

1988 CONN'S
**CURRENT
THERAPY**
RAKEL

CONN'S CURRENT THERAPY

Edited by ROBERT E. RAKEL, M.D.

Chairman, Department of Family Medicine
Associate Dean for Academic and Clinical Affairs
Baylor College of Medicine, Houston, Texas

LATEST APPROVED METHODS OF TREATMENT
FOR THE PRACTICING PHYSICIAN

W.B. SAUNDERS COMPANY

Harcourt Brace Jovanovich, Inc.

Philadelphia London Toronto Montreal Sydney Tokyo



W. B. SAUNDERS COMPANY

Harcourt Brace Jovanovich, Inc.

West Washington Square

Philadelphia, PA 19105

Library of Congress Cataloging-in-Publication Data

Current therapy; latest approved methods of treatment for the practicing physician. 1949—

v. 28 cm. annual.

Editors: 1949— H. F. Conn and others.

1. Therapeutics. 2. Therapeutics, Surgical.
3. Medicine—Practice. I. Conn, Howard Franklin, 1908–1982 ed.

RM101.C87 616.058 49–8328 rev*

Editor: John Dyson

Developmental Editor: Kathleen McCullough

Designer: Patti Maddaloni

Production Manager: Bob Butler

Manuscript Editors: Carol Robins and Susan Short

Illustration Coordinator: Lisa Lambert

Indexer: Dennis Dolan

Conn's Current Therapy 1988

ISBN 0-7216-2429-4

© 1988 by W. B. Saunders Company. Copyright under the Uniform Copyright Convention. Simultaneously published in Canada. All rights reserved. This book is protected by copyright. No part of it may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without written permission from the publisher. Made in the United States of America. Library of Congress catalog card number 49-8328.

Last digit is the print number: 9 8 7 6 5 4 3 2 1

Contributors

ROBERT G. ADDISON, M.D.

Clinical Associate Professor, Department of Orthopedic Surgery, and Clinical Associate Professor, Department of Rehabilitation Medicine, Northwestern University Medical School, Chicago, Illinois. Attending Physician, Northwestern Memorial Hospital and Rehabilitation Institute of Chicago. Consulting Physician, St. Joseph Hospital, Chicago.
Pain

SUHAIL AHMAD, M.D.

Associate Professor, University of Washington School of Medicine, Seattle. Medical Director, Scribner Kidney Center, University Hospital, Seattle.
Chronic Renal Failure

JOSEPH AISNER, M.D.

Professor of Medicine, Professor of Oncology, and Professor of Pharmacology and Experimental Medicine, University of Maryland, Baltimore. Chief, Medical Oncology, University of Maryland Hospital, Baltimore. Clinical Director, University of Maryland Cancer Center, Baltimore.
Primary Lung Cancer

HAGOP S. AKISKAL, M.D.

Professor of Psychiatry, Associate Professor of Pharmacology, and Director of the Section of Affective Disorders, University of Tennessee College of Medicine, Memphis. Co-Director, Baptist Memorial Hospital Sleep Disorders Center, Memphis. Senior Consultant, Charter Lakeside Mood Disorders Program, Memphis.
Mood (Affective) Disorders

RAYMOND ALEXANIAN, M.D.

Professor of Medicine, University of Texas, M.D. Anderson Hospital and Tumor Institute, Houston.
Multiple Myeloma

KARL M. ALTENBURGER, M.D.

Staff Physician, Munroe Regional Medical Center, and Marion Community Hospital, Ocala, Florida.
Asthma in Children

ROY D. ALTMAN, M.D.

Professor of Medicine, University of Miami School of Medicine, Miami, Florida. Chief, Arthritis Section, Veterans Administration Medical Center, Miami.
Paget's Disease of Bone

CRAIG L. ANDERSON, M.D.

Associate Professor of Pediatrics and Obstetrics and Gynecology, Loyola University Medical Center, Maywood, Illinois. Staff, Foster G. McGaw Hospital, Maywood.
Neonatal Resuscitation

KELLEY P. ANDERSON, M.D.

Assistant Professor, Cardiology Division, University of Utah Medical Center, Salt Lake City.
Tachycardia

PHILIP C. ANDERSON, M.D.

Professor and Chairman, Department of Dermatology, University of Missouri School of Medicine, Columbia, Missouri.
Spider Bites and Scorpion Stings

THOMAS F. ANDERSON, M.D.

Associate Professor, University of Michigan Medical School, Ann Arbor. Staff Physician, University Hospital, Ann Arbor.
Bacterial Diseases

JACK ANTEL, M.D.

Professor, Department of Neurology and Neurosurgery, Faculty of Medicine, McGill University, Montreal, Quebec, Canada. Neurologist-in-Chief, Montreal Neurological Hospital.
Multiple Sclerosis

WILLIAM J. ARNOLD, M.D.

Clinical Associate Professor of Medicine, University of Illinois College of Medicine, Chicago. Chairman, Division of Medicine, Lutheran General Hospital, Park Ridge.
Rheumatoid Arthritis

MICHAEL E. ASSEY, M.D.

Associate Professor of Medicine (Cardiology). Director, Adult Cardiac Catheterization Laboratory, Medical University of South Carolina, Charleston.
Atrial Fibrillation

ROBERT L. BAEHNER, M.D.

Professor and Chairman, Department of Pediatrics, University of Southern California, Los Angeles. Physician-in-Chief, Children's Hospital of Los Angeles.
Neutropenia

ZUHAIR K. BALLAS, M.D.

Associate Professor, Department of Internal Medicine, University of Iowa, Iowa City. Associate Professor, Department of Internal Medicine, University of Iowa Hospitals, Iowa City, and Iowa City Veterans Administration Medical Center.
Asthma in the Adolescent and the Adult

W. RIPLEY BALLOU, M.D.

Assistant Professor of Medicine, Uniformed Services University of the Health Sciences, Washington, D.C. Attending Physician in Internal Medicine and Infectious Diseases, Walter Reed Army Medical Center, Washington, D.C.
Leishmaniasis

R. W. BALOH, M.D.

Professor of Neurology and Surgery (Head and Neck), University of California—Los Angeles Medical Center. Attending Physician, Hospital of the University of California, Los Angeles, and Neuropsychiatric Hospital, Los Angeles.
Episodic Vertigo

DANIEL E. BANKS, M.D.

Associate Professor of Medicine, Tulane University School of Medicine, New Orleans, Louisiana. Staff Physician, Veterans Administration Medical Center, New Orleans.
Silicosis

WILLIAM BANNER, JR., M.D., PH.D.

Associate Professor of Pediatrics, Division of Critical Care, University of Utah College of Medicine, Salt Lake City. Staff, Primary Children's Medical Center, Salt Lake City.
Snake Venom Poisoning

JAMES W. BARD, M.D.

Associate Clinical Professor of Medicine, University of Kentucky Medical Center, Lexington. Lexington Clinic, Lexington, Kentucky.
Pruritus Ani and Vulvae

JOHN G. BARTLETT, M.D.

Professor of Medicine, The Johns Hopkins University School of Medicine, Baltimore, Maryland. Chief, Division of Infectious Diseases, The Johns Hopkins Hospital, Baltimore.
Primary Lung Abscess

JAMES W. BASS, M.D., M.P.H.

Professor of Pediatrics, Uniformed Services University of the Health Sciences, Bethesda, Maryland. Clinical Professor of Pediatrics, University of Hawaii School of Medicine, and Chairman, Department of Pediatrics, Tripler Army Medical Center, Honolulu, Hawaii.
Whooping Cough (Pertussis)

DANIEL C. BATLLE, M.D.

Associate Professor of Medicine, Northwestern University Medical School, Chicago, Illinois. Attending Physician, Northwestern Memorial Hospital and Lakeside Veterans Administration Hospital, Chicago.
Parenteral Nutrition in Adults

CHARLES R. B. BECKMANN, M.D., M.H.P.E.

Clinical Associate Professor of Obstetrics and Gynecology, and Director, Undergraduate Medical Education, University of Illinois, Chicago. Attending Faculty, University of Illinois Hospital, Chicago.
Ectopic Pregnancy

JEROME L. BELINSON, M.D.

Associate Professor, and Director of Gynecologic Oncology, University of Vermont, Burlington. Director, Gynecologic Oncology, Medical Center Hospital of Vermont, Burlington.
Carcinoma of the Uterine Cervix

WILMA F. BERGFELD, M.D.

Staff, Department of Dermatology, and Head, Division of Dermatopathology, Department of Pathology, Cleveland Clinic Foundation, Cleveland, Ohio.
Hair Disorders

JAY E. BERKELHAMER, M.D.

Professor and Associate Chairman, Department of Pediatrics, University of Chicago Pritzker School of Medicine, Chicago.

Attending Staff, Wyler Children's Hospital, University of Chicago Medical Center, Chicago.
Childhood Enuresis

RICHARD M. BERLIN, M.D.

Assistant Professor of Psychiatry, University of Massachusetts Medical School, Worcester. Assistant Chairman, Department of Psychiatry, Berkshire Medical Center, Pittsfield, Massachusetts.
Insomnia

RICHARD B. BERRY, M.D.

Assistant Professor of Medicine, University of California, Irvine. Staff, Pulmonary Physician, and Director of the Pulmonary Function Laboratory, Veterans Administration Medical Center, Long Beach, California.
Chronic Obstructive Pulmonary Disease

NASREEN BHUMBRA, M.D.

Assistant Professor of Pediatrics, Division of Infectious Diseases, Medical College of Ohio, Toledo. Staff Physician, Medical College of Ohio Hospital, Toledo. Courtesy Staff Physician, Toledo Hospital, Mercy Hospital and St. Vincent Medical Center, Toledo.
Mumps

D. MONTGOMERY BISSELL, M.D.

Professor of Medicine, University of California, San Francisco. Attending Physician, San Francisco General Hospital and University of California Hospitals, San Francisco.
Porphyria

E. RICHARD BLONSKY, M.D.

Associate Professor of Clinical Neurology and Rehabilitation Medicine, Northwestern University Medical School, Chicago, Illinois. Attending Physician, Rehabilitation Institute of Chicago, and Northwestern Memorial Hospital, Chicago. Consulting Neurologist, Highland Park Hospital, Chicago.
Pain

FRANK G. BOINEAU, M.D.

Associate Professor of Pediatrics, Tulane University School of Medicine, New Orleans, Louisiana. Director of Pediatric Nephrology, Tulane University Hospital, New Orleans.
Parenteral Fluid Therapy for Infants and Children

STUART D. BOYD, M.D.

Assistant Professor of Urology, University of Southern California School of Medicine, Los Angeles. Attending Staff, Norris Cancer Hospital and Research Institute, University of Southern California, and Los Angeles County/University of California Medical Center, Los Angeles.
Genitourinary Tuberculosis

DERALD E. BRACKMANN, M.D.

Clinical Professor of Otolaryngology, University of Southern California, Los Angeles. Active Staff, St. Vincent Medical Center and Children's Hospital, Los Angeles. Courtesy Staff, Hospital of the Good Samaritan, and Linda Vista Community Hospital, Los Angeles.
Meniere's Disease

GREGORY L. BRADEN, M.D.

Assistant Professor of Medicine, Tufts University School of Medicine, Boston, Massachusetts. Director, Renal Laboratory, Baystate Medical Center, Springfield, Massachusetts.
Diabetes Insipidus

W. C. BROADDUS, M.D., Ph.D.

Resident, Department of Neurosurgery, University of Virginia Medical Center, Charlottesville.
Acute Head Injuries in Children

DONALD D. BROWN, M.D.

Associate Professor, College of Medicine, University of Iowa, Iowa City. Cardiologist, Division of Cardiovascular Diseases, Department of Internal Medicine, University Hospitals, Iowa City.
Cardiac Arrest

MARK J. BROWN, M.D.

Professor of Neurology, University of Pennsylvania School of Medicine, Philadelphia. Attending Physician, Hospital of the University of Pennsylvania, Philadelphia.
Peripheral Neuropathies

THOMAS R. BROWNE, M.D.

Professor of Neurology and Associate Professor of Pharmacology and Experimental Therapeutics, Boston University School of Medicine, Boston, Massachusetts. Assistant Chief, Neurology Service, Boston Veterans Administration Medical Center.

Epilepsy in Adolescents and Adults

REGINALD C. BRUSKEWITZ, M.D.

Associate Professor Surgery/Urology, University of Wisconsin Medical School, Madison. Staff, University of Wisconsin Hospital, and William S. Middleton Veterans Administration Hospital, Madison.

Benign Prostatic Hyperplasia

RICHARD E. BRYANT, M.D.

Professor of Medicine, Director, Infectious Diseases Division, Oregon Health Sciences University, Portland. Staff, Oregon Health Science University Hospital, Portland.

Bacteremia

WARD E. BULLOCK, M.D.

Professor of Medicine, and Director, Division of Infectious Diseases, University of Cincinnati College of Medicine, Cincinnati, Ohio. Senior Physician, University of Cincinnati Hospital, Cincinnati. Consultant, Cincinnati Veterans Administration Hospital and Cincinnati Children's Hospital, Cincinnati.

Histoplasmosis

JON M. BURCH, M.D.

Assistant Professor of Surgery, Baylor College of Medicine, Houston, Texas. Assistant Attending Physician, Ben Taub General Hospital, Houston.

Acute Pancreatitis

JOHN G. BURFORD, M.D.

Associate Professor of Medicine, Pulmonary Diseases Section, Department of Medicine, Louisiana State University Medical Center, Shreveport. Chief, Medicine Service, Veterans Administration Medical Center, Shreveport.

Blastomycosis

MICHAEL S. BURNHILL, M.D., D.M.Sc.

Professor of Clinical Obstetrics and Gynecology, University of Medicine and Dentistry of New Jersey—Robert Wood Johnson Medical School, New Brunswick. Active Staff, Robert Wood Johnson University Hospital, New Brunswick.

Abortion

FERNANDO CABANILLAS, M.D.

Professor of Medicine, University of Texas System Cancer Center, Houston. Chief, Lymphoma Section, Department of Hematology, M.D. Anderson Hospital and Tumor Institute, Houston.

Malignant Lymphomas (Non-Hodgkin's Lymphomas)

C. WAYNE CALLAWAY, M.D.

Department of Medicine, George Washington University Medical Center, Center for Clinical Nutrition, Washington, D.C.

Obesity

JEFFREY P. CALLEN, M.D.

Associate Professor of Medicine (Dermatology), University of Louisville, Kentucky. Chief, Dermatology, Louisville Veterans Administration Medical Center.

The Connective Tissue Diseases: Lupus Erythematosus, Scleroderma, and Dermatomyositis

DONALD B. CALNE, M.D.

Belzberg Family Professor of Medicine, and Head, Division of Neurology, University of British Columbia Health Sciences Centre Hospital, Vancouver, British Columbia, Canada.

Parkinsonism

WILLIAM R. CAMANN, M.D.

Instructor in Anesthesia, Department of Anesthesia, Harvard Medical School, Boston, Massachusetts. Staff Anesthesiologist, Department of Anesthesia, Brigham and Women's Hospital, Boston.

Obstetric Anesthesia

ROBERT CANCRO, M.D., M.ED. D.Sc.

Professor and Chairman, Department of Psychiatry, New York University Medical Center, New York. Chief, Department of Psychiatry, University Hospitals, New York. Director, Department of Psychiatry, Bellevue Hospital, New York.

Schizophrenic Disorders

THOMAS R. CARACCIO, PHARM.D., R.P.H.

Adjunct Assistant Professor of Clinical Pharmacy, St. John's University, College of Pharmacy, Jamaica, New York. Assistant Professor of Pharmacy and Toxicology, New York College of Osteopathic Medicine, Old Westbury. Clinical Coordinator and Clinical Pharmacist, Long Island Regional Poison Control Center, Nassau County Medical Center, East Meadow, New York.

Acute Poisonings

LARRY C. CAREY, M.D.

Robert M. Zollinger Professor of Surgery, Ohio State University, Columbus. Staff, Ohio State University Hospitals, Grant Hospital, and Children's Hospital, Columbus.

Chronic Pancreatitis

TERRENCE L. CASCINO, M.D.

Department of Neurology, Mayo Medical School, Rochester, Minnesota. Staff, St. Mary's Hospital; Rochester Methodist Hospital, Rochester.

Brain Tumors

DONALD C. CHAMBERS, M.D.

Assistant Professor of Obstetrics and Gynecology, Howard University College of Medicine, Washington, D.C. Attending Staff, Sinai Hospital, Baltimore. Chief, Department of Obstetrics and Gynecology, Liberty Medical Center, Baltimore, Maryland.

Leiomyomata of the Uterus

LEON CHAMEIDES, M.D.

Clinical Professor, Department of Pediatrics, University of Connecticut Health Center, Hartford. Director, Pediatric Cardiology, Hartford Hospital.
Rheumatic Fever

TASNEE CHONMAITREE, M.D.

Associate Professor of Pediatrics and Pathology, and Co-Director, Pediatric Infectious Disease Division, University of Texas Medical Branch at Galveston. Attending Staff, University of Texas Medical Branch Hospitals, Galveston.
Viral Meningoencephalitis

ANTHONY W. CHOW, M.D.

Professor and Head, Division of Infectious Disease, Department of Medicine, University of British Columbia, Vancouver, British Columbia, Canada. Head, Division of Infectious Disease, Vancouver General Hospital. Consultant in Infectious Disease, Health Sciences Hospital, Shaughnessy Hospital, and British Columbia Cancer Control Hospital, Vancouver.
Toxic Shock Syndrome

GEORGE P. CHROUSOS, M.D.

Clinical Professor, Georgetown University Medical School, Washington, D.C. Senior Investigator, National Institute of Child Health and Human Development, National Institutes of Health, Bethesda, Maryland.
Cushing's Syndrome

THOMAS D. COATES, M.D.

Assistant Professor of Pediatrics, Division of Hematology/Oncology, University of Southern California School of Medicine, Los Angeles. Staff, Children's Hospital of Los Angeles.
Neutropenia

PAUL G. COLAVITA, M.D.

Assistant Professor of Medicine/Cardiology, Bowman Gray School of Medicine, Winston-Salem, North Carolina. Director, Clinical Electrophysiology Laboratory, North Carolina Baptist Hospital, Winston-Salem.
Heart Block

REX B. CONN, M.D.

Professor and Vice Chairman, Department of Pathology, Jefferson Medical College of Thomas Jefferson University, Philadelphia, Pennsylvania. Director, Clinical Laboratories, Thomas Jefferson University Hospital, Philadelphia.
Laboratory Values of Clinical Importance

JOSHUA A. COPEL, M.D.

Assistant Professor, Section of Maternal-Fetal Medicine, Department of Obstetrics and Gynecology, Yale University School of Medicine, New Haven, Connecticut. Associate Staff, Obstetrics and Gynecology, Yale-New Haven Hospital, New Haven.
Antepartum Care

LARRY J. COPELAND, M.D.

Associate Professor of Gynecology, The University of Texas System Cancer Center, Houston, Texas. Staff Gynecologist, University of Texas M.D. Anderson Hospital and Tumor Institute, Houston.
Neoplasms of the Vulva

LAWRENCE COREY, M.D.

Professor, Departments of Laboratory Medicine, Microbiology, and Immunology; Adjunct Professor, Departments of Medicine and Pediatrics, University of Washington, Seattle. Head,

Diagnostic Virology Division, University of Washington, Children's Orthopedic Hospital and Medical Center, Seattle. Attending Physician, Internal Medicine, University of Washington Affiliated Hospitals; Pediatric Infectious Disease, Children's Orthopedic Hospital and Medical Center, University of Washington, Department of Pediatrics. Consulting Physician, Infectious Diseases, University of Washington Affiliated Hospitals, Seattle.

Viral Diseases of the Skin

RALPH COREY, M.D.

Assistant Professor in Medicine and Infectious Disease, Duke University Medical Center, Durham, North Carolina. Director of Postgraduate Medical Education, Program Director in Internal Medicine, Duke University Medical Center, Durham.
Osteomyelitis

ROBERT B. COUCH, M.D.

Professor, Microbiology and Immunology and Medicine, Baylor College of Medicine, Houston, Texas. Staff Physician, The Methodist Hospital, The Ben Taub General Hospital, Houston.
Influenza

CHRISTOPHER P. CROTTY, M.D.

Assistant Professor, Departments of Internal Medicine and Pathology, University of Nebraska Medical Center, Omaha. Staff Physician, University of Nebraska Medical Center, Clarkson Hospital, Methodist Hospital, Children's Hospital, and Emmanuel Medical Center, Omaha.
Diseases of the Mouth

PATRICIA K. CRUMRINE, M.D.

Associate Professor of Pediatrics and Neurology, University of Pittsburgh School of Medicine, Pittsburgh, Pennsylvania. Pediatric Neurologist, Children's Hospital of Pittsburgh. Consultant, Rehabilitation Institute of Pittsburgh.
Epilepsy in Infants and Children

FREDERICK J. CURLEY, M.D.

Assistant Professor of Medicine, Division of Pulmonary and Critical Care Medicine, University of Massachusetts Medical School, Worcester. Director, Medical Intensive Care Unit, University of Massachusetts Medical Center, Worcester.
Cough

PETER C. S. d'AUBERMONT, M.D.

Assistant Clinical Professor, Emory University, Atlanta, Georgia. Staff Physician, St. Joseph's Hospital, Northside Hospital, and Veterans Administration Hospital, Atlanta.
Cancer of the Skin

RICHARD A. DAVIDSON, M.D., M.P.H.

Associate Professor, University of Florida, Department of Medicine, Gainesville. Attending Physician, Shands Hospital and Gainesville Veterans Administration Hospital, Gainesville.
Amebiasis

M. YUSOFF DAWOOD, M.D., CH.B., M. MED.

Professor of Obstetrics and Gynecology, and Director, Division of Reproductive Endocrinology, University of Illinois College of Medicine, Chicago. Attending Obstetrician and Gynecologist, University of Illinois Hospital, Chicago.
Amenorrhea

MICHAEL E. DE BAKEY, M.D.

Olga Keith Wiess Professor of Surgery, and Chairman of the Department of Surgery, Baylor College of Medicine, Houston,

Texas. Director, De Bakey Heart Center, Houston. Chancellor, Baylor College of Medicine, Houston. Senior Attending Surgeon, The Methodist Hospital, Houston. Consultant in Surgery, Veterans Administration Hospital, M.D. Anderson Hospital, St. Luke's Episcopal Hospital, and Texas Children's Hospital, Houston. Surgeon-in-Chief, Ben Taub General Hospital, Houston. Consultant in Surgery, Walter Reed Army Hospital, Washington, D.C.

Acquired Diseases of the Aorta

NORMAN DECKER, M.D.

Clinical Associate Professor, Department of Psychiatry, and Clinical Assistant Professor, Department of Family Practice, Baylor College of Medicine, Houston, Texas. Instructor, Extension Division, Houston-Galveston Psychoanalytic Institute. Director, Adult Treatment Program. Houston City Hospital. Staff Physician, Methodist Hospital and St. Luke's Hospital, Houston.

Psychoneurosis

GEORGE S. DEEPE, JR., M.D.

Assistant Professor of Medicine, University of Cincinnati College of Medicine, Cincinnati, Ohio. Staff, University of Cincinnati Hospitals, Cincinnati.

Histoplasmosis

LEONARD J. DEFTOS, M.D.

Professor of Medicine, University of California, San Diego. Chief, Endocrine Section, Veterans Administration Hospital, San Diego.

Hyperparathyroidism and Hypoparathyroidism

J. B. DELASHAW, M.D.

Resident, Department of Neurosurgery, University of Virginia Medical Center, Charlottesville.

Acute Head Injuries in Children

DAVID T. DENNIS, M.D., M.P.H.

Adjunct Assistant Professor of Community Medicine, Dartmouth Medical College, Hanover, New Hampshire.

Typhus Fevers

STANLEY C. DERESINSKI, M.D.

Clinical Associate Professor of Medicine, Stanford University, Stanford, California. Staff, Stanford University Hospital, Stanford, and Sequoia Hospital, Redwood City.

Coccidioidomycosis

RICHARD D. DE SHAZO, M.D.

Professor of Medicine and Pediatrics, Tulane University School of Medicine, New Orleans, Louisiana. Chief of Pediatric Clinical Immunology, Allergy and Rheumatology, Tulane University Hospital New Orleans. Chief, Clinical Immunology, New Orleans Veterans Administration Medical Center.

Anaphylaxis and Serum Sickness

LUIS A. DIAZ, M.D.

Professor, Department of Dermatology, Johns Hopkins University School of Medicine, Baltimore, Maryland. Attending Physician, Johns Hopkins University Hospital, Baltimore.

Bullous Diseases

GORDON M. DICKINSON, M.D.

Associate Professor of Medicine, Division of Infectious Diseases. Department of Medicine, University of Miami School of Medicine, Miami, Florida.

Acquired Immunodeficiency Syndrome (AIDS)

JOHN F. DONOHUE, M.D.

Senior Clinical Lecturer (Nephrology), The Medical School, Royal College of Surgeons in Ireland, Dublin. Consultant Nephrologist, The Charitable Infirmary, Jervis Street Hospital, and Mater Misericordiae Hospital, Dublin.

Acute Renal Failure

BORIS DRAZNIN, M.D.

Associate Professor of Medicine, University of Colorado Medical School, Denver. Chief, Endocrinology Section, Veterans Administration Medical Center, Denver.

Diabetes Mellitus in Adults

DONALD J. DUDLEY, M.D.

Chief Resident, Department of Obstetrics and Gynecology, University of Iowa Hospital and Clinics, Iowa City.

Vaginal Bleeding in Late Pregnancy

WILLIAM G. DUNAGIN, M.D.

Staff Physician, Franklin Regional Medical Center, Franklin, Pennsylvania.

Verruca Vulgaris (Warts)

W. CHRISTOPHER DUNCAN, M.D.

Clinical Professor, Baylor College of Medicine, Houston, Texas. Attending Staff, Methodist Hospital, Ben Taub Hospital, and Veterans Administration Hospital. Consulting Staff, St. Luke's Episcopal Hospital, Hermann Hospital, and Texas Institute Rehabilitation and Research, Houston.

Gonorrhea; Nongonococcal Urethritis

ALUN L. EDWARDS, M.B.

MRC Research Fellow, University of Calgary, Calgary, Alberta, Canada.

Simple Goiter

MORVEN S. EDWARDS, M.D.

Associate Professor of Pediatrics, Baylor College of Medicine, Houston, Texas. Active Staff, Texas Children's Hospital, Ben Taub General Hospital and Jefferson Davis Hospital, Houston.

Rubella and Congenital Rubella

RICHARD S. EISENSTAEDT, M.D.

Associate Professor of Medicine, Temple University School of Medicine, Philadelphia, Pennsylvania. Director, Blood Bank, Temple University Hospital, Philadelphia.

Autoimmune Hemolytic Anemia

MERVYN L. ELGART, M.D.

Professor and Chairman, Department of Dermatology, George Washington University Medical Center, Washington, D.C. Chief, Dermatology Department, George Washington University Hospital; Dermatology Division, Children's Hospital, National Medical Center. Consultant Dermatologist, Washington Hospital Center. Consultant, Malcolm Grow Hospital, U.S.A.F. Hospital, Andrews Air Force Base, Washington, D.C.

Fungal Diseases

E. GEORGE ELIAS, M.D., PH.D.

Professor of Surgery and Oncology, University of Maryland School of Medicine, Baltimore. Chief of Surgical Oncology Program, University of Maryland Hospital, Baltimore. Consultant, Veterans Administration Medical Center, Baltimore.

Tumors of the Stomach

E. CHRISTOPHER ELLISON, M.D.

Assistant Professor of Surgery, College of Medicine, The Ohio State University, Columbus. Attending Staff, The Ohio State University Hospitals, Columbus.
Chronic Pancreatitis

JOHN H. EPSTEIN, M.D.

Clinical Professor of Dermatology, University of California, San Francisco. Active Staff, University of California at San Francisco, Mt. Zion Hospital, and Ralph K. Davies Hospital, San Francisco. Courtesy Staff, Children's Hospital and St. Francis Hospital, San Francisco.
Sunburn and Photosensitivity

CHARLES D. ERICSSON, M.D.

Associate Professor of Medicine, University of Texas Medical School, Houston, Texas. Staff Physician and Chairman, Infection Control Department, Hermann Hospital.
Granuloma Inguinale (Donovanosis); Lymphogranuloma Venereum

THOMAS G. EVANS, M.D.

Fellow in Geographic Medicine and Infectious Diseases, Department of Medicine, University of Virginia School of Medicine, Charlottesville. Staff, University of Virginia Hospital, Charlottesville.
Acute Infectious Diarrhea

VINCENT FALANGA, M.D.

Assistant Professor of Medicine and Dermatology, University of Miami School of Medicine, Miami, Florida. Attending Physician, Jackson Memorial Hospital, Miami.
Venous Ulcers and Other Cutaneous Ulcerations

GARY W. FALK, M.D.

Staff, The Cleveland Clinic Foundation, Cleveland, Ohio.
Diverticula of the Alimentary Tract

MICHAEL D. FALLON, M.D.

Hospital of the University of Pennsylvania, Department of Pathology and Laboratory Medicine, Surgical Pathology, Philadelphia.
Rickets and Osteomalacia

PETER F. FEDULLO, M.D.

Assistant Professor of Medicine, Pulmonary/Critical Care Division, University of California Medical Center, San Diego. Staff, Veterans Administration Medical Center, San Diego.
Pulmonary Embolism

LINDA FIDLER, R.N., C.C.R.N.

Clinical Supervisor, Emergency Department, Burlington Medical Center, Burlington, Iowa.
Cardiac Arrest

JO-DAVID FINE, M.D.

Associate Professor and Director of Dermatologic Research, University of Alabama at Birmingham School of Medicine. Chief, Dermatology Section, Medical Service, Birmingham Veterans Administration Medical Center. Attending Physician, University Hospital. Consultant, Children's Hospital, Birmingham.
Skin Diseases of Pregnancy

SYDNEY M. FINEGOLD, M.D.

Professor of Medicine, University of California School of Medicine, Los Angeles. Associate Chief of Staff for Research and Development, Virginia Wadsworth Medical Center, Los Angeles.
Brain Abscess

MARGARET A. FISCHL, M.D.

Associate Professor of Medicine, Department of Medicine, University of Miami School of Medicine, Miami, Florida.
Acquired Immunodeficiency Syndrome (AIDS)

ALEXANDER A. FISHER, M.D.

Clinical Professor of Dermatology, New York University Medical Center, New York. Clinical Professor of Dermatology, University Hospital, New York University Medical Center.
Occupational Dermatitis

DAVID G. FOLKS, M.D.

Associate Professor and Director of Geriatric Programs, Department of Psychiatry, and Assistant Professor, Department of Medicine, University of Alabama School of Medicine, Birmingham. Staff, University of Alabama Hospitals and Veterans Administration Medical Center, Birmingham.
Delirium

ROGER S. FOSTER, JR., M.D.

Professor of Surgery, and Director, Vermont Regional Cancer Center, University of Vermont, Burlington. Attending Surgeon, Medical Center Hospital of Vermont, Burlington.
Diseases of the Breast

JACKSON E. FOWLER, JR., M.D.

Clarence C. Saelhof, Professor and Chief of Urology, University of Illinois College of Medicine, Chicago. Chief of Urology, University of Illinois Hospital, Chicago.
Prostatitis

GORDON FRANCIS, M.D.

Assistant Professor, Department of Neurology and Neurosurgery, Faculty of Medicine, McGill University, Montreal, Quebec, Canada. Associate Neurologist, Montreal Neurologic Hospital, Montreal.
Multiple Sclerosis

ROGER A. FREEDMAN, M.D.

Assistant Professor, Cardiology Division, University of Utah Medical Center, Salt Lake City.
Tachycardia

ANDREW JOSEPH FRIEDMAN, M.D.

Instructor, Department of Obstetrics and Gynecology, Harvard Medical School, Boston, Massachusetts. Associate Obstetrician-Gynecologist, Brigham and Women's Hospital, Boston.
Dysfunctional Uterine Bleeding

BRUCE FURIE, M.D.

Professor of Medicine, Tufts University School of Medicine, Boston, Massachusetts. Chief, Coagulation Unit, Division of Hematology-Oncology, New England Medical Center, Boston.
Vitamin K Deficiency

F. ANDREW GAFFNEY, M.D.

Associate Professor of Medicine, University of Texas Health Science Center, Southwestern Medical School, Dallas. Attending Physician, Parkland Memorial Hospital, Dallas.
Mitral Valve Prolapse

RUDOLPH P. GALASK, M.D.

Professor of Obstetrics and Gynecology, and Professor of Microbiology, University of Iowa College of Medicine, Iowa City.
Vulvovaginitis

THOMAS C. GASSER, M.D.

Research Fellow, University of Wisconsin School of Medicine and Veterans Hospital and Clinical Science Center. University of Wisconsin, Madison.
Benign Prostatic Hyperplasia

ROBERT H. GELBER, M.D.

Associate Clinical Professor, Department of Epidemiology and International Health and Dermatology, University of California, San Francisco. Associate Clinical Professor, Department of Dermatology, Stanford University, Stanford, California. Staff, Mt. Zion Hospital and Medical Center, San Francisco, and Seton Medical Center, Daly City.
Leprosy

HARRIET S. GILBERT, M.D.

Professor of Medicine, Albert Einstein College of Medicine, Bronx, New York. Attending Physician, Montefiore Medical Center, Jacobi Hospital, Bronx Municipal Hospital Center, and Mount Sinai Hospital, New York.
Polycythemia Vera and Other Polycythemic Conditions

RICHARD A. GLECKMAN, M.D.

Professor of Medicine, University of Massachusetts Medical School, Worcester. Chief, Division Infectious Disease, St. Vincent Hospital, Worcester.
Streptococcal Pharyngitis

DEBORAH GOLD, M.D.

Senior Fellow, Infectious Diseases, University of Washington, Seattle. Staff Physician, Infectious Diseases and Internal Medicine, Kaiser Permanente Medical Center, San Francisco, California.
Viral Diseases of the Skin

DAVID B. K. GOLDEN, M.D.

Assistant Professor of Medicine, The Johns Hopkins University School of Medicine, Baltimore, Maryland. Active Staff, Franklin Square Hospital, Baltimore. Associate Staff, Sinai Hospital; The Johns Hopkins Hospital, Baltimore.
Allergic Reactions to Insect Stings

ALVIN F. GOLDFARB, M.D.

Professor of Obstetrics and Gynecology, The Jefferson Medical College of Thomas Jefferson University, Philadelphia, Pennsylvania. Attending Obstetrician, Thomas Jefferson University Hospital, Philadelphia. Consultant Obstetrician-Gynecologist, Pennsylvania Hospital, Philadelphia, and St. Barnabas Medical Center, Livingston, New Jersey.
Osteoporosis

MICHAEL T. GOLDFARB, M.D.

Lecturer, University of Michigan Medical School, Ann Arbor. Staff, University Hospital, Ann Arbor.
Bacterial Diseases

ROBERT L. GOODMAN, M.D.

Professor, University of Pennsylvania School of Medicine, Philadelphia. Chairman, Department of Radiation Therapy, Hospital of the University of Pennsylvania, Philadelphia. Staff, Fox Chase Cancer Center, Philadelphia.
Hodgkin's Disease: Radiation Therapy

C. W. GOWEN, JR., M.D.

Assistant Professor of Pediatrics, East Carolina University School of Medicine, Greenville, North Carolina. Staff, Pitt County Memorial Hospital and Children's Hospital of Eastern North Carolina, Greenville.
Care of the High-Risk Neonate

W. ROBERT GRAHAM, M.D.

Assistant Clinical Professor, University of California School of Medicine, San Diego. Director, Admissions/Triage, Veterans Administration Medical Center, San Diego.
Hyperparathyroidism and Hypoparathyroidism

CARL V. GRANGER, M.D.

Professor, Rehabilitation Medicine, State University of New York at Buffalo. Head, Rehabilitation Medicine, The Buffalo General Hospital, Buffalo, New York.
Rehabilitation of the Patient with Hemiplegia

PETER A. T. GRANNUM, M.D.

Associate Professor and Director of Medical Studies, and Director of Clinical High Risk Obstetrics, Section of Maternal-Fetal Medicine, Department of Obstetrics and Gynecology, Yale University School of Medicine, New Haven, Connecticut.
Antepartum Care

JERRY A. GREEN, M.D.

Assistant Clinical Professor of Medicine, Yale University School of Medicine, New Haven, Connecticut. Assistant Attending Physician, Danbury Hospital, Danbury. Consultant, Yale-New Haven Hospital, New Haven; and New Milford Hospital, New Milford.
Lyme Disease

ROBERT P. GREEN, M.D.

Associate Clinical Professor, Mount Sinai School of Medicine, Elmhurst, New York. Associate Director, Department of Otolaryngology, City Hospital Center at Elmhurst. Assistant Attending Physician, Mt. Sinai Hospital. Attending Physician, Bronx Veterans Administration Hospital. Provisional Courtesy Privilege, Doctors Hospital, New York City.
Tinnitus

BARRY GREENBERG, M.D.

Professor of Medicine, Oregon Health Sciences University, Portland. Director, Coronary Care Unit, University Hospital, Oregon Health Sciences University.
Infective Endocarditis

JOSEPH GREENSHER, M.D.

Professor of Clinical Pediatrics, State University of New York at Stony Brook. Chairman, Department of Pediatrics, Winthrop University Hospital, Mineola. Associate Director, Long Island Regional Poison Control Center, Nassau County Medical Center, East Meadow.
Acute Poisonings

H. BARTON GROSSMAN, M.D.

Associate Professor, Department of Surgery, Section of Urology, University of Michigan Medical Center, Ann Arbor, Michigan.
Malignant Tumors of the Urogenital Tract

JAMES C. GROTTA, M.D.

Associate Professor, Department of Neurology, University of Texas Medical School, Houston. Staff, Hermann Hospital, Houston.
Ischemic Cerebrovascular Disease

RICHARD L. GUERRANT, M.D.

Professor of Medicine, Head, Division of Geographic Medicine, Department of Medicine, University of Virginia School of Medicine, Charlottesville. Staff, University of Virginia Hospital, Charlottesville.
Acute Infectious Diarrhea

WILLIAM GRAHAM GUERRIERO, M.D.

Professor of Urology, Baylor College of Medicine, Houston, Texas. Active Staff, The Methodist Hospital, Houston. Deputy Chief of Urology, Ben Taub General Hospital, Houston. Attending Staff, St. Luke's Episcopal Hospital and The Veterans Administration Hospital, Houston. Consulting Staff, Texas Children's Hospital, Houston.

Bacterial Infections of the Urinary Tract in Women

HECTOR GUISCAFRÉ G., M.D.

Professor of Infectology and Epidemiology, Faculty of Medicine, Universidad Nacional Autónoma de México, Mexico City. Associate Researcher, Clinical Investigation of Infectious and Parasitic Diseases Unit, Hospital de Pediatría Centro Médico Nacional Instituto Mexicano del Seguro Social, Mexico City.

Typhoid Fever

DAVID R. HABURCHAK, M.D.

Associate Clinical Professor of Medicine, Medical College of Georgia, Augusta. Chief, Department of Medicine, Eisenhower Army Medical Center, Fort Gordon, Georgia.

Bacterial Meningitis

JEAN K. HADDAD, M.D.

Associate Clinical Professor of Medicine, University of California, San Francisco. Active Staff, St. Frances Memorial Hospital, San Francisco. Consulting Staff, St. Mary's Hospital, Chinese Hospital, Children's Hospital, and Hospital of the University of California, San Francisco.

Dysphagia and Esophageal Obstruction

WENDELL H. HALL, M.D., Ph.D.

Emeritus Professor of Medicine and Microbiology, Medical School, University of Minnesota, Minneapolis. Chairman, Human Studies Committee, Research Service, Veterans Administration Medical Center, Minneapolis.

Brucellosis

STEPHEN B. HANAUER, M.D.

Assistant Professor of Medicine, Section of Gastroenterology, University of Chicago Medical Center, Chicago, Illinois.

Crohn's Disease

JON M. HANIFIN, M.D.

Professor of Dermatology, Oregon Health Sciences University, Portland.

Atopic Dermatitis

DAVID A. HATCH, M.D.

Assistant Professor of Urology, Loyola University, Stritch School of Medicine, Maywood, Illinois. Active Attending Staff, Children's Memorial Hospital, Chicago.

Bacterial Infections of the Urinary Tract in Girls

JOHN A. HEANEY, M.D.

Associate Professor of Clinical Surgery (Urology), Dartmouth Medical School, Hanover, New Hampshire. Chief, Section of Urology, Dartmouth Hitchcock Medical Center, Hanover.

Epididymitis

DAVID M. HEIMBACH, M.D.

Professor of Surgery, University of Washington School of Medicine, Seattle. Director, University of Washington Burn Center, Seattle.

Burns

CHRISTIAN HERRMANN, JR., M.D.

Emeritus Professor of Neurology, University of California School of Medicine, Los Angeles. Attending Neurologist, University of California-Los Angeles Hospitals. Consulting Neurologist, Wadsworth Veterans Administration Hospital, Los Angeles; and St. John's Hospital, Santa Monica, California.

Myasthenia Gravis

JAMES R. HIGGINS, M.D.

Associate Clinical Professor of Medicine, University of Oklahoma Medical School, Oklahoma City. Director of Electrophysiology and Pacemaker Service, St. Francis Hospital, Tulsa.

Angina Pectoris

DAVID R. HILL, M.D.

Assistant Professor of Medicine, University of Connecticut School of Medicine, Farmington, Connecticut. Attending Physician, John Dempsey Hospital, University of Connecticut Health Center, Farmington. Consulting Physician, Veteran's Administration Medical Center, Newington.

Salmonellosis

THOMAS G. HILL, M.D.

Clinical Assistant Professor of Dermatology, Emory University School of Medicine, Atlanta, Georgia. Staff Physician, DeKalb General Hospital, Decatur; Rockdale Hospital, Conyers; Grady Memorial Hospital, Atlanta; Newton County Hospital, Covington.

Premalignant Lesions

PAULA J. A. HILLARD, M.D.

Assistant Professor of Obstetrics and Gynecology, and Director of Gynecology, University of Cincinnati School of Medicine, Cincinnati, Ohio. Staff, University Hospital, Cincinnati.

Pelvic Inflammatory Disease

JOHN L. HO, M.D.

Assistant Professor of Medicine, Cornell University Medical College, Division of International Medicine, Department of Medicine, New York, New York. Assistant Professor and Attending Physician, The New York Hospital, Division of International Medicine, Department of Medicine, New York.

Food-Borne Illness

KRISTEN L. ENGBAHL HOFFMAN, M.D.

Assistant Professor, University of Nebraska Medical Center, Omaha. Active Staff, University of Nebraska Medical Center, Omaha. Courtesy Staff, Bishop Clarkson Memorial Hospital, Immanuel Hospital, and Methodist Hospital, Omaha.

Contraception

STEPHEN L. HOFFMAN, M.D.

Director, Malaria Program, Infectious Diseases Department, Naval Medical Research Institute, Bethesda, Maryland. Adjunct Associate Professor, Department of Preventive Medicine, Uniformed Services, University of the Health Sciences, Washington, D.C. Attending Physician, Walter Reed Army Medical Center and Providence Hospital, Washington, D.C.

Malaria

RICHARD T. HOPPE, M.D.

Associate Professor, Department of Therapeutic Radiology, Stanford University School of Medicine, Stanford, California. Associate Professor, Stanford University Hospital, Stanford.

Mycosis Fungoides

GORDON B. HUGHES, M.D.

Director of Education, Clinical Staff, Department of Otolaryngology and Communicative Disorders, Cleveland Clinic Foundation, Cleveland, Ohio.
Acute Peripheral Facial Paralysis (Bell's Palsy)

HARRY F. HULL, M.D.

State Epidemiologist, New Mexico Health and Environment Department, Santa Fe.
Rabies

DUANE G. HUTSON, M.D.

Professor of Surgery, University of Miami School of Medicine, Miami, Florida. Jackson Memorial Veterans Administration Medical Center, Miami.
Bleeding Esophageal Varices

AKIHIRO IGATA, M.D.

President, Kagoshima University, Kagoshima, Japan.
Beriberi (Thiamine [Vitamin B₁] Deficiency)

HIROO IMURA, M.D.

Professor, Department of Medicine, Kyoto University Faculty of Medicine, Kyoto, Japan. Chief, Second Division, Department of Medicine, Kyoto University Hospital, Kyoto.
Hypopituitarism

RICHARD S. IRWIN, M.D.

Professor of Medicine, University of Massachusetts Medical School, Worcester. Director, Pulmonary and Critical Care Medicine Division, University of Massachusetts Medical Center, Worcester.
Cough

LAURENCE S. JACOBS, M.D.

Professor of Medicine and Director Clinical Research Center, University of Rochester Medical Center, Rochester, New York. Senior Physician, Strong Memorial Hospital, Rochester.
Acromegaly

JAN JANSEN, M.D., PH.D.

Associate Professor of Medicine and Pediatrics, Indiana University School of Medicine, Indianapolis. Director, Bone Marrow Transplantation Program, Division of Hematology/Oncology, Indiana University Hospitals, Indianapolis.
Aplastic Anemia

OSCAR M. JARDON, M.D.

Associate Professor of Orthopaedic Surgery, University of Nebraska Medical Center, Omaha. Staff, Omaha Veterans Administration Hospital, Nebraska Methodist Hospital, Bishop Clarkson Memorial Hospital, Children's Memorial Hospital, Emanuel Lutheran Hospital, and University of Nebraska Medical Center, Omaha.
Heat Disturbance

LISSY F. JARVIK, M.D. PH.D.

Professor, Department of Psychiatry and Biobehavioral Sciences, University of California, Los Angeles. Chief, Psychogeriatric Unit, West Los Angeles Veterans Administration Medical Center, Brentwood Division. Chief, Section on Neuropsychogeriatrics, University of California Neuropsychiatric Institute and Hospital, Los Angeles.
Alzheimer's Disease

CAROL JOHNSON JOHNS, M.D.

Associate Professor of Medicine, Respiratory Division, and Assistant Dean of Continuing Education, The Johns Hopkins University School of Medicine, Baltimore, Maryland. Director, Sarcoid Clinic, The Johns Hopkins Medical Institutions, Baltimore.
Sarcoidosis

CHRISTINE A. JOHNSON, M.D.

Associate Professor of Pediatrics, Bowman Gray School of Medicine, Winston-Salem, North Carolina. Staff, North Carolina Baptist Hospital, Winston-Salem.
Sickle Cell Disease

J. MICHAEL JORDAN, M.D.

Clinician, Baylor Affiliated Hospitals, Houston, Texas.
Acute Respiratory Failure

WADE T. JORDAN, M.D.

Former Chief, Nephrology Service, Dwight David Eisenhower Army Medical Center, Fort Gordon, Georgia. Staff, Medical Arts Clinic and Navarro Regional Hospital, Corsicana, Texas.
Pyelonephritis

JON JUI, M.D.

Assistant Professor Medicine and Emergency Medicine, Oregon Health Sciences University, Portland.
Bacteremia

LISA G. KAPLOWITZ, M.D.

Assistant Professor, Division of Infectious Diseases, Department of Medicine, Medical College of Virginia, Richmond. Attending Staff, Medical College of Virginia Hospitals, Richmond.
Rocky Mountain Spotted Fever

ELAINE M. KAPTEIN, M.D.

Associate Professor of Medicine, University of Southern California, Los Angeles. Associate Professor of Medicine, Los Angeles County/University of Southern California Medical Center, Los Angeles.
Hypothyroidism

ADRIAN I. KATZ, M.D.

Professor of Medicine, The University of Chicago Pritzker School of Medicine, Chicago, Illinois. Attending Physician, University of Chicago Hospitals, Chicago.
Hypertensive Disorders of Pregnancy

GARY E. KAY, M.D.

Fellow, University of Chicago Pritzker School of Medicine, Chicago, Illinois. Fellow, Joint Section of Hematology/Oncology, University of Chicago, and Michael Reese Medical Centers, Chicago.
Nausea and Vomiting

PAUL KECHIJIAN, M.D.

Clinical Associate Professor of Dermatology, New York University School of Medicine. Associate Attending Physician, University Hospital and Bellevue Hospital, New York. Assistant Attending Physician, North Shore University Hospital, New York.
Diseases of the Nails

HARRY R. KEISER, M.D.

Clinical Director, National Heart, Lung and Blood Institute, National Institutes of Health, Bethesda, Maryland.
Pheochromocytoma

A. PAUL KELLY, M.D.

Professor of Dermatology, Drew University of Medicine and Science, Los Angeles, California. Associate Professor of Internal Medicine, Dermatology, University of California, Los Angeles. Chief, Division of Dermatology, Department of Internal Medicine, and Vice Chairman, Department of Internal Medicine, King/Drew Medical Center, Los Angeles.
Keloids

JOHN T. KELLY, M.D., M.P.H.

Professor, Department of Family Practice and Community Health; Professor of Psychiatry; and Professor, School of Public Health, University of Minnesota, School of Medicine, Minneapolis, Minnesota. Attending Staff, University of Minnesota Hospital and Clinic, Minneapolis. Courtesy Staff, St. Marys Hospital, Minneapolis.
Bulimia Nervosa

JAMES W. KENDIG, M.D.

Assistant Professor of Pediatrics, University of Rochester School of Medicine and Dentistry, Rochester, New York. Attending Neonatologist, Strong Memorial Hospital, and Rochester General Hospital, Rochester.
Hemolytic Disease of the Newborn

JOHN H. KERR, D.M.

Clinical Lecturer in Anesthetics and Fellow of Green College, University of Oxford, Oxford, England. Consultant in Anesthetics and Intensive Care, Oxfordshire Health Authority, Oxford.
Tetanus

JAY S. KEYSTONE, M.D., M.Sc.

Associate Professor of Medicine, Medical Microbiology and Pharmacology, University of Toronto, Ontario, Canada. Director, Tropical Disease Unit, Toronto General Hospital, Toronto.
Intestinal Parasites

ELIZABETH T. KHURI, M.D.

Associate Professor of Clinical Public Health and Pediatrics, Cornell University Medical College, New York, New York. Clinical Affiliate, The New York Hospital, New York. Visiting Physician, Rockefeller University Hospital, New York.
Narcotic Poisoning

WALTER M. KIRKENDALL, M.D.

Professor of Medicine, and Director, Hypertension Unit, The University of Texas Health Science Center at Houston Medical School. Physician, Hermann Hospital, Texas Medical Center, Houston.
Hypertension

WANDA KOCIĘCKA, M.D.

Associate Professor, Clinic of Parasitic and Tropical Diseases, Institut of Microbiology and Infectious Diseases, Academy of Medicine, Poznań, Poland.
Trichinellosis

MARVIN KOLODNY, M.D.

Associate Clinical Professor of Medicine, University of California, Los Angeles. Director, Endoscopy and Special Procedures, Downey Community Hospital, Downey. Consultant,

Wadsworth Veterans Administration Hospital, Los Angeles. Attending Staff, Harbor General Hospital, Los Angeles.
Gaseousness and Indigestion

FRANKLIN KOZIN, M.D.

Staff Physician, Scripps Clinic and Research Foundation and Green Hospital of Scripps Clinic, San Diego, California.
Fibrositis, Bursitis, and Tendinitis

SUMNER C. KRAFT, M.D.

Professor of Medicine and Committee on Immunology, The University of Chicago, Chicago, Illinois. Attending Physician, University of Chicago Hospitals and Clinics, Chicago.
Ulcerative Colitis

ROBERT S. KUNKEL, M.D.

Head, Section of Headache, Cleveland Clinic Foundation, and Cleveland Clinic Hospital, Cleveland, Ohio.
Headache

PAUL W. LADENSON, M.A. (OXON.), M.D.

Assistant Professor of Medicine, The Johns Hopkins University School of Medicine, Baltimore, Maryland. Head, Division of Endocrinology and Metabolism, Sinai Hospital, Baltimore. Chief, Thyroid Unit, The Johns Hopkins Hospital, Baltimore.
Hyperthyroidism

BARRY C. LAMKIN, M.D.

Assistant Professor of Dermatology, Case Western Reserve University School of Medicine, Cleveland, Ohio. Staff, University Hospitals of Cleveland and Cleveland Veterans Administration Medical Center.
Papulosquamous Eruptions

GREG LARSEN, M.D.

Fellow, Cardiology, The Oregon Health Sciences University, Portland.
Infective Endocarditis

WILLIAM M. LEE, M.D.

Associate Professor of Medicine, Medical University of South Carolina, Charleston. Staff, Medical University Hospital, Charleston.
Acute and Chronic Viral Hepatitis

LASALLE D. LEFFALL, JR., M.D.

Professor and Chairman, Department of Surgery, Howard University, College of Medicine, Washington, D.C. Surgeon-in-Chief, Howard University Hospital, Washington, D.C.
Tumors of the Colon and Rectum

ROBERT I. LEVY, M.D.

Professor of Medicine, College of Physicians and Surgeons, Columbia University, New York, New York. Attending Physician, Medical Service, Presbyterian Hospital, New York.
Hyperlipoproteinemia

JAMES H. LEWIS, M.D.

Assistant Professor of Medicine, Division of Gastroenterology, Georgetown University School of Medicine, Washington, D.C. Staff, Georgetown University Hospital, Washington, D.C.
Peptic Ulcer

JOHN E. LEWY, M.D.

Professor of Pediatrics, Tulane University School of Medicine, New Orleans, Louisiana. Active Staff, Tulane Medical Center, New Orleans. Associate Staff, Children's Hospital, New Orleans.
Parenteral Fluid Therapy for Infants and Children

TIMOTHY J. LEY, M.D.

Assistant Professor of Medicine and Genetics, Washington University School of Medicine, St. Louis, Missouri. Assistant in Medicine, Jewish Hospital at Washington University, St. Louis.
Thalassemia

JENNIFER LI, M.D.

Resident, Children's Hospital, Philadelphia, Pennsylvania.
Osteomyelitis

MARSHALL A. LICHTMAN, M.D.

Professor of Medicine (Hematology) and Biophysics, and Senior Associate Dean for Academic Affairs and Research, University of Rochester School of Medicine, Rochester, New York. Attending Physician, Strong Memorial Hospital, University of Rochester Medical Center, Rochester.
Acute Leukemia in Adults

RICHARD W. LIGHT, M.D.

Professor of Medicine, University of California, Irvine. Associate Chief of Staff for Research and Development, Veterans Administration Medical Center, Long Beach, California.
Chronic Obstructive Pulmonary Disease

MARSHALL D. LINDHEIMER, M.D.

Professor of Medicine and Obstetrics and Gynecology, University of Chicago Pritzker School of Medicine, Chicago, Illinois. Staff, University of Chicago Hospitals and Clinics and Chicago Lying-in Hospital.
Hypertensive Disorders of Pregnancy

ROGERIO A. LOBO, M.D.

Associate Professor of Obstetrics and Gynecology, University of Southern California School of Medicine, Los Angeles. Chief, Section of Reproductive Endocrinology and Infertility, University of Southern California Medical Center, Los Angeles.
The Menopause

D. LYNN LORIAUX, M.D., PH.D.

Clinical Director, National Institute of Child Health and Human Development, National Institutes of Health, Bethesda, Maryland.
Cushing's Syndrome

FRANKLIN D. LOWY, M.D.

Associate Professor of Medicine, Albert Einstein College of Medicine, Bronx, New York. Attending Full-Time Physician, Montefiore Medical Center, Bronx.
Rat-Bite Fever

ROBERT J. LUCHI, M.D.

Professor, Department of Medicine, Baylor College of Medicine, Houston, Texas. Chief, Medical Service at Veterans Administration Medical Center; Geriatric Section, Department of Internal Medicine, The Methodist Hospital, Houston.
Pericarditis

JOHN N. LUKENS, M.D.

Professor of Pediatrics, Vanderbilt University School of Medicine, Nashville, Tennessee. Director of Pediatric Hematology-Oncology, Vanderbilt University Hospital, Nashville.
Acute Leukemia in Childhood

SEAN R. LYNCH, M.D.

Professor of Medicine, University of Kansas, Kansas City. Attending Physician, University of Kansas Medical Center, Kansas City.
Iron Deficiency

MAX MAIZELS, M.D.

Associate Professor of Urology, Northwestern University Medical School, Chicago, Illinois. Active Attending Physician; Children's Memorial Hospital, Chicago. Attending Staff, McGraw Medical Center, Chicago.
Bacterial Infections of the Urinary Tract in Girls

PIRZADA A. MAJID, M.B.B.S., PH.D.

Associate Professor of Medicine, Baylor College of Medicine, Houston, Texas. Chief, Section of Cardiology, Ben Taub General Hospital, Houston.
Acute Myocardial Infarction

JOHN P. MANZELLA, M.D.

Assistant Professor Medicine, University of Maryland, Baltimore. Consultant, Veterans Administration Hospital, Baltimore, and York Memorial Hospital, York Hospital and York Rehabilitation Hospital, York, Pennsylvania.
Toxoplasmosis

SANFORD M. MARKHAM, M.D.

Instructor, The Johns Hopkins University School of Medicine and The Johns Hopkins Hospital, Baltimore, Maryland. AFIT Fellow in Reproductive Endocrinology, The Johns Hopkins Hospital, Baltimore.
Endometriosis

MILTON MARKOWITZ, M.D.

Professor of Pediatrics, University of Connecticut Health Center, Hartford.
Rheumatic Fever

JAMES G. MARKS, JR., M.D.

Associate Professor of Medicine (Dermatology), The Pennsylvania State University College of Medicine, Hershey. Staff Dermatologist, The Milton S. Hershey Medical Center, Hershey, Pennsylvania.
Contact Dermatitis

JOHN C. MARSHALL, M.D.

Assistant Professor of Surgery and Lecturer in Microbiology, Dalhousie University, Halifax, Nova Scotia, Canada. Attending Surgeon, Victoria General Hospital, Halifax.
Anaerobic and Necrotizing Infections Including Gas Gangrene

JAY W. MASON, M.D.

Professor of Internal Medicine, Chief, Cardiology Division, University of Utah Medical Center, Salt Lake City.
Tachycardia

JACK W. McANINCH, M.D.

Professor and Vice Chairman, Department of Urology, University of California School of Medicine, San Francisco. Chief of Urology, San Francisco General Hospital, San Francisco.
Trauma to the Genitourinary Tract

PAUL L. MCCARTHY, M.D.

Professor of Pediatrics, Yale University School of Medicine, New Haven, Connecticut. Director, Division of General Pediatrics, Yale-New Haven Medical Center, New Haven.
Fever

CHARLES H. MCCOLLUM, M.D.

Associate Professor of Surgery, Baylor College of Medicine, Houston, Texas. Cardiovascular Staff, Methodist Hospital, Houston.
Acquired Diseases of the Aorta

W. JOSEPH McCUNE, M.D.

Assistant Professor of Medicine, Chief of Rheumatology, Clinics, University of Michigan, Ann Arbor. Staff, University of Michigan Hospitals, Ann Arbor.
Hyperuricemia and Gout

EDWARD J. McGUIRE, M.D.

Professor of Surgery (Urology), and Head, Section of Urology, University of Michigan, Ann Arbor. University of Michigan Hospitals, Ann Arbor.
Urinary Incontinence

ROBIN McKENZIE, M.D.

Assistant Professor, West Virginia University, Morgantown. Assistant Professor, Section of Infectious Diseases, West Virginia University Medical Center, Morgantown.
Psittacosis (Ornithosis)

JONATHAN L. MEAKINS, M.D., D.Sc.

Professor of Surgery and Microbiology, McGill University, Montreal, Quebec, Canada. Senior Surgeon, Royal Victoria Hospital, Montreal.
Anaerobic and Necrotizing Infections Including Gas Gangrene

JESUS E. MEDINA, M.D.

Associate Professor, University of Oklahoma Health Sciences Center, Oklahoma City. Department of Otolaryngology, Head and Neck Surgery, Oklahoma Teaching Hospitals, Oklahoma City.
Hoarseness and Laryngitis

GORDON MEIKLEJOHN, M.D., C.M.

Professor Emeritus of Medicine, University of Colorado School of Medicine, Denver. Attending Physician, University of Colorado Hospital and Denver Veterans Administration Hospital, Denver.
Q Fever

JAY E. MENITOVE, M.D.

Associate Clinical Professor of Medicine, Medical College of Wisconsin, Milwaukee. Medical Director, The Blood Center of Southeastern Wisconsin, Inc., Milwaukee.
Platelet-Mediated Bleeding Disorders

ROBERT M. MENTZER, JR., M.D.

Professor of Surgery and Vice Chairman, Department of Surgery, State University of New York at Buffalo. Head, Department of Surgery, Buffalo General Hospital. Chief, Division of Cardiothoracic Surgery, State University of New York at Buffalo.
Pleural Effusion and Empyema Thoracis

JAMES O. MENZOIAN, M.D.

Associate Professor of Surgery, Boston University School of Medicine, Boston, Massachusetts. Attending Surgeon, The University Hospital, Boston, and Boston City Hospital, Boston.
Thrombophlebitis in Obstetrics and Gynecology

ESTEBAN MEZEY, M.D.

Professor of Medicine, The Johns Hopkins University School of Medicine, Baltimore, Maryland. Active Staff, The Johns Hopkins Hospital, Baltimore.
Cirrhosis

JACOBO E. MINTZER, M.D.

Assistant Professor of Psychiatry, University of Miami Medical School, Florida.
Alzheimer's Disease

DONALD M. MITCHELL, M.D.

Professor, Department of Medicine, College of Medicine, University of Saskatchewan, Saskatoon, Saskatchewan, Canada. Active Staff, Department of Medicine, University Hospital, Saskatoon. Consulting Staff, Department of Medicine, St. Paul's Hospital, Saskatoon, and Saskatoon City Hospital, Saskatoon.
Ankylosing Spondylitis

JOEL L. MOAKE, M.D.

Professor of Medicine, Baylor College of Medicine, Houston, Texas. Associate Director, Biomedical Engineering Laboratory, Rice University, Houston. Staff Physician, Medical Hematology Section, The Methodist Hospital, Houston.
Thrombotic Thrombocytopenic Purpura and the Hemolytic Uremic Syndrome; Disseminated Intravascular Coagulation

HOWARD C. MOFENSON, M.D.

Professor of Clinical Pediatrics, State University of New York at Stony Brook. Professor of Clinical Pharmacy, St. John's University College of Pharmacy, Jamaica, New York. Professor of Pharmacology and Toxicology, New York College of Osteopathy, Old Westbury. Medical Director, Long Island Regional Poison Control Center, Nassau County Medical Center, East Meadow. Staff, Winthrop University Hospital, Mineola.
Acute Poisonings

J. P. MOHR, M.D.

Sciarra Professor of Clinical Neurology, College of Physicians and Surgeons, Columbia University, New York, New York. Attending Neurologist, Presbyterian Hospital of the City of New York, Neurological Institute, New York.
Intracerebral Hemorrhage

DAVID O. MOLINE, D.D.S.

Associate Professor, Department of Hospital Dentistry, University of Iowa College of Medicine, Iowa City. University of Iowa Hospitals and Clinics, Iowa City.
Temporomandibular Disorders

MARK E. MOLITCH, M.D.

Associate Professor of Medicine, Northwestern University Medical School, Chicago, Illinois. Attending Physician, Northwestern Memorial Hospital, Chicago.
Hyperprolactinemia

A. MAJID MOLLA, M.D., Ph.D.

Senior Scientist, International Centre for Diarrhoeal Disease Research, Dhaka, Bangladesh. Professor and Chairman, Department of Paediatrics, The Aga Khan University Hospital, Karachi, Pakistan.
Cholera

EUGENE W. MONROE, M.D.

Assistant Clinical Professor of Medicine (Dermatology), Medical College of Wisconsin, Milwaukee. Staff, Columbia Hospital, Milwaukee.
Urticaria and Angioedema

JOHN Z. MONTGOMERIE, M.B., Ch.B.

Professor of Medicine, University of Southern California School of Medicine, Los Angeles. Chief, Infectious Diseases, Rancho Los Amigos Medical Center, Los Angeles.
Bacterial Infections of the Urinary Tract in Males

JOEL MORGANROTH, M.D.

Professor of Medicine and Pharmacology, Hahnemann University School of Medicine, Philadelphia, Pennsylvania.

Director, Sudden Death Prevention Program, Likoff Cardiovascular Institute of Hahnemann University Hospital, Philadelphia.

Premature Beats

LYNNE H. MORRISON, M.D.

Postdoctoral Fellow in Immunodermatology, Johns Hopkins Medical Institutions, Baltimore, Maryland. Fellow in Dermatology, The Johns Hopkins Hospital, Baltimore.

Bullous Diseases

GEORGE L. MORTON, M.D.

Clinical Assistant Professor, University of Vermont School of Medicine, Maine Medical Center, Portland, Maine. Attending Staff, Maine Medical Center, and Mercy Hospital, Portland.

Osteoarthritis

MARTIN G. MYERS, M.D.

Professor of Pediatrics, University of Cincinnati, Cincinnati, Ohio. Director, Division of Infectious Diseases, Children's Hospital Research Foundation, Cincinnati.

Varicella (Chickenpox)

THOMAS F. MYERS, M.D.

Assistant Professor of Pediatrics, Loyola University Medical Center, Maywood, Illinois. Staff, Foster G. McGaw Hospitals of Loyola University, Maywood.

Neonatal Resuscitation

THOMAS T. MYERS III, M.D.

Associate Professor of Dermatology, University of Minnesota School of Medicine, Duluth.

Pruritus (Itching)

DAVID L. NAHRWOLD, M.D.

Loyal and Edith Davis Professor and Chairman, Department of Surgery, Northwestern University Medical School, Chicago, Illinois. Surgeon-in-Chief, Northwestern Memorial Hospital, Chicago.

Cholecystitis and Cholelithiasis

HAROLD C. NEU, M.D.

Professor of Medicine and Pharmacology, College of Physicians and Surgeons, Columbia University, New York, New York. Chief of Infectious Diseases, Medicine, and Hospital Epidemiologist, Columbia-Presbyterian Medical Center, New York.

Bacterial Pneumonia

VICTOR D. NEWCOMER, M.D.

Clinical Professor of Medicine (Dermatology), University of California-Los Angeles School of Medicine, Los Angeles.

Nevi and Malignant Melanoma

CLAUS NIEDERAU, M.D.

Department of Medicine, Gastroenterology Unit, School of Medicine, University of Dusseldorf, Federal Republic of Germany.

Hemochromatosis

JEFFREY ODEL, M.D.

Assistant Clinical Instructor, Columbia-Presbyterian Medical Center, New York, New York. Staff, Presbyterian Hospital, and The Manhattan Eye, Ear, and Throat Hospital, New York.

Optic Neuritis

GERARD W. OSTHEIMER, M.D.

Associate Professor of Anaesthesia, Harvard University Medical School, Boston, Massachusetts. Director of Obstetric Anesthesia, Brigham and Women's Hospital, Boston.

Obstetric Anesthesia

DARWIN L. PALMER, M.D.

Chief, Division of Infectious Disease, and Professor, University of New Mexico School of Medicine, Albuquerque. Chief, Infectious Disease, Veterans Administration Medical Center, Albuquerque.

Plague

LAWRENCE CHARLES PARISH, M.D.

Clinical Professor of Dermatology, Jefferson Medical College of Thomas Jefferson University, Philadelphia, Pennsylvania. Chief of Dermatology, St. Agnes Medical Center; Frankford Hospital; and Albert Einstein Medical Center, Mt. Sinai Division, Philadelphia.

Parasitic Diseases

T. S. PARK, M.D.

Head, Pediatric Neurosurgery, and Associate Professor of Neurosurgery and Pediatrics, University of Virginia Medical Center, Charlottesville.

Acute Head Injuries in Children

RICHARD F. PEPPARD, M.D., M.B.B.S.

Neurology Fellow, Department of Medicine, Division of Neurology, University of British Columbia Health Sciences Centre Hospital, Vancouver, British Columbia, Canada.

Parkinsonism

JAY I. PETERS, M.D.

Assistant Professor of Medicine, Program Director in Internal Medicine, San Antonio, Texas. Director of the Medical Intensive Care Unit, Medical Center Hospital, Pulmonary Faculty at Audie Murphy Veterans Administration Hospital, San Antonio.

Acute Respiratory Failure

WARREN W. PIETTE, M.D.

Assistant Professor of Dermatology, University of Iowa Hospital and Clinics, Iowa City.

Cutaneous Vasculitis

WILLIAM W. PINSKY, M.D.

Professor of Pediatrics, Director, Division of Pediatric Cardiology, Wayne State University School of Medicine, Detroit, Michigan. Director, Pediatric Cardiology, Children's Hospital of Michigan, Detroit.

Congenital Heart Disease

PETER E. POCHI, M.D.

Professor of Dermatology, Boston University School of Medicine, Boston, Massachusetts. Visiting Dermatologist, University Hospital, Boston. Visiting Physician, Dermatology, Boston City Hospital, Boston.

Acne Vulgaris and Rosacea

D. MARK POTTER, M.D.

Assistant Professor, Department of Medicine, Division of Endocrinology, Milton S. Hershey Medical Center, Penn State University, Hershey, Pennsylvania. Staff, University Hospital, Milton S. Hershey Medical Center, Hershey. Consultant, Veterans Administration Medical Center, Lebanon, Pennsylvania.

Adrenocortical Insufficiency

WILLIAM D. POWLIS, M.D.

Assistant Professor, School of Medicine, University of Pennsylvania, Philadelphia. Staff, Radiation Therapist, Hospital of the University of Pennsylvania, and Presbyterian Hospital, Philadelphia.

Hodgkin's Disease: Radiation Therapy

GLENN M. PREMINGER, M.D.

Assistant Professor Urology/Internal Medicine, Southwestern Medical School, The University of Texas Health Science Center at Dallas.

Renal Calculi

JOHN G. PRICHARD, M.D., M.H.S.

Assistant Professor, Departments of Family Medicine and Internal Medicine, Baylor College of Medicine, Houston, Texas. Associate Chief of Service, Department of Family Medicine, St. Luke's Episcopal Hospital, Houston. Attending Physician, The Jefferson Davis Hospital and Ben Taub General Hospital, Houston.

Tuberculosis and Other Mycobacterial Diseases

JAMES C. PUFFER, M.D.

Associate Professor and Chief, Division of Family Medicine, University of California School of Medicine, Los Angeles.

Common Sports Injuries

TAMARA A. RAKUSAN, M.D., Ph.D.

Assistant Professor of Pediatrics, Co-Director, Pediatric Infectious Disease Division, University of Texas Medical Branch at Galveston. Attending Staff, University of Texas Medical Branch Hospitals, Galveston.

Viral Meningoencephalitis

JAMES W. RALEIGH, M.D.

Professor of Medicine, Emeritus, Baylor College of Medicine, Houston, Texas. Staff Physician, Jefferson Davis Hospital, Chest Clinic, Houston. Consultant, Veterans Administration Medical Center, and Tuberculosis Division, Texas Department of Health, Houston.

Tuberculosis and Other Mycobacterial Diseases

MARVIN RAPAPORT, M.D.

Associate Clinical Professor of Medicine, (Dermatology), University of California School of Medicine, Los Angeles. Staff, University of California-Los Angeles Center for the Health Sciences and Cedars Sinai Medical Center, Los Angeles.

Pigmentary Disorders

BARBARA D. REED, M.D., M.S.P.H.

Assistant Professor, Department of Family and Preventive Medicine, University of Utah School of Medicine, Salt Lake City. Chairman, Institutional Review Board, Holy Cross Hospital, Salt Lake City.

Chlamydia Trachomatis

ROBERT V. REGE, M.D.

Assistant Professor of Surgery, Northwestern University Medical School, Chicago, Illinois. Attending Surgeon, Northwestern Memorial Hospital, Chicago. Director, Surgical Intensive Care Unit, Veterans Administration Lakeside Medical Center, Chicago.

Cholecystitis and Cholelithiasis

JAMES B. REULER, M.D.

Professor of Medicine, Oregon Health Sciences University, Portland. Chief, Section of General Medicine, Veterans Administration Medical Center, Portland.

Scurvy

HERBERT Y. REYNOLDS, M.D.

Professor of Medicine, Head of Pulmonary Section, Yale University School of Medicine, New Haven, Connecticut. Head, Respiratory Disease Section, Yale-New Haven Hospital, New Haven.

Hypersensitivity Pneumonitis

RICHARD J. REYNOLDS, M.D.

Staff Pulmonologist, Naval Hospital, Camp Pendleton, California.

Blastomycosis

JOHN A. ROCK, M.D.

Associate Professor, and Director, Reproductive Endocrinology, The Johns Hopkins University School of Medicine, The Johns Hopkins Hospital, Baltimore, Maryland. Associate Professor, Department of Gynecology and Obstetrics, and Director, Division of Reproductive Endocrinology, The Johns Hopkins Hospital, Baltimore.

Endometriosis

GRIFFIN P. RODGERS, M.D., M.M.S.

Robert Wood Johnson Fellow, Laboratory of Chemical Biology, National Institute of Diabetes, Digestive and Kidney Diseases, National Institutes of Health, Bethesda, Maryland. Lecturer in Medicine, George Washington University Medical School, Washington, D.C.

Nonimmune Hemolytic Anemia

DANIEL ROSENBAUM, M.D.

Cerebrovascular Fellow, Hermann Hospital, Houston, Texas.

Ischemic Cerebrovascular Disease

FINDLAY E. RUSSELL, M.D., Ph.D.

Professor Pharmacology/Toxicology, Health Sciences, University of Arizona, Tucson. Adjunct Professor of Neurology, University of Southern California, and Los Angeles County/University of Southern California, Los Angeles. Adjunct Professor of Neurosciences, Loma Linda University and Medical Center, Loma Linda, California.

Snake Venom Poisoning

R. L. SACCO, M.D.

Assistant in Clinical Neurology, Columbia University College of Physicians and Surgeons, New York, New York. Assistant Neurologist, Presbyterian Hospital of the City of New York, Neurological Institute, New York.

Intracerebral Hemorrhage

RONALD A. SACHER, M.D.

Associate Professor of Medicine and Pathology, Georgetown University School of Medicine, Washington, D.C. Director, Transfusion Medicine and Hemapheresis Unit; Associate Director, Laboratory Medicine; and Hematologist, Georgetown University Medical Center, Washington, D.C.

Pernicious Anemia and Other Megaloblastic Anemias