care settings, in an attempt to alleviate fears surrounding the disease. Providers are encouraged to educate children and parents regarding the physical and emotional aspects of HIV/AIDS.


Studies the extent and nature of illness in licensed family child care settings and how these illnesses are managed. Discusses the role of the health professional in meeting the health education and consultation needs of the child-care provider working with the mildly ill child.


Reviews background data on infectious diseases and injury in child care and outlines measures to address these health care needs. Suggests that all health professionals take an active role in educating providers and children in disease and injury prevention as well as in health promotion.


Examines the feasibility of providing passive immunity for the prevention of community-acquired rotavirus illness in healthy infants by supplementing infant formula with bovine immunoglobulin.


Studies the human enteric adenovirus types 40 and 41 as a common cause of outbreaks of diarrhea among infants and toddlers in child care centers. Supports the national surveillance system for reporting adenovirus infections and promoting understanding of its seasonal and regional distribution.
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Discusses the role of the early childhood educator related to otitis media. Issues addressed include promoting healthy practices to prevent colds that cause otitis, identifying otitis and hearing loss and making referrals, and providing an environment that facilitates hearing and language learning.


Critically reviews five issues related to choice of cloth or disposable diapers. Discusses the effects of findings on potential infection in child care environments. Nurses are challenged to play a key role in counseling parents regarding optimal diapering methods.

OTHER RESOURCE MATERIALS


*Contact:* Pennsylvania Chapter, American Academy of Pediatrics, 610 Old Lancaster Road, Suite 220, Bryn Mawr, PA 19010-3809. Telephone: (800) 243-2357 or (215) 520-9125. In PA, up to 5 copies free; outside PA, $2/copy from National Association for the Education of Young Children, 1509 16th Street N.W., Washington, DC 20036-1426. Telephone: (800) 424-2460.

This booklet, intended for parents and child care providers, provides basic information on how to prevent and recognize childhood illnesses; when to exclude a child from the child care setting; and conditions that require immediate medical attention. Thirty pages of tables summarize symptoms associated with specific conditions and recommended actions.


*Contact:* American Public Health Association, 1015 15th Street, N.W., Washington, DC 20005. Telephone: (202) 789-5667 or (202)789-5665. $35.00 members ($50.00 nonmembers) plus $7.00 shipping/handling.

The American Academy of Pediatrics (AAP) and the American Public Health Association (APHA) were funded by the Maternal and Child Health Bureau to develop *Caring for Our Children: National Health and Safety Performance Standards—Guidelines for Out-of-Home Child Care Programs*. This manual describes standards for planning and establishing a quality program of child care. Ten panels of experts formulated these health and safety standards, which were then reviewed nationally for content and feasibility. They are intended for use by anyone working in the child care system in the United States, including those who direct or work in facilities and those...
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involved in the licensing and regulation of facilities. The topics addressed by the standards are (1) staffing; (2) program activities for healthy development; (3) health protection and health promotion; (4) nutrition and food service; (5) facilities, supplies, equipment, and transportation; (6) infectious diseases; (7) children with special needs; (8) administration; and (9) recommendations for licensing and community action. Each standard is listed along with the rationale, comments, and how to obtain more information. Different standards apply to child care centers, large family child care homes, and small family child care homes. Numerous appendices are included. [Funded by Maternal and Child Health Bureau]


Contact: National Maternal and Child Health Clearinghouse, 8201 Greensboro Drive, Suite 600, McLean, VA 22102. Telephone: (703) 821-8955, exts. 254 or 265; fax (703) 821-2098. Available at no charge. NMCHC inv. code G092.

This manual is a reprint of the above publication, Caring for Our Children: National Health and Performance Standards—Guidelines for Out-of-Home Child Care Programs, published by the American Public Health Association. See above annotation for description.


Contact: Contact your local chapter of the American Red Cross, or the National American Red Cross, 1709 New York Avenue, Suite 208, Washington, DC 20006. Telephone: (202) 728-6608. Cost is determined by local American Red Cross Chapter.

The American Red Cross Child Care Course contains seven units: (1) preventing childhood injuries; (2) infant and child first aid; (3) preventing infectious diseases; (4) caring for ill children; (5) learning about child development; (6) communicating with children and parents; and (7) recognizing and reporting child abuse. The first four units are in one volume, entitled Health and Safety Units, and the last three are in a second volume entitled Child Development Units. The target audience includes child caregivers, center directors, babysitters, parents, grandparents, and other family members. Videotapes are included.


Contact: Aspen Publishers, 7201 McKinney Circle, P.O. Box 989, Frederick, MD 21701. $36.00.

The first section of this book discusses the problem of infectious diseases in children and highlights considerations of interest to child care providers. The second section describes the nature, causes, signs and symptoms, diagnosis, management, complications, and recommendations for specific infectious diseases. Appendices provide handouts for parents on the most common infections, proper hand washing and diapering techniques, and a list of additional resources.
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*Contact:* National Association for the Education of Young Children, 1509 16th Street, N.W., Washington, DC 20036-1426. Telephone: (800) 424-2460 or (201) 232-8777. $5.00. Order No. 716.

These model health policies for all types of out-of-home child care programs were written as a collaborative effort by the Pennsylvania chapter of the American Academy of Pediatrics, Early Childhood Education Linkage System (ECELS). Guidelines are provided regarding proper admission procedures, supervision, discipline; care of ill children; health plan; handling medications; emergency and evacuation plans; safety surveillance; transportation; sanitation and hygiene; food handling and feeding; smoking; staff policies; physical design. Sample forms, checklists, and procedures are provided and can be adapted to reflect site-specific information. Also included are a list of conditions requiring immediate medical attention, a table of symptoms of common childhood illnesses, and sample nutritious menus.

California Child Care Health Project (1993). *Health and safety notes*. Oakland, CA: California Child Care Health Project, San Diego State University. 9 sheets.

*Contact:* Marsha Sherman, California Child Care Standards Project, San Diego State University, 1212 Broadway, Suite 830, Oakland, CA 94612. Telephone: (510) 839-1195; fax (510) 834-3741.

This series of information sheets includes the topics of universal precautions in the child care setting; notification to parents regarding children's exposure to communicable disease; exclusion guidelines for ill children in the child care setting; recommendations for cleaning, sanitizing, and disinfecting in the child care setting; and food safety. Each topic is addressed in a separate information sheet and all can be reproduced for publication in newsletters or distribution to staff and parents. [Funded by Maternal and Child Health Bureau]


*Contact:* California Child Care Health Project, Graduate School of Public Health, San Diego State University, 6505 Alvarado Road, Suite 205, San Diego, CA 92120. Telephone: (619) 594-3728. $11.00 (includes shipping and handling).

This manual provides information and guidance for trainers of child care providers on how to control communicable and infectious disease in the early childhood setting. The manual is divided into four parts: health policies; procedures for prevention; infectious diseases that cause illness in child care settings; and references (a comprehensive review of both infectious and non-infectious diseases). [Funded by Maternal and Child Health Bureau]
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**Contact:** Canadian Paediatric Society, Children's Hospital of Eastern Ontario, 401 Smyth Road, Ottawa, Ontario, Canada K1H 8L1. Telephone: (613) 738-3685. U.S. $54.95; Canada $48.10; Others $64.95 (all include shipping/handling/taxes).

This resource and reference manual describes how to implement and evaluate health services in out-of-home child care settings. The first volume addresses childhood illnesses, nutrition, oral health, and preventing infection and injury, as well as the children's social and emotional needs. The second volume probes health care issues affecting the caregiver. The appendices contain reproducible fact sheets covering common childhood illnesses and developmental needs of young children. Checklists and evaluation forms to identify possible health and safety needs can also be photocopied for staff use.

**Child Care Health Connections.** Maternal and Child Health Division, Graduate School of Public Health, San Diego State University, 6505 Alvarado Road, #108, San Diego, CA 92120. Telephone: (619) 594-4373. Printed six times per year. Annual subscription: $15.00.

This newsletter addresses topics related to health and safety in the child care setting. Information is presented on behavioral and emotional childhood issues. It highlights current references as well as upcoming conferences.

**Daycare Health.** Paula Kobos, R.N., C., Editor and Publisher, Mathanna Publications, Box 5351, Bellingham, WA 98227-9970. Telephone: (206) 671-4350. Published five times a year. Annual subscription: $27.00.

This newsletter provides a review and update for early childhood educators on health issues related to child care. It includes annotations on current journal articles as well as a list of articles and resources.

**Early Childhood Health Link.** American Academy of Pediatrics, Pennsylvania Chapter, Early Childhood Education Linkage System (ECELS). The Dayton Building, 610 Old Lancaster Road, Suite 220, Bryn Mawr, PA 19010-3809. Telephone: (215) 530-9125 or (800) 24-ECELS in PA only. Printed quarterly, free of charge in PA. $10.00/year outside PA.

This publication is targeted for parents, caregivers, and health professionals working in early childhood education. It includes a health and safety calendar, a forum for questions, information about legislation/policy, health promotion and safety issues, and behavioral topics.
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Contact: Zero to Three, 2000 14th Street North, Suite 380, Arlington, VA 22201. Telephone: (703) 528-4300 or (800) 544-0155; fax (703) 528-6848. $6.00.

This report identifies the risks to health, safety, and emotional well-being and the opportunities for diminishing those risks and promoting the healthy development of infants and toddlers in the child care setting. The report is intended to assist state policymakers, researchers, and practitioners in improving the lives of children and families. The first part assesses preventable health, mental health, and safety risks associated with child care; the second part describes mechanisms to strengthen state approaches to ensure quality in infant child care. [Funded by Maternal and Child Health Bureau]


Contact: Mary Webber, Kimberly-Clark Corporation, Neenah, WI 54956. Telephone: (404) 587-8555.

This full-color poster outlines the steps for diaper changing with the goal of infectious disease prevention.


Contact: Customer Service, National Association for the Education of Young Children, 1509 16th Street, N.W., Washington, DC 20036-1426. Telephone: (202) 328-2604 or (202) 232-8777; fax (202) 328-1846. $0.50 plus shipping and handling; poster available for $4.00.

This pamphlet presents five steps that parents and group child care providers can follow to prevent communicable disease. The first step—preventing the spread of germs—is one that should be practiced by anyone having contact with younger children, e.g., parents, teachers, family members. The other four steps are: (1) requiring certain immunizations; (2) reporting illness; (3) excluding some children, staff, or parents; and (4) being prepared. The pamphlet presents detailed instructions and illustrations on how to carry out each step. The same information is available in poster format for easy reference.


Contact: Missouri Department of Health, P.O. Box 570, Jefferson City, MO 65102. Telephone: (314) 751-6215; fax (314) 751-6010. Available at no charge in Missouri; single copies available outside MO from NC EMCH, 2000 15th Street North, Suite 701, Arlington, VA 22201-2617. (703) 524-7802.

This brochure addresses the correct procedures for caregivers and parents to follow when handling diapers in child care settings. The importance of proper handwashing to prevent spread of illness and disease is emphasized. It is written at a fifth-grade reading level.
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**Contact:** Customer Service, National Association for the Education of Young Children, 1509 16th Street, N.W., Washington, DC 20036-1426. Telephone: (202) 328-2604 or (202) 232-8777; fax (202) 328-1846. $39.00.

This videotape demonstrates standard health and safety practices in a child care setting. Safe procedures are shown for handwashing, diapering, toileting, controlling infection, serving food, reporting child abuse, and integrating these practices into the curriculum. The videotape devotes attention to the developmental and emotional needs of the child. Based on standards set by the Centers for Disease Control and Prevention and the American Academy of Pediatrics, the program is geared to Child Development Associate competencies and National Association for the Education of Young Children's accreditation criteria.


**Contact:** National Maternal and Child Health Clearinghouse, 8201 Greensboro Drive, Suite 600, McLean, VA 22102. Telephone: (703) 821-8955, ext. 254; fax (703) 821-2098. Available at no charge. NMCHC inv. code H010.

This interchange lists selected materials related to child care settings. Topics covered include general health and safety, training materials (including family child care, infection control, nutrition and oral health, and injury prevention), children with special health needs, standards and licensing, and policy and funding issues. [Funded by Maternal and Child Health Bureau]


**Contact:** National Maternal and Child Health Clearinghouse, 8201 Greensboro Drive, Suite 600, McLean, VA 22102. Telephone: (703) 821-8955, ext. 254; fax (703) 821-2098. Available at no charge. NMCHC inv. code G021.

This pamphlet, intended for professionals caring for children, youth, and families affected by HIV infection, provides an introduction to some basic issues about HIV infection in children in the U.S. The pamphlet's five sections are: (1) the pattern of HIV infection among children in the United States; (2) how to detect and manage HIV infection in children; (3) strategies for delivering services to children with HIV and their families; (4) elements of comprehensive care for children with HIV and their families; and (5) the future of care for children with HIV and their families. References and a list of resource materials published by the National Pediatric HIV Resource Center are included. [Funded by Maternal and Child Health Bureau]
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*Contact:* Michael D. Cohen, M.D., Mildly Ill Day Care Project, New York State Department of Health, Empire State Plaza, Corning Tower, Room 208, Albany, NY 12237-0618. Telephone: (518) 474-2084. Available at no charge.

This annotated bibliography summarizes publications about the care of mildly ill children in child care facilities. The citations are divided into models of care for the mildly ill child in the child care setting, and infection control in child care centers, including epidemiology of common childhood illnesses.


This training package is designed to increase awareness of family child care providers regarding their role in creating a safe and healthy environment for children in their care. Six modules are contained within three volumes: Volume I—communicable disease, home safety, and first aid; Volume II—food safety and nutrition; and Volume III—managing children’s behavior. Each module presents information on the particular topic, as well as goals, learning objectives, learning strategies, evaluation criteria, and teaching aids and resources. Complete instructions are included to guide the trainer in preparing for the sessions. [Funded by Maternal and Child Health Bureau]


*Contact:* Child Welfare League of America, c/o CSSC, P.O. Box 7816, 300 Raritan Center Parkway, Edison, NJ 08818-7816. Telephone: (908) 225-1900; fax (908) 417-0482. $9.95.

This guide orients new child care providers and parents to planning program operation and evaluating program performance. It answers questions about the medical and psychosocial aspects of HIV infection, and presents child care policies and procedures covering 10 topics as guidelines for improved care and staff management. Appendices list selected references and resources.
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*Contact:* Jane Meyer, Soap and Detergent Association, 475 Park Avenue South, New York, NY 10016. $10.00 per packet.

This packet from the Soap and Detergent Association includes: a 16-minute videotape, a read-aloud story, an audiocassette with songs and a story, mini-posters, a matching game, parent take-home materials, and a teacher's guide. The videotape examines the manifestation of infectious disease among children in group settings. It offers guidelines for infection prevention that can be incorporated into the daily routine. The presentation includes basic hand washing practices and techniques for cleaning common surfaces. The teacher's guide offers early childhood professionals and caregivers information about infectious diseases, hand washing, maintaining a clean environment, activities to teach good hygiene, and advice for involving parents.


*Contact:* Save the Children Child Care Support Center, 1447 Peachtree Street NE, Suite 700, Atlanta, GA 30309. Telephone: (404) 885-1578. $10.00.

This manual is to be used by sponsors of the Child and Adult Care Food Program in training family child care providers. It serves as a reference book for the child care provider with a nutrition or health question, or to help identify a new recipe or fun activity for the children. It is also designed to help providers to make dietary changes and serve as a resource for trainers. Sections include a trainer's introduction, mealtime in the family child care home, understanding the dietary guidelines, changing diet using the dietary guidelines, recipes and learning activities for children, preventing infectious disease and food-borne illness, providing safe environments, and parents' pages.


*Contact:* Information Services Office, National Center for Preventive Services, Centers for Disease Control and Prevention, 1600 Clifton Road, NE, Mail Stop E06, Atlanta, GA 30333. Telephone: (404) 639-8063. Bulk orders (minimum 10) available at no cost.

This color poster targets parents and caregivers of children from birth to two years of age. The aim is to increase awareness of timely infant immunization. Nine serious illnesses of childhood are identified, along with recommended prevention efforts. The poster also offers a toll-free number providing information regarding the nearest site that can provide free or low-cost immunizations.