

CURRENT
PEDIATRIC
THERAPY

GELLIS
KAGAN

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PREFACE

There has long been a need for some way to acquaint those who treat sick infants and children with the details of pediatric therapy currently used by specialists whose larger experience in limited areas gives them extensive and advanced knowledge. *Current Pediatric Therapy* brings you the personal approach and opinions of leading authorities who devote a large part of their effort to keeping abreast of the most recent and complete information relative to the particular problem they discuss.

The plan of therapy is the last decision the physician must make. Before he can consider any therapeutic approach, he must determine the diagnosis and, if possible, the etiology. *Current Pediatric Therapy* is not intended to help the physician in making this important judg-

ment, for which his prior training will have largely prepared him. When such help is desired, there are excellent books available.

The characteristics of disease vary little with time. Diagnostic techniques have evolved relatively slowly; but therapy, at least in recent years, has been changing rapidly. It is rarely final or fully satisfactory. The era of developing therapeutic progress is with us now, somewhat as the era of developing descriptive medicine was with us in the earlier part of the century.

It is our hope that, the diagnosis once made and the etiologic agent determined, the physician will be able to use this book for quick, yet detailed, orientation to a currently practiced and accepted therapeutic approach.

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Professor of Obstetrics and Gynecology, Northwestern University Medical School. Attending Gynecologist and Obstetrician, Passavant Memorial Hospital; Attending Gynecologist and Head of Department of Gynecology, Children's Memorial Hospital, Chicago, Illinois.

Disorders of the Perineum, Vulva and Vagina; Disorders of the Uterus, Uterine Tubes and Ovaries

Walter T. Hughes, Jr., M.D.

Assistant Professor of Pediatrics, University of Louisville School of Medicine. Chief of Pediatrics, Louisville General Hospital; Active Staff, Louisville Children's Hospital, Louisville; Consultant in Pediatrics, Ireland Hospital, Ft. Knox, Kentucky.

Rickettsial Diseases; Tularemia

Robert J. Imrie, M.D.

Clinical Teacher, Hospital for Sick Children, Toronto, Ontario, Canada.

Acute Poisoning

Alvin H. Jacobs, M.D.

Clinical Associate Professor of Pediatrics, Stanford University School of Medicine. Attending Pediatrician, Presbyterian Medical Center and Children's Hospital, San Francisco, and Palo-Alto-Stanford Hospital, Palo Alto, California.

Papulosquamous Disorders; Sunburn and Light Sensitivity

L. Stanley James, M.D.

Associate Professor in Pediatrics, Columbia University College of Physicians and Surgeons. Assistant Attending in Pediatrics, Columbia-Presbyterian Medical Center, New York, New York.

Resuscitation of the Newborn Infant

Charles A. Janeway, M.D.

Thomas Morgan Rotch Professor of Pediatrics, Harvard Medical School. Physician-in-Chief, Children's Hospital Medical Center, Boston, Massachusetts.

Hypogammaglobulinemia

M. T. Jenkins, M.D.

Professor and Chairman, Department of Anesthesiology, University of Texas Southwestern Medical School. Chief of Anesthesiology, Parkland Memorial Hospital and Children's Medical Center; Consultant Anesthesiologist, Veterans Administration Hospital and Baylor University Medical Center, Dallas, Texas.

Tetanus

Douglas E. Johnstone, M.D.

Senior Clinical Instructor in Pediatrics and Assistant Professor of Radiation Biology, University of Rochester School of Medicine and Dentistry. Assistant Pediatrician, Strong Memorial Hospital; Consultant in Allergy, Genesee

Hospital, Rochester, and Wayne County Hospital, Newark, New York.

Serum Sickness

Howard A. Joos, M.D.

Clinical Assistant Professor of Pediatrics, University of Colorado School of Medicine. Chief of Pediatrics, National Jewish Hospital, Denver, Colorado.

Bronchitis

Irene M. Josselyn, M.S., M.D.

Training Analyst, Southern California Psychoanalytic Institute, Los Angeles, California.

Emotional Disturbances and Neuroses

Rodney C. Jung, M.D., Ph.D., F.A.C.P.

Professor of Tropical Medicine, Tulane University School of Medicine. Senior Visiting Physician, Charity Hospital; Senior Associate in Gastroenterology, Touro Infirmary; Internist in Charge, Illinois Central Hospital; Consultant in Tropical Medicine, United States Public Health Service Hospital, New Orleans, and Veterans Administration (St. Louis Area); City Health Director, New Orleans, Louisiana.

Amebiasis; Balantidiasis and Giardiasis; Chagas' Disease; Malaria; Schistosomiasis Mansoni; Trichinosis; Visceral Larva Migrans

Benjamin M. Kagan, M.D.

Clinical Professor of Pediatrics, University of California Medical School. Director, Department of Pediatrics, Cedars of Lebanon Hospital, Los Angeles, California.

Amyloidosis; Judgment in the Use of Antimicrobial Agents

Samuel Kaplan, M.D.

Associate Professor of Pediatrics and Assistant Professor of Medicine, University of Cincinnati College of Medicine. Director, Division of Cardiology, Children's Hospital, Cincinnati, Ohio.

Pericarditis and Myocarditis

Solomon A. Kaplan, M.D.

Associate Professor of Pediatrics, University of Southern California School of Medicine. Head, Endocrinology Division, Children's Hospital, Los Angeles, California.

Disorders of Amino Acid Metabolism

Samuel Karelitz, M.D., Ph.B.

Clinical Professor of Pediatrics, New York State University, Downstate Medical Center, Brooklyn. Chief of Pediatrics, Long Island Jewish Hospital, New Hyde Park, Long Island; Consultant Pediatrician, Mt. Sinai Hospital, New York, Queens General Hospital, Jamaica, and St. Joseph's Hospital, Far Rockaway, Long Island, New York.

Recurrent Bacterial Parotitis

Samuel L. Katz, M.D.

Assistant Professor of Pediatrics, Harvard Medical School. Senior Associate in Medicine, Chief of Newborn Division and Research Associate in Division of Infectious Disease Research, Children's Hospital Medical Center, Boston, Massachusetts.

Enterovirus Infections

Doman Keele, M.D.

Associate Professor of Pediatrics, University of Oklahoma School of Medicine. Staff, Children's Memorial Hospital, Oklahoma City, Oklahoma.

Disorders of the Ovaries; Disorders of the Testes

Haddow M. Keith, M.D.

Professor of Pediatrics, Mayo Foundation, University of Minnesota Graduate School of Medicine. Consultant, Section of Pediatrics, Mayo Clinic, Rochester, Minnesota.

Degenerative Diseases

C. Henry Kempe, M.D.

Professor and Chairman, Department of Pediatrics, University of Colorado Medical School, Denver, Colorado.

Immunization; Smallpox; Vaccinia

Edwin L. Kendig, Jr., M.D.

Professor of Pediatrics, Medical College of Virginia. Director, Child Chest Clinic, Medical College of Virginia Hospitals, Richmond, Virginia.

Sarcoidosis; Tuberculosis

Walter R. Kessler, M.D., Ph.D.

Assistant Professor of Pediatrics, Columbia University College of Physicians and Surgeons. Assistant Attending Pediatrician, Babies Hospital; Associate Attending Pediatrician, Roosevelt Hospital; Chief of Pediatric Allergy, Vanderbilt Clinic, Presbyterian Hospital, New York, New York.

Physical Allergy

Kon-Taik Khaw, M.D., M.P.H.

Research Fellow in Pediatrics, Harvard Medical School. Fellow in Nutrition, Children's Hospital Medical Center, Boston, Massachusetts.

Cystic Fibrosis

Sidney Kibrick, M.D., Ph.D.

Associate Professor of Medicine and Microbiology, Boston University School of Medicine. Visiting Physician and Chief of Section on Infectious Disease and Virology, Massachusetts Memorial Hospitals; Associate Visiting Physician for Pediatrics, Boston City Hospital; Consultant on Infectious Diseases, Children's Hospital Medical Center, Boston, Massachusetts.

Acute Lymphonodular Pharyngitis; Cytomegalic Inclusion Disease; Lesions of the Mouth; Varicella and Herpes Zoster; Viral Infections

William B. Kiesewetter, M.D.

Professor of Pediatric Surgery, University of Pittsburgh School of Medicine. Surgeon-in-Chief, Children's Hospital, Pittsburgh, Pennsylvania.

Acute Gastritis; Hypertrophic Pyloric Stenosis; Neoplasms of the Stomach; Perforations of the Stomach; Pneumatosis Intestinalis; Pylorospasm

Joseph B. Kirsner, M.D., Ph.D.

Professor of Medicine, University of Chicago School of Medicine. Attending Physician, A. M. Billings Hospital, Chicago, Illinois.

Ulcerative Colitis

Robert Klein, M.D.

Professor of Pediatrics, Boston University Medical School. Visiting Physician, Boston City Hospital, Boston, Massachusetts.

Parathyroid Diseases; Periodic Paralysis

Walter O. Klingman, M.D.

Lecturer in Neurology and Psychiatry, University of Texas, Medical Branch, Galveston, Texas. Staff, St. Thomas Hospital, Nashville, Tennessee.

Acute Ataxia of Unknown Origin; Intracranial Hemorrhage; Lipidoses and Leukodystrophies; Sleep Disturbances

Saul Krugman, M.D.

Professor and Chairman, Department of Pediatrics, New York University School of Medicine. Director of Pediatrics, Bellevue Hospital Center and University Hospital, New York, New York.

Rubella

Austin H. Kutscher, D.D.S.

Assistant Professor of Dentistry, Columbia University School of Dental and Oral Surgery. Assistant Attending Dental Surgeon in Dentistry, Columbia-Presbyterian Medical Center; Assistant Visiting Dentist, Francis Delafield Hospital; Associate Attending in Dental Research, New Rochelle Hospital, New York, New York.

Diseases of the Lips and Oral Mucosa

Conrad R. Lam, M.D.

Surgeon-in-Charge, Division of Thoracic Surgery, Henry Ford Hospital, Detroit, Michigan.

Ebstein's Disease and Other Congenital Cardiovascular Anomalies

Robert B. Lawson, M.D.

Professor and Chairman, Department of Pediatrics, Northwestern University School of Medicine. Chief of Staff, Children's Memorial Hospital, Chicago, Illinois.

Salmonellosis

Ludwig G. Lederer, M.D., Ph.D.

Medical Director, American Airlines, New York, New York.

Disorders Associated with Travel

Mark H. Lepper, M.D.

Professor and Head, Department of Preventive Medicine, University of Illinois School of Medicine. Attending Staff, University of Illinois Research and Educational Hospitals and West Side Veterans Hospital; Consultant, Hines, Veterans, Municipal Disease and Presbyterian-St. Luke's Hospitals, Chicago, Illinois.

Pneumococcal Infections

Morris J. Levy, M.D.

Instructor in Surgery, University of Minnesota Medical Center and Variety Club Heart Hospital, Minneapolis, Minnesota.

Cardiac and Extracardiac Noncoronary Fistulas

C. Walton Lillehei, M.D.

Professor of Surgery, University of Minnesota Medical Center and Variety Club Heart Hospital, Minneapolis, Minnesota.

Cardiac and Extracardiac Noncoronary Fistulas; Frostbite

Leonard M. Linde, M.D.

Associate Professor of Pediatrics (Cardiology) and Physiology, University of California School of Medicine, Los Angeles, California.

Bacterial Endocarditis; Endocardial Fibroelastosis

Sherman Little, M.D.

Professor of Pediatrics and Psychiatry, University of Southern California School of Medicine. Director of Psychiatric Service, Children's Hospital, Los Angeles, California.

Psychosomatic Illness

Samuel Livingston, M.D.

Assistant Professor of Pediatrics, Johns Hopkins University School of Medicine. Director and Physician-in-

Charge, Johns Hopkins Hospital Epilepsy Clinic, Baltimore, Maryland.

Seizure Disorders

George B. Logan, M.D., M.S. (Ped.)

Professor of Pediatrics, Mayo Foundation, University of Minnesota Graduate School of Medicine. Consultant, Section on Pediatrics, Mayo Clinic, Rochester, Minnesota.

Cirrhosis, Atrophy and Tumors of the Liver

John Lorber, M.D., M.R.C.P.

Reader in Child Health, University of Sheffield. Honorary Consultant Paediatrician, Children's Hospital, Sheffield, Yorkshire, England.

Erythema Nodosum

George H. W. Lucas, Ph.D.

Professor of Pharmacology, Faculty of Medicine, University of Toronto, Toronto, Ontario, Canada.

Acute Poisoning

Nellie R. Luhn, M.D.

Associate Professor of Anesthesiology, University of Texas Southwestern Medical School. Associate Anesthesiologist, Parkland Memorial Hospital and Children's Medical Center; Consultant in Anesthesia, Scottish Rite Hospital for Crippled Children; Courtesy Staff, St. Paul's Hospital, Dallas, Texas.

Tetanus

Hugh B. Lynn, M.D.

Assistant Professor of Surgery, Mayo Foundation, University of Minnesota Graduate School of Medicine. Pediatric Surgeon, Mayo Clinic, Rochester, Minnesota.

Intestinal Obstruction

Wallace W. McCrory, M.D.

Professor and Chairman, Department of Pediatrics, Cornell University Medical College. Pediatrician-in-Chief, New York Hospital, New York, New York.

Glomerulonephritis

Donovan J. McCune, M.D.

Chief of Pediatrics, Kaiser Foundation Hospital, Vallejo, California.

Fibrous Dysplasia of Bone

John H. McGovern, M.D.

Assistant Professor of Clinical Surgery (Urology), Cornell University Medical College. Associate Attending Surgeon (Urology), James Buchanan Brady Foundation, New York Hospital, New York City; Consultant in Urology, Rockefeller Institute, New York City, St. Alban's Naval Hospital and St. Vincent's Hospital, Staten Island, New York.

Cystic Kidney Disease; Disorders of the Ureters, Bladder, Prostate and Urethra; Hydronephrosis; Wilms's Tumor

John M. McMahon, M.D., M.S., F.A.C.P.

Assistant Professor of Clinical Medicine, University of Alabama Medical College. Attending Consultant, Veterans Administration Facility; Chief of Medicine and Chief of Staff, Baptist Hospital, Birmingham, Alabama.

Food Poisoning

Felix A. McParland, M.D.

Clinical Instructor in Surgery, University of Minnesota School of Medicine. Attending Pediatric Surgeon, Minneapolis General Hospital; Attending Staff, Abbott,

Deaconess, Fairview, Northwestern, St. Barnabas and St. Mary's Hospitals, Minneapolis, Minnesota.

Malformations and Malpositions of the Stomach, Intestines, Rectum and Anus

Isidore Mandelbaum, M.D.

Assistant Professor of Surgery, Indiana University School of Medicine, Indianapolis, Indiana.

Other Disorders of the Pancreas

Benedict F. Massell, M.D.

Lecturer in Pediatrics, Harvard Medical School. Research Director, House of the Good Samaritan, Children's Hospital Medical Center, Boston, Massachusetts.

Rheumatic Fever

Donald D. Matson, M.D.

Clinical Professor of Surgery, Harvard Medical School. Neurosurgeon, Children's Hospital Medical Center and Peter Bent Brigham Hospital, Boston, Massachusetts.

Hydrocephalus

Herbert Mescon, M.D.

Professor and Head, Department of Dermatology, Boston University Medical School. Chief of Dermatology and Genito-infectious Diseases, Massachusetts Memorial Hospitals; Senior Consultant, Lemuel Shattuck Hospital, Boston, Massachusetts.

Acne Vulgaris; Miscellaneous Disorders

Russell Meyers, M.D., Sc.M.

Professor of Surgery and Chairman, Division of Neurosurgery, State University of Iowa College of Medicine. Chairman, Division of Neurosurgery, State University of Iowa Hospitals; Senior Neurosurgical Consultant, Veterans Administration Hospital, Iowa City, Iowa.

Spinal and Cranial Meningoceles and Myelomeningoceles—Congenital Dermal Sinus

Ade T. Milhorat, M.D.

Clinical Professor of Medicine, Cornell University Medical College. Attending Physician, New York Hospital; Director, Institute for Muscle Disease, New York, New York.

Muscular Dystrophy

Robert A. Miller, M.D.

Associate Professor of Pediatrics, University of Illinois College of Medicine. Director of Cardiology, Cook County Children's Hospital, Chicago, Illinois.

Transposition of the Great Vessels

Anna Mitus, M.D.

Instructor in Pediatrics, Harvard Medical School. Associate Physician, Children's Hospital Medical Center, Boston, Massachusetts.

Giant Cell and Plasma Cell Pneumonia

John Money, Ph.D.

Associate Professor of Medical Psychology and Pediatrics, Johns Hopkins University School of Medicine. Psychologist, Johns Hopkins Hospital, Baltimore, Maryland.

Reading Disorder

Paul J. Moses, M.D.

Director, Clinic for Speech and Voice Diseases, Presbyterian Medical Center, San Francisco; Consultant (Speech and Voice), Mt. Zion Hospital, San Francisco, and Oak Knoll U.S. Navy Hospital, Oakland, California.

Voice and Speech Disorders of Mental or Emotional Origin

Arthur J. Moss, M.D.

Associate Professor of Pediatrics (Cardiology), Uni-

versity of California Medical Center, Los Angeles, California.

Coarctation of the Aorta

Harry Most, M.D., D.T.M. and H., D.M.S.

Professor and Chairman, Department of Preventive Medicine, New York University School of Medicine. Visiting Physician, Bellevue and University Hospitals; Consultant, United States Public Health Service Hospital, New York, New York.

Schistosomiasis

M. Lois Murphy, M.D.

Associate Professor of Pediatrics, Cornell University Medical College. Associate Attending Pediatrician, Memorial Hospital for Cancer and Allied Diseases; Research appointment, Sloan-Kettering Institute for Cancer Research, New York, New York.

Acute Leukemia

André J. Nahmias, M.D., M.P.H.

Research Associate in Microbiology, Boston University School of Medicine. Clinical Associate in Pediatrics, Boston City Hospital, Boston, Massachusetts.

Leptospirosis

Catherine A. Neill, M.D., M.R.C.P.

Associate Professor of Pediatrics, Johns Hopkins University School of Medicine. Co-Director, Cardiac Clinic, Harriet Lane Home, Johns Hopkins Hospital, Baltimore, Maryland.

Eisenmenger's Complex; Pulmonary Atresia and Stenosis; Tetralogy of Fallot

Victor D. Newcomer, M.D.

Professor of Medicine (Dermatology), University of California Center for the Health Sciences, San Francisco, California.

Fungus Infections

William L. Nyhan, M.D., Ph.D.

Professor and Chairman, Department of Pediatrics, and Professor of Biochemistry, University of Miami School of Medicine, Miami, Florida.

Osteomyelitis and Septic Arthritis

H. R. Oberhill, M.D.

Department of Surgery (Neurological Surgery), Northwestern University Medical School. Attending Staff, Neurosurgery, Chicago Wesley Memorial Hospital, Chicago, Illinois.

Intracranial and Intraspinal Tumors

Richmond S. Paine, M.D.

Professor of Pediatric Neurology, George Washington University School of Medicine, Washington, D.C. Neurologist, Children's Hospital of the District of Columbia; Consultant, National Institute of Neurological Diseases and Blindness, and Clinical Center, National Institutes of Health, Bethesda, Maryland.

Cerebral Palsies; Congenital Absence and Defects; Mental Retardation; Torticollis

Robert H. Parrott, M.D.

Clinical Professor of Pediatrics, Georgetown and George Washington University Schools of Medicine. Director, Children's Hospital, Washington, D.C.

Infectious Mononucleosis; Mumps

Henry Harris Perlman, M.D., Ph.D.

Clinical Professor of Pediatrics, Jefferson Medical Col-

lege. Physician in Charge of Pediatric Dermatology, and Attending Pediatric Dermatologist, Jefferson Medical College Hospital, Philadelphia, Pennsylvania.

Acute and Chronic Urticaria; Diaper Rash; Intertrigo; Pruritus and Prurigo; Xeroderma

George Perret, M.D., Ph.D.

Professor of Surgery, State University of Iowa College of Medicine. Neurosurgeon, State University of Iowa Hospitals, Iowa City, Iowa.

Spinal and Cranial Meningoceles and Myelomeningoceles—Congenital Dermal Sinus

Samuel L. Perzik, M.D.

Associate Professor of Surgery, Loma Linda University School of Medicine. Senior Attending Physician (Surgery), Cedars of Lebanon Hospital and Los Angeles County General Hospital, Los Angeles, California.

Salivary Gland Tumors

Robert G. Petersdorf, M.D.

Professor of Medicine, University of Washington School of Medicine. Physician-in-Chief, King County Hospital, Seattle, Washington.

Escherichia Coli Infections

Ernest H. Picard, M.D.

Instructor in Neurology, Harvard Medical School. Director, Neurology Clinic, Massachusetts General Hospital, Boston, Massachusetts.

Vascular Disorders

Donald M. Pillsbury, M.D., D.Sc. (Hon.), F.A.C.P.

Professor and Chairman, Department of Dermatology, University of Pennsylvania School of Medicine, Philadelphia, Pennsylvania.

Erythema Multiforme

James J. Plorde, M.D.

Assistant in Medicine, University of Washington School of Medicine. Research Fellow in Infectious Diseases, King County Hospital, Seattle, Washington.

Escherichia Coli Infections

Gerald H. Pratt, M.D., F.A.C.S.

Associate Clinical Professor of Surgery, New York University School of Medicine. Attending Surgeon in Charge of Cardiovascular Surgery, St. Vincent's Hospital; Attending Surgeon, St. Clare's Hospital; Consultant in Cardiovascular Surgery to the Armed Forces and the United States Navy, New York, New York.

Lymph Node Tumors

John S. Prichard, M.B.

Assistant Professor of Paediatrics, University of Toronto, Staff, Hospital for Sick Children, Toronto, Ontario, Canada.

Myasthenia Gravis

Charles V. Pryles, M.D.

Associate Professor of Pediatrics, Boston University School of Medicine. Assistant Director, Pediatric Service, Boston City Hospital; Physician-in-Chief, Joseph B. Kennedy, Jr. Memorial Hospital, Boston, Massachusetts.

Antimicrobial Therapy of Urinary Tract Infections; Bacterial Pneumonias, Other than Tuberculous

Judson Randolph, M.D.

Instructor of Surgery, Harvard Medical School. Assistant Surgeon, Children's Hospital; Junior Associate in Surgery, Peter Bent Brigham Hospital, Boston, Massachusetts.

Torsion of the Spermatic Cord—Varicocele

William J. Rashkind, M.D.

Assistant Professor of Pediatrics, University of Pennsylvania School of Medicine. Director, Cardiovascular Laboratories, Children's Hospital; Chief of Pediatrics, Methodist Hospital; Consulting Pediatric Cardiologist, Hospital of the University of Pennsylvania and Lankenau and Children's Heart Hospitals, Philadelphia, Pennsylvania.

Cardiac Arrhythmias

Mark M. Ravitch, M.D.

Associate Professor of Surgery, Johns Hopkins University School of Medicine. Surgeon, Johns Hopkins Hospital; Surgeon-in-Chief, Baltimore City Hospitals, Baltimore, Maryland.

Chest Wall Deformities; Intussusception

Frederick Richardson, M.B., M.R.C.P.

Assistant Professor of Pediatrics, Johns Hopkins University School of Medicine. Medical Director, Center for Handicapped Children, Johns Hopkins Hospital, Baltimore, Maryland.

Trauma to the Head

Julius B. Richmond, M.D.

Professor and Chairman, Department of Pediatrics, College of Medicine, State University of New York at Syracuse. Attending Pediatrician, Syracuse Memorial Hospital, Syracuse, New York.

Constipation; Cyclic Vomiting; Encopresis; Enuresis; Minor Psychologic Disturbances; Rumination

Conrad M. Riley, M.D.

Professor of Pediatrics, and Professor and Chairman, Department of Preventive Medicine, University of Colorado School of Medicine. Attending Pediatrician, Colorado General Hospital, Denver, Colorado.

Familial Dysautonomia

Harris D. Riley, Jr., M.D.

Professor and Head, Department of Pediatrics, University of Oklahoma School of Medicine. Pediatrician-in-Chief, Children's Memorial Hospital, University of Oklahoma Medical Center, Oklahoma City, Oklahoma.

Acute Infectious Lymphocytosis; Bacillary Dysentery; Infections Due to Proteus, Aerobacter and Pseudomonas

Saul J. Robinson, M.D., Ph.D.

Associate Clinical Professor of Pediatrics, Stanford University School of Medicine. Director of Pediatric Cardiology, Presbyterian Medical Center, San Francisco, California.

Heart Failure

Ira M. Rosenthal, M.D.

Professor of Pediatrics, University of Illinois College of Medicine. Attending Pediatrician, University of Illinois Research and Educational Hospitals and Cook County Hospital, Chicago, Illinois.

Disorders of Purine Metabolism; Genetic Disorders of Bilirubin Metabolism

Phillip Rothman, M.D.

Clinical Professor of Pediatrics, University of Southern California Medical School. Senior Attending Physician, Children's Hospital and Hospital of the Good Samaritan; Consultant, Cedars of Lebanon Hospital, Los Angeles, California.

Constipation

Abraham M. Rudolph, M.D.

Professor of Pediatrics and Associate Professor of Phys-

iology, Albert Einstein College of Medicine. Visiting Pediatrician, Bronx Municipal Hospital Center, New York, New York.

Aortic Stenosis and Atresia; Coronary Artery Anomalies; Patent Ductus Arteriosus; Pulmonary Arterial Hypertension; Sinus of Valsalva Anomalies

Bernard G. Sarnat, M.D., F.A.C.S.

Attending Staff, Department of Surgery, Division of Plastic Surgery, Cedars of Lebanon Hospital, Los Angeles, California. Formerly Professor and Head, Department of Oral and Maxillofacial Surgery, College of Dentistry, and Clinical Assistant Professor, Division of Plastic Surgery, Department of Surgery, University of Illinois College of Medicine.

Cleft Lip and Cleft Palate; Facial Deformities; Facial Injuries; Malformations and Injuries of the Ear; Malformations and Tumors of the Nose; The Mouth

I. Herbert Scheinberg, M.D.

Professor of Medicine, Albert Einstein College of Medicine, Yeshiva University. Visiting Physician, Bronx Municipal Hospital Center, New York, New York.

Ceruloplasmin Deficiency

Rudi Schmid, M.D.

Professor of Medicine, University of Chicago Medical School. Staff, University of Chicago Clinics.

Genetic Disorders of Bilirubin Metabolism

Robert S. Schwab, M.D.

Associate Professor of Neurology, Harvard Medical School. Neurologist and Director of Myasthenia Gravis Clinic, Massachusetts General Hospital, Boston, Massachusetts.

Myasthenia Gravis

Roland B. Scott, M.D.

Professor and Head, Department of Pediatrics, Howard University College of Medicine. Chief Pediatrician, Freedmen's Hospital; Attending Physician, District of Columbia General Hospital; Consulting Staff, Children's Hospital, Washington, D.C.

Hemolytic Disease Associated with Abnormal Hemoglobin Other than Sickle-Thalassemia; Sickle Cell Disease

Nevin S. Scrimshaw, M.D., Ph.D.

Professor and Head, Department of Nutrition and Food Science, Massachusetts Institute of Technology, Cambridge, Massachusetts. Consulting Director, Institute of Nutrition of Central America and Panama, Guatemala, Central America.

Severe Protein Deficiency (Kwashiorkor)

Boris Senior, M.D., M.R.C.P.

Assistant Professor of Pediatrics, Tufts University School of Medicine. Pediatrician, Boston Floating Hospital-Tufts New England Medical Center, Boston, Massachusetts.

Disorders of Subcutaneous Fat

Nasrollah T. Shahidi, M.D.

Instructor of Pediatrics, Harvard Medical School. Assistant Physician, Children's Hospital Medical Center, Boston, Massachusetts.

Aplastic and Congenital Hypoplastic Anemias

Madoka Shibuya, M.D.

Clinical Assistant Professor of Pediatrics, Cornell University Medical College. Assistant Attending Pediatrician, New York Hospital, New York, New York.

Glomerulonephritis

Harris B. Shumacker, Jr., M.D.

Professor of Surgery, Indiana University School of Medicine, Indianapolis, Indiana.

Other Disorders of the Pancreas

Harry Shwachman, M.D.

Associate Clinical Professor of Pediatrics, Harvard Medical School. Senior Associate in Medicine and Chief of the Laboratory of Clinical Pathology, Children's Hospital Medical Center, Boston, Massachusetts.

Cystic Fibrosis

Sheldon C. Siegel, M.D.

Clinical Professor of Pediatrics, University of California School of Medicine. Attending Staff, Harbor General Hospital, and Daniel Freeman and Centinella Hospitals, Los Angeles, California.

Anaphylaxis; Drug Allergy

Henry K. Silver, M.D.

Professor of Pediatrics, University of Colorado School of Medicine. Attending Physician, Colorado General Hospital; Consultant Pediatrician, Fitzsimmons General Hospital, Denver, Colorado.

Hemihypertrophy

Carl H. Smith, M.D.

Clinical Professor of Pediatrics, Cornell University Medical College. Consulting Pediatrician, New York, Beekman-Downtown, Roosevelt and Lenox Hill Hospitals and New York Infirmary, New York, New York.

Hemorrhagic Disorders

Clement A. Smith, M.D.

Professor of Pediatrics, Harvard Medical School. Director of Research on the Newborn, Boston Lying-In Hospital, Boston, Massachusetts.

The Respiratory Distress Syndrome

Fred G. Smith, Jr., M.D.

Assistant Professor of Pediatrics, University of California School of Medicine. Director, Pediatric Metabolic Clinics, University of California Center for the Health Sciences; Harbor General Hospital, Los Angeles, California.

Hermaphroditism

Nathan J. Smith, M.D.

Alfred Dorrance Daniels Professor of Pediatrics, University of Wisconsin School of Medicine. Chairman, Department of Pediatrics, University of Wisconsin Hospitals, Madison, Wisconsin.

Congestive Splenomegaly, Splenic Cytopenia, and Trauma to the Spleen

Robert M. Smith, M.D.

Assistant Clinical Professor of Anesthesiology, Harvard Medical School. Chief of Anesthesia, Children's Hospital Medical Center, Boston, Massachusetts.

Anesthesia: Aspects of Significance to the Pediatrician

Edna H. Sobel, M.D.

Associate Professor of Pediatrics, Albert Einstein College of Medicine, Yeshiva University. Associate Visiting Pediatrician, Bronx Municipal Hospital Center; Attending Pediatrician, Lincoln Hospital, New York, New York.

Disorders of the Pituitary Gland

Bernard J. Spencer, M.D.

Clinical Assistant Professor of Surgery, University of Minnesota School of Medicine. Attending Staff, Abbott,

Northwestern, St. Barnabas, Fairview and St. Mary's Hospitals, Minneapolis, Minnesota.

Malformations and Malpositions of the Stomach, Intestines, Rectum and Anus

Wesley W. Spink, M.D.

Professor of Medicine, University of Minnesota Medical School. Full-time Staff, University of Minnesota Hospitals, Minneapolis, Minnesota.

Brucellosis

John B. Stanbury, M.D.

Associate Clinical Professor of Medicine, Harvard Medical School. Physician, Massachusetts General Hospital, Boston, Massachusetts.

Thyroid Diseases

Alex J. Steigman, M.D., Sc.D. (Hon.)

American Academy of Pediatrics, Evanston, Illinois.

The Acute Aseptic Meningitis Syndrome; Meningoencephalitis of the Newborn

Matthew M. Steiner, M.D.

Associate Professor of Pediatrics, Northwestern University Medical School. Attending Physician, Children's Memorial Hospital, Chicago, Illinois.

Gynecomastia

Robert S. Stempel, Jr., M.D.

Associate Professor of Pediatrics, Duke University Medical School. Head, Pediatric Section, Duke University Medical Center, Durham, North Carolina.

Disorders of the Adrenal Glands

Clinton A. Stephens, M.D., F.R.C.S. (C)

Associate in Surgery, University of Toronto School of Medicine. Assistant Surgeon, Hospital for Sick Children, Toronto, Ontario, Canada.

Proctologic Disorders

Gunnar B. Stickler, M.D.

Assistant Professor of Pediatrics, Mayo Foundation, University of Minnesota Graduate School of Medicine. Consultant in Pediatrics, Mayo Clinic, Rochester, Minnesota.

Acute Pancreatitis

Joseph Stokes, Jr., M.D., Sc.D. (Hon.)

Professor of Pediatrics, University of Pennsylvania School of Medicine. Senior Physician, Children's Hospital, Philadelphia, Pennsylvania.

Measles

M. Stuart Strong, M.D., F.R.C.S.

Professor and Chairman, Department of Otolaryngology, Boston University School of Medicine. Chief of Service, Department of Otolaryngology, Massachusetts Memorial Hospitals, Boston, Massachusetts.

Otologic Infections

August G. Swanson, M.D.

Associate Professor of Neurology in Pediatrics, Cornell University Medical College. Associate Attending in Pediatrics, New York Hospital, New York, New York.

Diseases of the Spinal Cord

Orvar Swenson, M.D.

Professor of Surgery, Northwestern University Medical School. Surgeon-in-Chief, Children's Memorial Hospital, Chicago, Illinois.

Hirschsprung's Disease