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BIBLIOGRAPHY

Respiratory infections in children

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RESPIRATORY INFECTIONS IN CHILDREN

CITATIONS FROM THE INDEX MEDICUS

VOLUME 1

JANUARY 1978 THROUGH DECEMBER 1982



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FOREWORD

In 1979, the 32nd World Health Assembly recommended that national programs for the control of respiratory infections in children be formulated and that research in this field be given high priority. These recommendations were based on the magnitude of the problem of respiratory diseases, in particular respiratory infections in children, and on the fact that simple, effective control measures could be implemented through primary health care.

Respiratory infections are the most frequent reason for consultation in general health services and for hospitalization of children. In contrast to developed countries where these infections rarely result in death, respiratory infections and diarrhea constitute the main causes of mortality in children under five years of age in most of the developing nations.

No major differences have been observed in the frequency of acute respiratory infections (ARI) in developed and less developed nations. However, in the latter, these infections are more severe, and more children die. This seems to be related to poor nutritional status of children and to the lack of access to basic health care facilities. Even where children do have access, in all too many countries those facilities do not have the resources for adequate treatment of lower respiratory tract bacterial infections. To improve these conditions, the Pan American Health Organization and the World Health Organization are supporting the development of programs aimed at offering simple technologies for the prevention and management of ARI through primary health care services.

The primary objective of these national programs is to reduce child mortality and other consequences of acute respiratory infections. The proposed standardized management of mild, moderate and severe cases at the appropriate level of health care is consistent with this goal, in combination with other selected primary health interventions such as immunizing children, promoting breastfeeding, encouraging good weaning and nutritional practices, educating the parents and urging them to reduce their smoking habits.

A research component with emphasis on etiological, operational and epidemiological studies is also essential to the program; this will assist in developing improved and effective diagnostic and preventive methods, and in refining control strategies.

Another major health problem is respiratory tuberculosis. In many countries a gradual decrease in the risk of transmission has been achieved, and the growing coverage with BCG has helped to reduce the risk of disease in children. Integration of control activities into the general health services has increased awareness of the problems in diagnosis and treatment of tuberculosis in children.

The Pan American Health Organization is pleased to present this bibliography, which is intended to facilitate the review of published information covering acute respiratory infections and tuberculosis in children. An update will follow every six months. It is hoped that these publications will help fill the need for information in this field.

The Pan American Health Organization expresses its gratitude to the staff of the U. S. National Library of Medicine for their efforts and enthusiastic cooperation in the preparation of this bibliography.



Carlyle Guerra de Macedo
Director

RESPIRATORY INFECTIONS IN CHILDREN



CITATIONS FROM THE INDEX MEDICUS
JANUARY 1978 THROUGH DECEMBER 1982

SUBJECT SECTION

ABDOMINAL INJURIES

COMPLICATIONS

- † Splenectomy after blunt abdominal trauma. A retrospective study of 413 children. Wahlby L, et al. *Acta Chir Scand* 1981; 147(2):131-5

ABDUCENS NERVE

Ocular manifestations of tubercular meningitis and their prognostic value in children. Verma BM, et al. *Indian J Ophthalmol* 1981 Oct;29(3):301-2

ABNORMALITIES, DRUG-INDUCED

OCCURRENCE

Antituberculous drugs. Warkany J. *Teratology* 1979 Aug; 20(1):133-7

ABNORMALITIES, MULTIPLE

COMPLICATIONS

- † Incidence and type of otopathology associated with congenital palatopharyngeal incompetence. Caldarelli DD. *Laryngoscope* 1978 Dec;88(12):1970-82

ABSCESS

CHEMICALLY INDUCED

- † Metastatic osteomyelitis following BCG vaccination. Kallesøe O, et al. *Acta Orthop Scand* 1978 Apr;49(2):134-7

COMPLICATIONS

- † Empyema as a complication of retropharyngeal and neck abscesses in children. Ramilo J, et al. *Radiology* 1978 Mar;126(3):743-6

ETIOLOGY

- † BCG complications: an analysis of 36 cases. Agadzi VK. *Dev Biol Stand* 1978;41:75-8
- † Complications of frontal and ethmoid sinusitis. Morgan PR, et al. *Laryngoscope* 1980 Apr;90(4):661-6
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ABSCESS, PERITONSILLAR

DIAGNOSIS

- † Bilateral peritonsillar abscess: an unusual presentation. Brook I, et al. *South Med J* 1981 Apr;74(4):514-5

DRUG THERAPY

Peritonsillar abscess—a retrospective study of medical treatment. Tucker A. *J Laryngol Otol* 1982 Jul;96(7):639-43

IMMUNOLOGY

- † Characterization of clinical tonsil stages by their T-cell count. Immunopathological description of tonsils after a peritonsillar abscess. Siegel G. *Acta Otolaryngol (Stockh)* 1978 Nov-Dec; 86(5-6):469-72

MICROBIOLOGY

- † Aerobic and anaerobic bacteriology of peritonsillar abscess in children. Brook I. *Acta Paediatr Scand* 1981 Nov;70(6):831-5

SURGERY

- † Abscess tonsillectomy à tiède. Härmä RA, et al. *Acta Otolaryngol [Suppl] (Stockh)* 1979;(360):67-9
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THERAPY

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ABSENTEEISM

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ACCOMMODATION, OCULAR

Persistent isolated paralysis of accommodation in young people. Dralands L, et al. *Bull Soc Belge Ophtalmol* 1978;182:42-50

ACETAZOLAMIDE

THERAPEUTIC USE

- † Hydrocephalus in tuberculous meningitis in children: treatment with acetazolamide and repeated lumbar puncture. Visudhiphan P, et al. *J Pediatr* 1979 Oct;95(4):657-60

SUBJECT SECTION

ACETIC ACIDS

THERAPEUTIC USE

Clinical controlled study of fentiazac compared with placebo in septic-inflammatory pathology of children's diseases. Nespoli L, et al. *J Int Med Res* 1982;10(3):183-8

ACHIEVEMENT

- † Conductive hearing loss effects on children's language and scholastic skills. A review of the literature. Rapin I. *Ann Otol Rhinol Laryngol [Suppl]* 1979 Sep-Oct;88(5 Pt 2 Suppl 60):3-12 (44 ref.)
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ACID-BASE EQUILIBRIUM

Acid-base and blood gas equilibrium in acute lower respiratory tract infections of infancy & childhood. Bhushan V, et al. *Indian Pediatr* 1977 Nov;14(11):917-21

ACID PHOSPHATASE

ANALYSIS

- † Effect of Propionibacterium acnes or BCG on enzyme activities in spleen lymphocytes of Donryu strain rats. Saijo N, et al. *Gann* 1978 Jun;69(3):345-52

ACIDOSIS, DIABETIC

ETIOLOGY

- † Isolation of a virus from the pancreas of a child with diabetic ketoacidosis. Yoon JW, et al. *N Engl J Med* 1979 24 May;300(21):1173-9

ACTINOMYCOSIS

MICROBIOLOGY

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ACUPUNCTURE

Acupuncture point injection in pediatric pneumonia. Report of 4,060 cases. *Chin Med J [Engl]* 1978 Jan;4(1):51-4

ADAMANTANE

ANALOGS & DERIVATIVES

- † A controlled trial of amantadine and rimantadine in the prophylaxis of influenza A infection. Dolin R, et al. *N Engl J Med* 1982 Sep 2;307(10):580-4

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CONGENITAL

- † Congenital tuberculosis and associated hypoadrenocorticism. Morens DM, et al. *South Med J* 1979 Feb;72(2):160-1, 165

ADENOCARCINOMA

COMPLICATIONS

[Pulmonary dissemination of the miliary form caused by follicular carcinoma of the thyroid] Diseminación pulmonary de forma miliar for carcinoma folicular de tiroides. Rodríguez Doreste OL, et al. *Rev Clin Esp* 1980 Apr 30;157(2):139-42 (Spa)

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Results of a randomized trial of prophylactic chemotherapy in T3-T4 breast cancer patients previously treated by radiotherapy. Serrou B, et al. *Recent Results Cancer Res* 1978;68:105-8

IMMUNOLOGY

- † Immunocompetence and its modification after BCG immunotherapy in patients with colon carcinoma. Pacheco-Rupil B, et al. *Acta Gastroenterol Latinoam* 1980;10(4):277-82
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PREVENTION & CONTROL

- † Effect of oil-attached BCG cell-wall skeleton and thymectomy on the incidence of lung cancer and amyloidosis induced by chemical carcinogens in rabbits. Hirao F, et al. *Gann* 1978 Aug;69(4):453-9
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- Recurrent middle-ear effusions in nonallergic patients after adenoidectomy. Lalani AS. *Ear Nose Throat J* 1978 Sep;57(9):402-9

UTILIZATION

- † History of recurrent sore throat as an indication for tonsillectomy. Predictive limitations of histories that are undocumented. Paradise JL, et al. *N Engl J Med* 1978 23 Feb;298(8):409-13

ADENOIDS

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IMMUNOLOGY

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MICROBIOLOGY

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PATHOLOGY

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ADENOSINE CYCLIC MONOPHOSPHATE

METABOLISM

- † Changes in mouse skin cyclic nucleotides during chemical carcinogenesis and tumor response to treatment with BCG, L-Dopa and cyclic DBAMP. Busse E, et al. *J Cancer Res Clin Oncol* 1979 8 Jun;94(2):121-30

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ANALYSIS

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METABOLISM

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ADENOVIRIDAE

ISOLATION & PURIFICATION

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DIAGNOSIS

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DRUG THERAPY

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IMMUNOLOGY

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CLASSIFICATION

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PATHOGENICITY

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ADRENAL CORTEX

PHYSIOPATHOLOGY

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ADRENAL CORTEX HORMONES

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ADRENAL GLANDS

IMMUNOLOGY

Thymo-bursal and adrenal reaction to Bacillus Calmette-Guérin (B. C. G.). Toma V, et al. *Zentralbl Veterinärmed [B]* 1979 Apr; 26(3):195-201

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COMPLICATIONS

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COMPLICATIONS

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AIRWAY OBSTRUCTION

COMPLICATIONS

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- † Influence of upper airway obstruction by enlarged tonsils and adenoids upon recurrent infection of the lower airway in childhood. Konno A, et al. *Laryngoscope* 1980 Oct;90(10 Pt 1):1709-16
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ALBUTEROL

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PHARMACODYNAMICS

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THERAPEUTIC USE

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ALPHA 1-ANTITRYPSIN

ANALYSIS

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ALUMINUM

THERAPEUTIC USE

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DIAGNOSIS

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IMMUNOLOGY

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AMANTADINE

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Prevention and treatment of influenza A with amantadine hydrochloride [editorial] Junker A, et al. *Can Med Assoc J* 1980 Nov 22;123(10):961-2

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DIAGNOSIS

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AMINOPYRINE

METABOLISM

† Decreased hepatic drug demethylation in patients receiving chemo-immunotherapy. Lipton A, et al. *Cancer* 1978 May; 41(5):1680-4

AMINOSALICYLIC ACIDS

ADMINISTRATION & DOSAGE

Short course chemotherapy in tuberculous meningitis: a pilot trial. Sunakorn P, et al. *J Med Assoc Thai* 1980 Jun;63(6):340-5

AMNIOTIC FLUID

Amniotic fluid microviscosity and middle ear effusion. Jaffe BF. *Pediatrics* 1980 Feb;65(2):362-3

AMOEBAS

ISOLATION & PURIFICATION

† Recovery of soil Amebas from the nasal passages of children during the dusty harmattan period in Zaria. Lawande RV, et al. *Am J Clin Pathol* 1979 Feb;71(2):201-3

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† Evaluation of the clinical efficacy of erythromycin, amoxicillin and co-trimoxazole in the treatment of acute respiratory tract infections in paediatric patients. Bottone E, et al. *Curr Med Res Opin* 1982;8(2):67-74

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THERAPEUTIC USE

† Pulmonary blastomycosis in children. Amphotericin B therapy and a review. Chesney JC, et al. *Am J Dis Child* 1979 Nov; 133(11):1134-9

AMPICILLIN

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† Effect of erythromycin and amoxycillin on *Bordetella pertussis* in the nasopharynx. Trollfors B. *Infection* 1978;6(5):228-30

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† Treatment of sinusitis and otitis media with pivampicillin. Christensen CH, et al. *Pharmatherapeutica* 1980;2(7):469-74

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ANALYSIS

† Ampicillin concentrations in middle ear effusions in acute otitis media after administration of bacampicillin. Virtanen S, et al. *Infection* 1979;7 Suppl 5:S472-4

METABOLISM

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Ampicillin-resistant *Haemophilus influenzae* and otitis media. Michaels RH. *Am J Dis Child* 1981 May;135(5):403-5

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† Soft-tissue infections of ampicillin-resistant *Haemophilus influenzae* type b. The use of ampicillin and nafcillin in their treatment. Yogeve R. *Am J Dis Child* 1981 May;135(5):410-2

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- † In vitro susceptibility of 104 clinical isolates of *Haemophilus influenzae* to moxalactam (LY127935), ampicillin, chloramphenicol, and ticarcillin. Mason EO Jr, et al. *Antimicrob Agents Chemother* 1980 Mar;17(3):470-3
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- † Ampicillin-resistant *Haemophilus influenzae* type B septic arthritis in children. Chang MJ, et al. *Clin Pediatr (Phila)* 1981 Feb;20(2):139-41
- † Evaluation of cefaclor in acute otitis media caused by ampicillin-resistant *H. influenzae*. Schwartz RH, et al. *Clin Pediatr (Phila)* 1982 Jul;21(7):402-4
- Ampicillin-resistant *Haemophilus influenzae* type b. A spectrum of serious infections. Steele NP Jr, et al. *Clin Pediatr (Phila)* 1978 Jan;17(1):55-8
- Ampicillin-resistant *Haemophilus influenzae* infection in childhood. McGuire S, et al. *Ir Med J* 1982 May;75(5):152-3
- † Serotype and ampicillin susceptibility of *Haemophilus influenzae* causing systemic infections in children: 3 years of experience. Mason EO Jr, et al. *J Clin Microbiol* 1982 Apr;15(4):543-6
- Ampicillin-resistant followed by ampicillin-sensitive *Haemophilus influenzae* meningitis in a normal host. Stechenberg BW, et al. *J Pediatr* 1978 Feb;92(2):229-31
- † Increasing incidence of ampicillin resistance in *Haemophilus influenzae*. Syriopoulou V, et al. *J Pediatr* 1978 Jun;92(6):889-92
- Meningitis due to *Haemophilus influenzae* type b resistant to ampicillin and chloramphenicol. Uchiyama N, et al. *J Pediatr* 1980 Sep;97(3):421-4
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- Systemic *Haemophilus influenzae* infections in the era of ampicillin resistance. Lerman SJ, et al. *Nebr Med J* 1977 Dec;62(12):411-4
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- † Trimethoprim-sulfamethoxazole in the treatment of otitis media caused by ampicillin-resistant strains of *Haemophilus influenzae*. Schwartz RH, et al. *Rev Infect Dis* 1982 Mar-Apr;4(2):514-6
- † Ampicillin-resistant *Haemophilus influenzae* in Johannesburg. Block CS, et al. *S Afr Med J* 1980 Sep 6;58(10):395-8
- † Occurrence and transfer of ampicillin resistance associated with ampicillin-resistant *Haemophilus influenzae* isolated from a case at a day-care centre. Bysjö E, et al. *Scand J Infect Dis* 1977;9(4):293-6
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THERAPEUTIC USE

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- A comparison of Co-trimoxazole and ampicillin in the treatment of acute respiratory infections in childhood. Cooper J, et al. *Ir Med J* 1978 28 Apr;71(7):222-7
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- Chemoprophylaxis of recurrent otitis media. Coulthard SM. *Otolaryngol Head Neck Surg* 1979 Nov-Dec;87(6):706

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AMYLOID

METABOLISM

- † Serum amyloid P-component levels in amyloidosis, connective tissue diseases, infection, and malignancy as compared to normal serum. Skinner M, et al. *J Lab Clin Med* 1979 Oct;94(4):633-8

AMYLOIDOSIS

BLOOD

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FAMILIAL & GENETIC

- † Familial cutaneous amyloidosis with systemic manifestations in males. Partington MW, et al. *Am J Med Genet* 1981;10(1):65-75

ANEMIA

COMPLICATIONS

- Anaemia of infancy and bacterial infections in Papua New Guinea. Oppenheimer SJ. *Ann Trop Med Parasitol* 1980 Feb;74(1):69-72
- Idiopathic cardiomegaly with pulmonary tuberculosis and severe anaemia in a female child of 12 years—a case report. Moghe KV, et al. *Indian Pediatr* 1980 Jan;17(1):97-100

ANEMIA, HEMOLYTIC

ETIOLOGY

- Acute renal failure, hemolytic anemia, and *Mycoplasma pneumoniae*. Schulman P, et al. *JAMA* 1980 Oct 17;244(16):1823-4
- Hereditary elliptocytosis with hemolytic crisis following infection. A case report. Obe JA, et al. *Niger Med J* 1978 Sep;8(5):461-4

ANEMIA, HEMOLYTIC, AUTOIMMUNE

ETIOLOGY

- † Acute hemolytic anemia related to diphtheria-pertussis-tetanus vaccination. Haneberg B, et al. *Acta Paediatr Scand* 1978 May;67(3):345-50

ANEMIA, SICKLE CELL

COMPLICATIONS

- Lung abscess in sickle cell disease. Leggiadro RJ, et al. *Am J Pediatr Hematol Oncol* 1982 Summer;4(2):215-7
- Mycoplasma pneumoniae* in a 15-month-old girl with hemoglobin SC disease. Lobel JS, et al. *Am J Pediatr Hematol Oncol* 1981 Winter;3(4):444-6
- † Pneumococcal polysaccharide immunization of children with sickle cell disease. II. Serologic response and pneumococcal disease following immunization. Overturf GD, et al. *Am J Pediatr Hematol Oncol* 1982 Spring;4(1):25-35
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- Sickle cell anaemia with *Salmonella empyema thoracis*: (a case report). Chaturvedi P, et al. *Indian Pediatr* 1978 Jul;15(7):605-6
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- † Polyvalent pneumococcal-polysaccharide immunization of patients with sickle-cell anemia and patients with splenectomy. Ammann AJ, et al. *N Engl J Med* 1977 27 Oct;297(17):897-900

IMMUNOLOGY

- Restoration by normal human immunoglobulin G of deficient serum opsonization for *Streptococcus pneumoniae* in sickle cell disease. Bjornson AB, et al. *Infect Immun* 1981 Aug;33(2):636-40
- Antibody responses to polyvalent pneumococcal vaccine in infants with sickle cell anemia. Buchanan GR, et al. *J Pediatr* 1980 Feb;96(2):264-6

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Type-specific antibodies in children with sickle cell anemia given polyvalent pneumococcal vaccine. Kaplan J, et al. *J Pediatr* 1982 Mar;100(3):404-6
 Serologic and clinical response of children with sickle cell disease to bivalent influenza A split virus vaccine. Steinberg E, et al. *J Pediatr* 1978 May;92(5):823-5

MICROBIOLOGY

- † Nasopharyngeal carriage of pneumococci in children with sickle cell disease. Overturf GD, et al. *Infect Immun* 1980 Jun;28(3):1048-50

ANESTHESIA

INSTRUMENTATION

Lower respiratory tract infections associated with respiratory therapy and anaesthesia equipment. Hovig B. *J Hosp Infect* 1981 Dec;2(4):301-15 (117 ref.)

ANESTHESIA, GENERAL

ADVERSE EFFECTS

Subacute upper respiratory infection in small children. McGill WA, et al. *Anesth Analg (Cleve)* 1979 Jul-Aug;58(4):331-3

ANESTHESIA, INHALATION

ADVERSE EFFECTS

- † Effect of anesthetic gases on middle ear pressure in the presence of effusion. Gates GA, et al. *Ann Otol Rhinol Laryngol [Suppl]* 1980 May-Jun;89(3 Pt 2 Suppl 68):62-4

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