

- 1 Principles of Epidemiology and Public Health
- 2 Pediatric Healthcare Epidemiology: Infection Prevention and Control and Antimicrobial Stewardship
- 3 Infections Associated With Group Childcare
- 4 Infectious Diseases in Refugee and Internationally Adopted Children
- 5 Passive Immunization
- 6 Active Immunization
- 7 Antimicrobial Chemoprophylaxis
- 8 Protection of Travelers
- 9 Immunologic Development and Susceptibility to Infection
- 10 Fever and the Inflammatory Response
- 11 The Systemic Inflammatory Response Syndrome (SIRS), Sepsis, and Septic Shock
- 12 Hemophagocytic Lymphohistiocytosis and Macrophage Activation Syndrome
- 13 Mucocutaneous Symptom Complexes
- 14 Fever Without Localizing Signs
- 15 Prolonged, Recurrent and Periodic Fever Syndromes
- 16 Lymphatic System and Generalized Lymphadenopathy
- 17 Cervical Lymphadenitis and Neck Infections
- 18 Mediastinal and Hilar Lymphadenopathy
- 19 Abdominal and Retroperitoneal Lymphadenopathy
- 20 Localized Lymphadenitis, Lymphadenopathy, and Lymphangitis
- 21 Respiratory Tract Symptom Complexes
- 22 Abdominal Symptom Complexes
- 23 Neurologic Syndromes
- 24 Musculoskeletal Symptom Complexes
- 25 Infections of the Oral Cavity
- 26 The Common Cold
- 27 Pharyngitis
- 28 Infections Related to the Upper and Middle Airways
- 29 Otitis Media
- 30 Otitis Externa and Necrotizing Otitis Externa
- 31 Mastoiditis
- 32 Sinusitis
- 33 Bronchiolitis
- 34 Acute Pneumonia and Its Complications
- 35 Persistent and Recurrent Pneumonia
- 36 Pneumonia in the Immunocompromised Host
- 37 Endocarditis and Other Intravascular Infections
- 38 Myocarditis
- 39 Pericarditis
- 40 Acute Bacterial Meningitis beyond the Neonatal Period
- 41 Chronic Meningitis
- 42 Recurrent Meningitis
- 43 Aseptic and Viral Meningitis
- 44 Encephalitis
- 45 Parainfectious and Postinfectious Neurologic Syndromes
- 46 Focal Suppurative Infections of the Nervous System
- 47 Eosinophilic Meningitis
- 48 Urinary Tract Infections
- 49 Sexually Transmitted Infection Syndromes
- 50 Genitourinary Skin and Mucous Membrane Infections and Inguinal Lymphadenopathy
- 51 Urethritis, Vulvovaginitis, and Cervicitis
- 52 Pelvic Inflammatory Disease
- 53 Epididymitis, Orchitis, and Prostatitis
- 54 Infectious Diseases in Child Abuse
- 55 Approach to the Diagnosis and Management of Gastrointestinal Tract Infections
- 56 Viral Gastroenteritis
- 57 Inflammatory Enteritis
- 58 Necrotizing Enterocolitis
- 58 Enteric Diseases Transmitted Through Food, Water, and Zoonotic Exposures
- 58 Necrotizing Enterocolitis
- 59 Acute Hepatitis
- 60 Chronic Hepatitis
- 61 Granulomatous Hepatitis
- 62 Acute Pancreatitis
- 63 Cholecystitis and Cholangitis
- 64 Peritonitis

- 65 Appendicitis
- 66 Intra-Abdominal, Visceral, and Retroperitoneal Abscesses
- 67 Superficial Bacterial Skin Infections and Cellulitis
- 68 Erythematous Macules and Papules
- 69 Vesicles and Bullae
- 70 Purpura
- 71 Urticaria and Erythema Multiforme
- 72 Papules, Nodules, and Ulcers
- 73 Subcutaneous Tissue Infections and Abscesses
- 74 Myositis, Pyomyositis, and Necrotizing Fasciitis
- 75 Osteomyelitis
- 76 Infectious and Inflammatory Arthritis
- 77 Diskitis
- 78 Transient Synovitis
- 79 Conjunctivitis in the Neonatal Period (Ophthalmia Neonatorum)
- 80 Conjunctivitis beyond the Neonatal Period
- 81 Infective Keratitis
- 82 Infective Uveitis, Retinitis, and Chorioretinitis
- 83 Endophthalmitis
- 84 Preseptal and Orbital Infections
- 85 Infection Following Trauma
- 86 Infections Related to Burns
- 87 Infection Following Bites
- 88 Infections Related to Pets and Exotic Animals
- 89 Tickborne Infections
- 90 Clinical Approach to the Neonate with Suspected Infection
- 91 Chorioamnionitis and Neonatal Consequences
- 92 Bacterial Infections in the Neonate
- 93 Viral Infections in the Fetus and Neonate
- 94 Healthcare-Associated Infections in the Neonate
- 95 Infections in Solid Organ Transplant Recipients
- 96 Infections in Hematopoietic Cell Transplant Recipients
- 97 Risk Factors and Infectious Agents in Children with Cancer: Fever and Granulocytopenia
- 98 Clinical Syndromes of Infection in Children with Cancer
- 99 Healthcare-Associated Infections
- 100 Device-Associated Infections
- 101 Evaluation of the Child with Suspected Immunodeficiency
- 102 Infectious Complications of Antibody Deficiency
- 103 Infectious Complications of Complement Deficiency and Diseases of Its Dysregulation
- 104 Infectious Complications of Dysfunction or Deficiency of Polymorphonuclear and Mononuclear Phagocytes
- 105 Infectious Complications of Deficiencies of Cell-Mediated Immunity Other than AIDS: Primary Immunodeficiencies
- 106 Infectious Complications in Special Hosts
- 107 Infections Related to Biologic Response Modifying Drug Therapy
- 108 Infectious Complications of Corticosteroid Therapy
- 109 Epidemiology and Prevention of HIV Infection in Infants, Children, and Adolescents
- 110 Immunopathogenesis of HIV-1 Infection
- 111 Diagnosis and Clinical Manifestations of HIV Infection
- 112 Infectious Complications of HIV Infection
- 113 Management of HIV Infection
- 114 Classification of Bacteria
- 115 *Staphylococcus aureus*
- 116 Coagulase-Negative Staphylococci and Micrococcaceae
- 117 Classification of Streptococci
- 118 *Streptococcus pyogenes* (Group A Streptococcus)
- 119 *Streptococcus agalactiae* (Group B Streptococcus)
- 120 Enterococcus Species
- 121 Viridans Streptococci, Abiotrophia and Granulicatella Species, and *Streptococcus bovis* Group
- 122 Groups C and G Streptococci
- 123 *Streptococcus pneumoniae*
- 124 Other Gram-Positive, Catalase-Negative Cocci: *Leuconostoc* and *Pediococcus* Species and Other Genera
- 125 *Neisseria meningitidis*
- 126 *Neisseria gonorrhoeae*

- 127 Other *Neisseria* Species
- 128 *Arcanobacterium haemolyticum*
- 129 *Bacillus* Species (Anthrax)
- 130 *Corynebacterium Diphtheriae*
- 131 Other *Corynebacteria*
- 132 *Listeria monocytogenes*
- 133 Other Gram-Positive Bacilli
- 134 *Mycobacterium tuberculosis*
- 135 *Mycobacterium Nontuberculosis Species*
- 136 *Nocardia* Species
- 137 *Escherichia coli*
- 138 *Klebsiella* and *Raoultella* Species
- 139 *Klebsiella granulomatis*: Granuloma Inguinale (Donovanosis)
- 140 *Enterobacter*, *Cronobacter*, and *Pantoea* Species
- 141 *Citrobacter* Species
- 142 Less Commonly Encountered Enterobacterales
- 143 *Plesiomonas shigelloides*
- 144 *Proteus*, *Providencia*, and *Morganella* Species
- 145 *Serratia* Species
- 146 *Salmonella* Species
- 147 *Shigella* Species
- 148 *Yersinia* Species
- 149 *Acinetobacter* Species
- 150 *Aeromonas* Species
- 151 Less Commonly Encountered Nonenteric Gram-Negative Bacilli
- 152 *Eikenella*, *Pasteurella*, and *Chromobacterium* Species
- 153 *Moraxella* Species
- 154 Pseudomonas Species and Related Organisms
- 155 *Pseudomonas aeruginosa*
- 156 *Burkholderia cepacia* Complex and Other *Burkholderia* Species
- 157 *Stenotrophomonas maltophilia*
- 158 *Vibrio cholerae* (Cholera)
- 159 Other *Vibrio* Species
- 160 *Bartonella* Species (Cat-Scratch Disease)
- 161 *Brucella* Species (Brucellosis)
- 162 *Bordetella pertussis* (Pertussis) and Other *Bordetella* Species
- 163 *Campylobacter jejuni* and *Campylobacter coli*
- 164 Other *Campylobacter* Species
- 165 *Capnocytophaga* Species
- 166 *Chlamydophila (Chlamydia) pneumoniae*
- 167 *Chlamydia trachomatis*
- 168 *Chlamydophila (Chlamydia) psittaci* (Psittacosis)
- 169 *Coxiella burnetii* (Q fever)
- 170 Family Anaplasmataceae (Anaplasmosis, Ehrlichiosis, Neorickettsiosis, and Neoehrlichiosis)
- 171 *Francisella tularensis* (Tularemia)
- 172 *Haemophilus influenzae*
- 173 Other *Haemophilus* Species and *Aggregatibacter* Species
- 174 *Helicobacter pylori*
- 175 Other gastric and Enterohepatic *Helicobacter* species
- 176 *Kingella* Species
- 177 *Legionella* Species
- 178 *Rickettsia rickettsii* (Rocky Mountain Spotted Fever)
- 179 Other *Rickettsia* Species
- 180 *Streptobacillus moniliformis* (Rat-Bite Fever)
- 181 Other Gram-Negative Coccobacilli
- 182 *Treponema pallidum* (Syphilis)
- 183 Other *Treponema* Species
- 184 *Leptospira* Species (Leptospirosis)
- 185 *Borrelia burgdorferi* (Lyme Disease)
- 186 Other *Borrelia* Species and *Spirillum minus*
- 187 Anaerobic Bacteria: Clinical Concepts, and the Microbiome in Health and Disease
- 188 *Clostridium tetani* (Tetanus)
- 189 *Clostridium botulinum* (Botulism)
- 190 *Clostridioides difficile*
- 191 Other *Clostridium* Species
- 192 *Bacteroides* and *Prevotella* Species and Other Anaerobic Gram-Negative Bacilli

- 193 *Fusobacterium* Species
- 194 Anaerobic Cocci
- 195 Anaerobic Gram-Positive, Nonsporulating Bacilli (including Actinomycosis)
- 196 *Mycoplasma pneumoniae*
- 197 Other *Mycoplasma* Species
- 198 *Ureaplasma urealyticum*
- 199 Kawasaki Disease
- 200 Myalgic encephalomyelitis/Chronic Fatigue Syndrome
- 201 Classification of Human Viruses
- 202 Poxviridae
- 203 Introduction to Herpesviridae
- 204 Herpes Simplex Virus
- 205 Varicella-Zoster Virus
- 206 Cytomegalovirus
- 207 Human Herpesvirus 6 and 7 (Roseola, Exanthem Subitum)
- 208 Epstein-Barr Virus (Mononucleosis and Lymphoproliferative Disorders)
- 209 Human Herpesvirus 8 (Kaposi Sarcoma-Associated Herpesvirus)
- 210 Adenoviruses
- 211 Human Papillomaviruses
- 212 BK, JC, and Other Human Polyomaviruses
- 213 Hepatitis B and Hepatitis D Viruses
- 214 Human Parvoviruses (Parvovirus B19 and Bocavirus)
- 215 Coltivirus (Colorado Tick Fever)
- 216 Rotaviruses
- 217 Togaviridae: Alphaviruses
- 218 Flaviviruses
- 219 Bunyaviruses
- 220 Hepatitis C Virus
- 221 Rubella Virus
- 222 Human Coronaviruses
- 223 Parainfluenza Viruses
- 224 Mumps Virus
- 225 Respiratory Syncytial Virus
- 226 Human Metapneumovirus
- 227 Rubeola Virus (Measles and Subacute Sclerosing Panencephalitis)
- 228 Rabies Virus
- 229 Influenza Viruses
- 230 Filoviruses and Arenaviruses
- 231 Introduction to Retroviridae
- 232 Human T-Cell Lymphotropic Viruses
- 233 Human Immunodeficiency Virus
- 234 Introduction to Picornaviridae
- 235 Polioviruses
- 236 Enteroviruses and Parechoviruses
- 237 Hepatitis A Virus
- 238 Rhinoviruses
- 239 Caliciviruses
- 240 Astroviruses
- 241 Hepatitis E Virus
- 242 Classification of Fungi
- 243 *Candida* Species
- 244 *Aspergillus* Species
- 245 Agents of Hyalohyphomycosis and Phaeohyphomycosis
- 246 Agents of Mucormycosis
- 247 *Malassezia* Species
- 248 *Sporothrix schenckii* Complex (Sporotrichosis)
- 249 *Cryptococcus* Species
- 250 *Histoplasma capsulatum* (Histoplasmosis)
- 251 *Pneumocystis jirovecii*
- 252 *Blastomyces dermatitidis* (Blastomycosis)
- 253 *Coccidioides immitis* and *Coccidioides posadasii* (Coccidioidomycosis)
- 254 Superficial Fungal Infections
- 255 Agents of Eumycotic Mycetoma: *Pseudallescheria boydii* and *Scedosporium apiospermum*
- 256 Classification of Parasites
- 257 Ectoparasites (Lice and Scabies)
- 258 *Babesia* Species (Babesiosis)

- 259 *BalantioIDES coli* (Formerly *Balantidium coli*)
- 260 *Blastocystis* Species
- 261 *Cryptosporidium* Species
- 262 *Endolimax nana*
- 263 *Entamoeba histolytica* (Amebiasis)
- 264 Other Entamoeba, Amebae, and Intestinal Flagellates
- 265 *Giardia intestinalis* (Giardiasis)
- 266 *Cystoisospora* (*Isospora*) and *Cyclospora* Species
- 267 *Leishmania* Species (Leishmaniasis)
- 268 *Microsporidia*
- 269 *Naegleria fowleri*
- 270 *Acanthamoeba* Species
- 271 *Plasmodium* Species (Malaria)
- 272 *Sarcocystis* Species
- 273 *Toxoplasma gondii* (Toxoplasmosis)
- 274 *Trichomonas vaginalis*
- 275 *Trypanosoma* Species (Trypanosomiasis)
- 276 Intestinal Nematodes
- 277 Tissue Nematodes
- 278 Blood and Tissue Nematodes (Filarial Worms)
- 279 *Diphyllobothriidae*, *Dipylidium* and *Hymenolepis* Species
- 280 *Taenia solium*, *Taenia asiatica*, and *Taenia saginata* (Taeniasis and Cysticercosis)
- 281 *Echinococcus* Species: Agents of Echinococcosis
- 282 *Taenia* (*Multiceps*) *multiceps* and *Taenia serialis*: Coenurosis
- 283 Intestinal Trematodes
- 284 *Clonorchis*, *Opisthorchis*, *Fascioloa*, and *Paragonimus* Species
- 285 Blood Trematodes: Schistosomiasis
- 286 Laboratory Diagnosis of Infection Due to Bacteria, Fungi, Parasites, and Rickettsiae
- 287 Laboratory Diagnosis of Infection Due to Viruses, Chlamydia, Chlamydophila, and Mycoplasma
- 288 Laboratory Manifestations of Infectious Diseases: Acute Phase Responses and Other Laboratory Manifestations of Infectious Diseases
- 289 Principles of Anti-Infective Therapy
- 290 Mechanisms and Detection of Antimicrobial Resistance
- 291 Pharmacokinetic and Pharmacodynamic Basis for Optimal Antimicrobial Therapy
- 292 Antibacterial Agents
- 293 Antifungal Agents
- 294 Topical Antimicrobial Agents
- 295 Antiviral Agents
- 296 Antiparasitic Agents / Appendix: Drugs for Parasitic Infections / Appendix: Principal Adverse Effects of Antiparasitic Drugs
- 296 Antiparasitic Agents / Appendix: Drugs for Parasitic Infections / Appendix: Principal Adverse Effects of Antiparasitic Drugs