

1978

1978

1978

1978

1978

1978

1978

1978

CURRENT THERAPY

1978

1978

1978

1978

1978

1978

1978

1978

1978

CURRENT THERAPY

LATEST APPROVED METHODS OF TREATMENT
FOR THE PRACTICING PHYSICIAN

EDITED BY HOWARD F. CONN, M.D.

1978

1978

1978

W. B. Saunders Company: West Washington Square
Philadelphia, PA 19105
1 St. Anne's Road
Eastbourne, East Sussex BN21 3UN, England
1 Goldthorne Avenue
Toronto, Ontario M8Z 5T9, Canada

Current Therapy.

ISBN 0-7216-2663-7

© 1978 by W. B. Saunders Company. Copyright under the International Copyright Union. 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. Press of W. B. Saunders Company. Library of Congress catalog card number 49-8328.

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

Consulting Editors

THE ENDOCRINE SYSTEM

FREDERIC C. BARTTER, M.D.

Clinical Professor of Medicine, Georgetown University Medical School. Chief, Hypertension-Endocrine Branch, Clinical Center, National Institutes of Health, Bethesda, Maryland.

OBSTETRICS AND GYNECOLOGY

WALTER A. BONNEY, M.D.

Clinical Professor, Obstetrics and Gynecology, West Virginia University School of Medicine, Morgantown, West Virginia.

THE CARDIOVASCULAR SYSTEM

GEORGE E. BURCH, M.D., F.A.C.P.

Emeritus Professor of Medicine, Tulane University School of Medicine, New Orleans, Louisiana.

THE RESPIRATORY SYSTEM

BENJAMIN BURROWS, M.D.

Professor of Internal Medicine, University of Arizona College of Medicine. Staff, Arizona Health Sciences Center; Consultant, Veterans Administration Hospital, Tucson, Arizona.

METABOLIC DISORDERS

JAMES B. FIELD, M.D.

Professor of Medicine, University of Pittsburgh School of Medicine. Director, Clinical Research Unit, Presbyterian-University Hospital, University of Pittsburgh School of Medicine, Pittsburgh, Pennsylvania.

THE UROGENITAL TRACT

WILLARD E. GOODWIN, M.D., F.A.C.S., F.A.A.P.

Professor of Surgery/Urology (Pediatric Urology), University of California School of Medicine, Los Angeles. Staff Urologist, University of California Medical Center, Los Angeles; Senior Consultant in Urology, Wadsworth Veterans Administration Hospital, Los Angeles; Consultant in Urology, Los Angeles County Harbor General Hospital, Torrance; Consultant, St. Francis Hospital, Lynwood; Consulting Staff, Hollywood Presbyterian Hospital, Los Angeles; Honorary Consulting Staff, Santa Monica Hospital, Santa Monica; Courtesy Staff, St. John's Hospital, Santa Monica, and Hospital of the Good Samaritan, Los Angeles; Consulting Staff, The Cedars of Lebanon Hospital and Mount Sinai Hospital, Los Angeles, California.

PSYCHIATRY

LAWRENCE C. KOLB, M.D.

Emeritus Professor of Psychiatry, College of Physicians and Surgeons, Columbia University. Consultant in Psy-

chiatry and Honorary Member, Medical Board, The Presbyterian Hospital in the City of New York, New York.

DISEASES OF THE SKIN AND THE VENEREAL DISEASES

CLARENCE S. LIVINGOOD, M.D.

Chairman Emeritus, Department of Dermatology, Henry Ford Hospital. Clinical Professor of Dermatology, University of Michigan Medical School. Staff Physician, Department of Dermatology, Henry Ford Hospital, Detroit, Michigan.

THE LOCOMOTOR SYSTEM

DANIEL J. McCARTY, M.D.

Professor of Medicine, The Medical College of Wisconsin. Senior Attending Physician and Director of Medical Service, Milwaukee County General Hospital, Milwaukee, Wisconsin.

THE NERVOUS SYSTEM

FRED PLUM, M.D.

Anne Parrish Titzell Professor and Chairman, Department of Neurology, Cornell University Medical College, New York, New York.

THE INFECTIOUS DISEASES

CHARLES H. RAMMELKAMP, M.D., D.Sc.

Professor of Medicine and Professor of Preventive Medicine, Case Western Reserve University Medical School. Director of Medicine, Cleveland Metropolitan General Hospital, Cleveland, Ohio.

THE DIGESTIVE SYSTEM

JAMES L. A. ROTH, M.D., Ph.D., D.Sc. (Hon.), F.A.C.P.

Professor of Clinical Medicine, School of Medicine, University of Pennsylvania. Director, Institute of Gastroenterology, and Chief, Gastroenterology Service, Presbyterian-University of Pennsylvania Medical Center; Consulting Gastroenterologist, U. S. Naval Medical Center, Bethesda, Maryland, and U. S. Naval Hospital, Lankenau Hospital, and Roxborough Memorial Hospital, Philadelphia, Pennsylvania.

THE BLOOD AND SPLEEN

R. WAYNE RUNDLES, Ph.D., M.D.

Professor of Medicine, Duke University Medical School. Hematology-Oncology Staff, Member of Comprehensive Cancer Center, Durham, North Carolina.

DISEASES OF ALLERGY

THOMAS E. VAN METRE, JR., M.D.

Associate Professor of Medicine, The Johns Hopkins University School of Medicine. Physician-in-Charge, Allergy Clinic, The Johns Hopkins Hospital, Baltimore, Maryland.

NOTICE

Extraordinary efforts have been made by the authors, the editors, and the publisher of this book to insure that dosage recommendations are precise and in agreement with standards officially accepted at the time of publication.

It does happen, however, that dosage schedules are changed from time to time in the light of accumulating clinical experience and continuing laboratory studies. This is most likely to occur in the case of recently introduced products.

It is urged, therefore, that you check the manufacturer's recommendations for dosage, *especially if the drug to be administered or prescribed is one that you use only infrequently or have not used for some time.*

THE PUBLISHERS

Preface

This edition of *Current Therapy* is the thirtieth of an annual series devoted to bringing concise information on current therapeutic methods to the practicing physician.

The authors have been carefully selected not only for their active interest in the specific diseases discussed but also as recognized authorities in the medical world. They have explained their present methods in brief, to-the-point discussions but in sufficient detail for proper management of the illness. All material has been reviewed before publication to assure the inclusion of the latest therapy.

The term "method of" refers to the regimen in use by the author-clinician; it does not imply that the named author was the originator. Present-day treatment is by and large a summation of the work of many clinicians over the years.

This is a new edition rather than a revision of the old. Two hundred and sixty-three or 92

per cent of the articles are by authors new to this edition. Certain deletions and additions of topics have been made in keeping with the changes in the importance of certain diseases and the worldwide distribution of the book.

To the readers, who by their enthusiastic acceptance of the past editions of *Current Therapy* have made this one possible, and to the contributors, who were able to find time in their busy schedules to prepare their articles, the Editor expresses his sincere thanks.

The Editor also wishes to express his appreciation to Mr. C. F. Robinson and Mrs. Franklin Cole for their valuable assistance in the preparation of the book, and to the staff of the W. B. Saunders Company for their thoughtful help and guidance.

HOWARD F. CONN, M.D., F.A.C.P.
Uniontown, Pennsylvania

Contributors

WHITNEY W. ADDINGTON, M.D.

Associate Professor of Medicine, Northwestern University Medical School. Chairman, Division of Pulmonary Medicine, Cook County Hospital; Consultant, Children's Memorial Hospital, Chicago, Illinois.

Tuberculosis and Other Mycobacterial Diseases

DAVID H. ALPERS, M.D.

Professor of Medicine and Chief, Division of Gastroenterology, Washington University School of Medicine. Physician, Barnes Hospital, St. Louis, Missouri.

The Malabsorption Syndrome

I. G. ANCES, M.D.

Professor, University of Maryland School of Medicine. University of Maryland Hospital and Mercy Hospital, Baltimore, Maryland.

Amenorrhea

NANCY C. ANDREASEN, M.D., PH.D.

Associate Professor, Psychiatry, University of Iowa College of Medicine, Iowa City, Iowa.

Affective Disorders

JAY M. ARENA, M.D.

Professor of Pediatrics and Director, Duke Poison Control Center, Duke University Medical Center, Durham, North Carolina.

Acute Miscellaneous Poisoning

JOHN A. ARKINS, M.D.

Professor of Medicine, Medical College of Wisconsin. Allergy-Immunology Section, Milwaukee County Medical Complex, Milwaukee, and Veterans Administration Hospital, Wood, Wisconsin.

Asthma in Adults

DONALD ARMSTRONG, M.D.

Professor of Medicine, Cornell University Medical College. Chief, Infectious Disease Service, Department of Medicine, and Director, Microbiology Laboratory, Memorial Sloan-Kettering Cancer Center, New York, New York.

Bacteremia

LOUIS V. AVIOLI, M.D.

Professor of Medicine and Director, Division of Bone and Mineral Metabolism, Washington University School of Medicine. Jewish Hospital of St. Louis, Barnes Hospital, Children's Hospital, and Shriners Hospital for Crippled Children, St. Louis, Missouri.

Osteoporosis

WILLIAM C. BAILEY, M.D.

Associate Professor of Medicine, University of Alabama in Birmingham School of Medicine. Chief, Pulmonary Disease Section, Veterans Administration Hospital, Birmingham, Alabama.

Silicosis

LYNN H. BANOWSKY, M.D.

Professor of Surgery/Urology and Chief, Renal Transplantation, University of Texas Health Science Center at San Antonio. Bexar County Hospital and Audie Murphy Veterans Administration Hospital, San Antonio, Texas.

Bacterial Infections of the Urinary Tract (Male)

HUGH R. K. BARBER, M.D.

Clinical Professor of Obstetrics and Gynecology, Cornell Medical College. Director, Department of Obstetrics and Gynecology, Lenox Hill Hospital; Attending Surgeon, Gynecology Service, Memorial Hospital; Attending Obstetrician-Gynecologist, New York Hospital, New York, New York.

Cancer of the Uterus

JAMES W. BARD, M.D.

Clinical Associate Professor of Medicine, University of Kentucky Medical Center. Chief, Section of Dermatology, Lexington Clinic, Lexington, Kentucky.

Seborrheic Dermatitis

ROBERT W. BARNES, M.D.

David M. Hume Professor of Surgery, Medical College of Virginia. Attending Surgeon, Medical College of Virginia Hospitals and McGuire Veterans Administration Hospital, Richmond, Virginia.

Degenerative Arterial Disease

JAMES A. BATTS, JR., M.D.

Professor, Obstetrics and Gynecology, Columbia University College of Physicians and Surgeons. Director, Department of Obstetrics and Gynecology, Harlem Hospital Center, New York, New York.

Abortion

SAMUEL Z. BAVLI, M.D.

Research Fellow in Medicine, Harvard Medical School. Fellow in Endocrinology, Peter Bent Brigham Hospital, Boston, Massachusetts.

Hyperthyroidism

WILLIAM B. BEAN, M.D.

Kempner Professor and Director of the Institute for the Medical Humanities and Professor of Medicine, University of Texas Medical Branch; Sir William Osler Professor of Medicine, University of Iowa College of Medicine. Attending, University of Texas Medical Branch Hospitals, Galveston, Texas, and University Hospitals, Iowa City, Iowa.

Pellagra

LEWIS C. BECKER, M.D.

Associate Professor of Medicine, Johns Hopkins University School of Medicine. Director, Coronary Care Unit, Johns Hopkins Hospital, Baltimore, Maryland.

Acute Myocardial Infarction

RICHARD S. BERGER, M.D.

Clinical Associate Professor of Medicine, Rutgers Medical School. Raritan Valley Hospital, Greenbrook, New Jersey.

Spider Bites and Scorpion Stings

WILMA F. BERGFELD, M.D.

Head of Section of Dermatopathology, Departments of Dermatology and Pathology, Cleveland Clinic. Staff Dermatologist, Cleveland Clinic, Cleveland, Ohio.

Cancer of the Skin

IRWIN D. BERNSTEIN, M.D.

Associate Professor in Pediatrics, University of Washington School of Medicine. Attending Physician, Children's Orthopedic Hospital and Medical Center; Associate

Member, Fred Hutchinson Cancer Research Center, Seattle, Washington.

Acute Childhood Leukemia

RICHARD O. BICKS, M.D.

Associate Clinical Professor of Medicine, University of Tennessee Center for Health Sciences. Director, Division of Gastroenterology and of Gastrointestinal Training, Baptist Memorial Hospital; Consultant, City of Memphis Hospitals, Memphis, Tennessee.

Nonspecific Ulcerative Colitis

J. THOMAS BIGGER, JR., M.D.

Professor of Medicine and Pharmacology, College of Physicians and Surgeons, Columbia University. Attending Physician, The Presbyterian Hospital, New York, New York.

Premature Beats

W. ARCHIE BLEYER, M.D.

Assistant Professor of Pediatrics and Adjunct Assistant Professor of Medicine, University of Washington School of Medicine. Staff Physician in Hematology/Oncology, Children's Orthopedic Hospital and Medical Center; Assistant Member, Fred Hutchinson Cancer Research Center, Seattle, Washington.

Acute Childhood Leukemia

GIANNI BONADONNA, M.D.

Director, Division of Medical Oncology, Istituto Nazionale Tumori, Milan, Italy.

Hodgkin's Disease: Chemotherapy

JAMES R. BONNER, M.D.

Assistant Professor, Department of Medicine, University of South Alabama Medical School, Mobile, Alabama.

Bacterial Pneumonia

SYLVIA S. BOTTOMLEY, M.D.

Professor of Medicine, University of Oklahoma College of Medicine. Staff Physician, Veterans Administration Hospital, University Hospital, Oklahoma Children's Memorial Hospital, and Presbyterian Hospital, Oklahoma City, Oklahoma.

Anemia Due to Iron Deficiency

WILLIAM T. BOWLES, M.D.

Associate Professor of Urology, Washington University School of Medicine. Associate Surgeon, Barnes Hospital and Affiliated Hospitals and St. Louis Children's Hospital, St. Louis, Missouri, and St. Clement Hospital, Red Bud, Illinois.

Bacterial Infections of the Urinary Tract (Female)

RICHARD J. BOXER, M.D.

Instructor in Urology, University of California, Los Angeles, California

Genitourinary Tuberculosis

JAMES L. BREEN, M.D.

Clinical Professor of Obstetrics and Gynecology, Jefferson Medical College. Director, Department of Obstetrics and Gynecology, St. Barnabas Medical Center, Livingston, New Jersey.

Vulvovaginitis

ROBERT W. BRENNAN, M.D.

Professor of Medicine and Chief, Neurology Division, The Milton S. Hershey Medical Center of The Pennsylvania State University, Hershey, Pennsylvania.

Rehabilitation of the Patient with Hemiplegia

HAROLD BROWN, M.D.

Professor of Medicine, Baylor College of Medicine. Senior Attending, Ben Taub General Hospital and The Methodist Hospital; Consultant, Veterans Administration Hospital, Houston, Texas.

Malignant Carcinoid Syndrome

SUNTHORN BUNYAVIROCH, M.D.

Assistant Clinical Professor of Obstetrics and Gynecology, Columbia University College of Physicians and Surgeons. Assistant Attending and Chief of Abortion Service, Harlem Hospital Center, New York, New York.

Abortion

IRVING BUTERMAN, M.D.

Fellow in Gynecologic Oncology, sponsored by the New York City Division of the American Cancer Society, Lenox Hill Hospital, New York, New York.

Cancer of the Uterus

HUGO A. CABRERA, Ph.D.

Hospital Epidemiologist and Director of Microbiology, Mount Carmel Medical Center, Columbus, Ohio.

Gas Gangrene and Similar Anaerobic Soft Tissue Infections

DONALD B. CALNE, M.D.

National Institutes of Health, Bethesda, Maryland.

Parkinson's Disease

GUY D. CAMPBELL, M.D.

Professor of Medicine, University of Mississippi School of Medicine. Chief, Pulmonary Disease Service, Veterans Administration Hospital; Attending Physician, University Hospital, Jackson, Mississippi.

North American Blastomycosis

THOMAS J. CARLOW, M.D.

Assistant Professor of Neurology (Neuro-Ophthalmology), University of New Mexico School of Medicine. Chief, Neuro-Ophthalmology Section, Veterans Administration Hospital, Albuquerque, New Mexico.

Episodic Vertigo

WILLIAM A. CARO, M.D.

Associate Professor of Clinical Dermatology, Northwestern University Medical School. Attending Dermatologist, Northwestern Memorial Hospital, Chicago, Illinois.

Lichen Planus

THOMAS E. CARSON, M.D., F.A.C.P.

Assistant Clinical Professor, Louisiana State University. Captain, Medical Corps, U.S. Navy. Chief of Dermatology, Naval Regional Medical Center, New Orleans, Louisiana.

Chancroid

HUGO F. CARVAJAL, M.D.

Associate Professor of Pediatrics, University of Texas Medical Branch. Chief of Pediatrics, Shriners Burns Institute, Galveston, Texas.

Burns

FRED F. CASTROW II, M.D.

Clinical Associate Professor of Dermatology, University of Texas Medical School at Houston. Academic Chief of Dermatology, Department of Family Practice, Memorial Hospital System, Houston, Texas.

Hidradenitis Suppurativa

THOMAS A. CHAPEL, M.D.

Associate Professor of Dermatology, Wayne State University. Attending Staff, Detroit General, Harper-Grace, Hutzel, and Detroit Memorial Hospitals, Detroit, and Veterans Administration Hospital, Allen Park, Michigan.

Granuloma Inguinale; Lymphogranuloma Venereum

RONALD L. CHARD, JR., M.D.

Clinical Professor of Pediatrics, University of Washington School of Medicine. Associate Director, Hematology-Oncology Division, Children's Orthopedic Hospital and Medical Center; Clinical Associate Member, Fred Hutchinson Cancer Research Center, Seattle, Washington.

Acute Childhood Leukemia

NEIL S. CHERNIACK, M.D.

Professor of Internal Medicine and Director, Pulmonary Division, Case Western Reserve University School of Medicine. Attending Physician, Wade Park Veterans Administration Hospital and University Hospitals, Lakeside Division, Cleveland, Ohio.

Chronic Bronchitis and Emphysema

P. N. CHUTTANI, M.D., F.A.M.S.

Professor of Internal Medicine, Postgraduate Institute of Medical Education and Research, Chandigarh. Consulting Physician, Nehru Hospital, Postgraduate Institute of Medical Education and Research, Chandigarh, India.

Amebiasis

TADEUSZ P. CHORZELSKI, M.D.

Professor of Dermatology, Department of Dermatology, Warsaw School of Medicine, Warsaw, Poland.

Pemphigus and Bullous Pemphigoid

HARRIS R. CLEARFIELD, M.D.

Professor of Medicine, Hahnemann Medical College.
Director, Division of Gastroenterology, Hahnemann
Hospital, Philadelphia, Pennsylvania.

Gaseousness

WILLIAM E. CLENDENNING, M.D.

Professor of Clinical Medicine (Dermatology), Dartmouth
Medical School. Attending Dermatologist, Dartmouth-
Hitchcock Medical Center, Hanover, New Hampshire.

Mycosis Fungoides

THEODORE COHEN, M.D.

Chief Resident, Obstetrics and Gynecology, St. Barnabas
Medical Center, Livingston, New Jersey.

Vulvovaginitis

GEORGE F. COLLINS, M.B., Ch.B., F.R.C.P.(C.)

Associate Professor, Department of Pediatrics, McGill
University. Assistant Director, Department of Cardiology,
The Montreal Children's Hospital, Montreal, Quebec,
Canada.

Congenital Heart Disease

JOHN J. COLLINS, JR., M.D.

Professor of Surgery, Harvard Medical School. Chief,
Division of Thoracic and Cardiac Surgery, Peter Bent
Brigham Hospital, Boston, Massachusetts.

Acquired Diseases of the Aorta

MIGUEL COLÓN-MORALES, M.D.

Associate Professor, Clinical Anesthesiology, School of
Medicine, University of Puerto Rico. Director, Depart-
ment of Anesthesiology, Teachers Hospital, San Juan,
Puerto Rico.

Obstetric Analgesia and Anesthesia

REX B. CONN, M.D.

Professor of Pathology and Laboratory Medicine, Emory
University School of Medicine. Director of Clinical Lab-
oratories, Emory University Hospital, Atlanta, Georgia.

Laboratory Reference Values of Clinical Importance

MARCEL E. CONRAD, M.D.

Professor of Medicine and Director, Division of Hematol-
ogy and Oncology, University of Alabama in Birmingham.
Hematologist and Oncologist, University of Alabama
in Birmingham and Veterans Administration Hospital,
Birmingham, Alabama.

Hemochromatosis and Hemosiderosis

ALLAN R. COOKE, M.D.

Professor of Medicine, Kansas University Medical Center.
Director, Division of Gastroenterology, and Attending
Physician, Kansas University Medical Center, Kansas City,

Kansas, and Veterans Administration Hospital, Kansas
City, Missouri.

Peptic Ulcer

BERNARD A. COOPER, M.D.

Professor of Medicine and Physiology, McGill University.
Director, Haematology Division, Royal Victoria Hospital,
Montreal, Quebec, Canada.

Pernicious Anemia and Other Forms of Vitamin B₁₂ Deficiency

ROBERT J. CORLISS, M.D.

Associate Clinical Professor of Pediatrics, University of
Wisconsin Medical School; Co-Director, Biodynamics
Laboratory, University of Wisconsin. Chief of Cardiology,
Madison General Hospital, Madison, Wisconsin.

Care and Rehabilitation After Myocardial Infarction

RAYMOND L. CORNELISON, JR., M.D.

Clinical Instructor, Department of Dermatology, Univer-
sity of Oklahoma School of Medicine. Attending Derma-
tologist, University Hospital, Oklahoma City, and Midwest
City Memorial Hospital, Midwest City, Oklahoma.

Pityriasis Rosea

MALCOLM COX, M.D.

Assistant Professor of Medicine, University of Pennsyl-
vania School of Medicine. Attending Physician, Phila-
delphia Veterans Administration Hospital and Hospital
of the University of Pennsylvania, Philadelphia, Penn-
sylvania.

Diabetes Insipidus

TAKEY CRIST, M.D., F.A.C.O.G., F.A.C.S.

Clinical Assistant Professor, University of North Carolina.
Obstetrics-Gynecology Department, Onslow Memorial
Hospital, Jacksonville, North Carolina.

Postpartum Care

JANET CUTTNER, M.D.

Associate Professor of Medicine and Neoplastic Diseases,
Mount Sinai School of Medicine, New York, New York.

Acute Leukemia in Adults

ANGELO E. DAGRADI, M.D.

Professor of Medicine, University of California, Irvine,
School of Medicine. Chief, Gastroenterology Section,
Veterans Administration Hospital, Long Beach, Cali-
fornia.

Gastritis

DAVID C. DALE, M.D.

Associate Professor of Medicine, University of Washing-
ton School of Medicine. Attending Physician, University
of Washington Hospital, Seattle, Washington.

Neutropenia

MABELLE DORA D'AMODIO, M.D.

Assistant Professor of Pediatrics, New York Medical College. Attending Physician, Metropolitan Hospital, New York, New York.

Normal Infant Feeding

GILBERT H. DANIELS, M.D.

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

Simple (Nontoxic) Goiter

STUART H. DANOVITCH, M.D.

Associate Clinical Professor of Medicine, George Washington School of Medicine. Attending Gastroenterologist, Veterans Administration Hospital and Washington Hospital Center; Consulting Gastroenterologist, National Children's Medical Center, Washington, D.C.

Acute Pancreatitis

CHARLES H. DART, JR., M.D.

Assistant Clinical Professor, Thoracic Surgery, UCLA Medical School. Chief of Cardiac Surgery, Community Memorial Hospital, Ventura; Chief of Surgery, Saint John's Hospital, Oxnard; Consultant, Wadsworth Veterans Administration Hospital, Los Angeles, California.

Cardiac Arrest

NAND S. DATTA, M.D., M.S., M.Ch., F.A.C.S.

Associate Professor of Surgery/Urology, Charles R. Drew Postgraduate Medical School. Acting Chief, Division of Urology, Department of Surgery, Martin Luther King Jr. General Hospital, Los Angeles, California.

Trauma of the Genitourinary System

JEAN DAVIGNON, M.D., M.Sc., F.R.C.P.(C.), F.A.C.P.

Professor of Medicine, University of Montreal Faculty of Medicine. Director, Department of Lipid Metabolism and Atherosclerosis Research, Clinical Research Institute of Montreal. Head, Section of Vascular Medicine, Hôtel-Dieu Hospital, Montreal, Quebec, Canada.

The Hyperlipoproteinemias

THOMAS R. DEETZ, M.D.

Instructor of Medicine, Program in Infectious Diseases and Microbiology, The University of Texas Medical School at Houston, Texas.

Rat-Bite Fever

MORGAN D. DELANEY, M.D.

Assistant Professor of Pulmonary Medicine, University of Miami School of Medicine, Miami, Florida.

Acute Respiratory Failure

NICHOLAS D. D'ESOPO, M.D.

Associate Clinical Professor, Yale University School of Medicine. Chief, Pulmonary Disease Section, Veterans Administration Hospital, West Haven, Connecticut.

Primary Lung Abscess

FRANK A. DISNEY, M.D.

Clinical Associate Professor of Pediatrics, University of Rochester School of Medicine. Senior Associate Pediatrician, Strong Memorial Hospital; Chief of Pediatrics Emeritus, Highland Hospital; Consultant Pediatrician, Genesee and Rochester General Hospitals, Rochester, New York.

Streptococcal Pharyngitis

NOBLE DOSS, JR., M.D.

Chief Resident in Obstetrics and Gynecology, Parkland Memorial Hospital, Dallas, Texas.

Toxemia of Pregnancy

GEORGE W. DRACH, M.D.

Professor of Surgery/Urology, University of Arizona. Chief of Urology, Arizona Health Sciences Center, Tucson, Arizona.

Prostatitis

H. BRUCE DULL, M.D., S.M.

Assistant Director for Program, Center for Disease Control. Clinical Associate Professor of Preventive Medicine and Community Health, Department of Preventive Medicine and Community Health, Emory University School of Medicine, Atlanta, Georgia.

Active Immunization for Infectious Diseases

W. CHRISTOPHER DUNCAN, M.D.

Associate Professor, Department of Dermatology, Baylor College of Medicine. Active Staff, The Methodist Hospital and Ben Taub General Hospital; Consultant Staff, Veterans Administration Hospital; Courtesy Staff, St. Luke's Episcopal Hospital, Texas Children's Hospital, Hermann Hospital, and Center Pavilion Hospital, Houston, Texas.

Diseases of the Nails

HENRY G. DUNN, M.B., F.R.C.P. (LOND.), F.R.C.P.(C.)

Professor and Head, Division of Neurology, Department of Paediatrics, University of British Columbia. Senior Active Staff and Head, Division of Paediatric Neurology, Vancouver General Hospital; Active Staff, Children's Hospital, Vancouver, British Columbia, Canada.

Epilepsy in Children

HERBERT L. DUPONT, M.D.

Professor and Director, Program in Infectious Diseases and Clinical Microbiology, The University of Texas Medical School at Houston. Infectious Disease Consultant to M. D. Anderson Hospital and Tumor Institute and St. Joseph Hospital, Houston, Texas.

Foodborne Illness

BRIAN G. M. DURIE, M.D.

Tucson, Arizona.
Multiple Myeloma

RICHARD M. EHRLICH, M.D.

Associate Professor of Surgery and Urology and Co-Chief, Renal Transplantation Service, UCLA School of Medicine. Co-Chief, Urology Division, Wadsworth Veterans Administration Hospital, Los Angeles, California.
Genitourinary Tuberculosis

HANS E. EINSTEIN, M.D.

Clinical Professor of Medicine, University of Southern California School of Medicine. Attending Physician, Memorial, Mercy, and San Joaquin Hospitals, Bakersfield, California.
Coccidioidomycosis

ARTHUR B. EISENBREY, M.D.

Chief of Neurosurgical Service, Children's Hospital of Michigan. Assistant Professor, Wayne State University School of Medicine, Detroit, Michigan.
Head Injuries in Children

JOHN W. ENSINCK, M.D.

Professor of Medicine, University of Washington School of Medicine. University of Washington Affiliated Hospitals, Seattle, Washington.
Reactive Hypoglycemia

WILLIAM L. EPSTEIN, M.D.

Professor, University of California, San Francisco, California.
Poison Ivy Dermatitis

RICHARD EVANS III, M.D., COL MC

Chief, Allergy-Clinical Immunology Service, and Chief, Clinical Investigation Service, Walter Reed Army Medical Center, Washington, D.C.
Allergic Reactions to Insect Stings

ANDREAS FANCONI, M.D.

Professor of Pediatrics, University of Zurich. Head of Pediatric Division, Cantonal Hospital, Winterthur, Switzerland.
Rickets and Osteomalacia

GUIDO FANCONI, M.D.

Honorary Professor of Pediatrics, University of Zurich, Switzerland.
Rickets and Osteomalacia

STEPHEN FLECK, M.D.

Professor of Psychiatry and Public Health, Yale University School of Medicine. Psychiatrist-in-Chief, Yale Psychiatric Institute; Psychiatrist-in-Chief, Connecticut Mental Health Center, New Haven, Connecticut.
Schizophrenia

ROBERT P. FOSNAUGH, M.D.

Adjunct Professor, Department of Dermatology, Wayne State University School of Medicine, Detroit, Michigan.
Herpes Gestationis; Papular Dermatitis of Pregnancy

FRANCIS F. FOUNTAIN, JR., M.D.

Clinical Associate Professor of Medicine, University of Tennessee Center for Health Sciences. Active Staff and Director of Pulmonary Function Laboratory, Methodist Hospital; Staff Physician, University of Tennessee Hospital, Memphis, Tennessee.
Histoplasmosis

IRVING H. FOX, M.D.

Assistant Professor of Biological Chemistry and Associate Professor of Internal Medicine, University of Michigan. Associate Director of the Clinical Research Unit and Attending Rheumatologist, University of Michigan Medical Center, Ann Arbor, Michigan.
Gout

RICHARD A. R. FRASER, M.D.

Associate Professor of Neurosurgery, Cornell University Medical College—New York Hospital. Attending Neurosurgeon, Cornell University Medical College, Memorial Sloan-Kettering Cancer Center, and Hospital for Special Surgery, New York, New York.
Brain Abscess

ROBERT P. FRIEDMAN, M.D.

Associate, Department of Medicine (Dermatology), University of Arizona College of Medicine. Teaching Staff, Tucson Medical Center; Staff, St. Mary's Hospital, St. Joseph's Hospital, and Kino Hospital, Tucson, Arizona.
Pediculosis

EDUARD G. FRIEDRICH, JR., M.D.

Associate Professor of Gynecology and Obstetrics, Medical College of Wisconsin. Director, Outpatient Facilities and Undergraduate Education, Department of Gynecology and Obstetrics, Milwaukee County Medical Complex, Milwaukee, Wisconsin.
Pelvic Inflammatory Disease

WESLEY FURSTE, M.D., F.A.C.S.

Clinical Professor of Surgery, Ohio State University, Columbus, Ohio.
Gas Gangrene and Similar Anaerobic Soft Tissue Infections

WILLIAM H. GAASCH, M.D.

Associate Professor of Medicine, Tufts University School of Medicine. Director, Cardiac Non-Invasive Laboratory, New England Medical Center Hospital, Boston, Massachusetts.
Pericarditis

JOHN T. GALAMBOS, M.D.

Professor of Medicine, Emory University School of Medicine, Atlanta, Georgia.
Cirrhosis

WESLEY K. GALEN, M.D.

Assistant Professor of Dermatology, Tulane University School of Medicine. Tulane Medical Center Hospital and Charity Hospital of New Orleans, Louisiana.

Neurodermatitis

WILSON V. GARRETT, M.D.

Fellow, Peripheral Vascular Surgery, University of Iowa Hospitals and Clinics, Iowa City, Iowa.

Degenerative Arterial Disease

ROBERT GELBER, M.D.

Assistant Clinical Professor of Medicine, University of California, San Francisco, School of Medicine. Chief, Infectious Disease Service, and Chief, Leprosy Pharmacology, United States Public Health Service Hospital, San Francisco, California.

Leprosy

RALPH A. GIANNELLA, M.D.

Associate Professor of Medicine, University of Kentucky School of Medicine. Chief, Gastroenterology Service, Veterans Administration Hospital; Attending Physician, Albert Chandler Medical Center and Veterans Administration Hospital, Lexington, Kentucky.

Acute Viral and Bacterial Dysenteries

JAMES E. GIBBONS, M.D., C.M., F.A.A.P., F.A.C.C.

Associate Professor, Department of Pediatrics, McGill University. Director, Department of Cardiology, The Montreal Children's Hospital, Montreal, Quebec, Canada.

Congenital Heart Disease

ROBERT J. GINSBERG, M.D., F.R.C.S.(C.)

Assistant Professor, Department of Surgery, University of Toronto. Head, Division of Thoracic Surgery, Toronto Western Hospital; Consultant Thoracic Surgeon, Princess Margaret Hospital, Toronto, Ontario, Canada.

Primary Lung Cancer

GERALD A. GLOWACKI, M.D.

Assistant Professor, Department of Obstetrics and Gynecology, Johns Hopkins University. Director, Department of Obstetrics and Gynecology, Franklin Square Hospital, Baltimore, Maryland.

Hemorrhage in Late Pregnancy

ALLAN GOLDBLATT, M.D.

Associate Professor of Pediatrics at the Massachusetts General Hospital, Harvard Medical School. Chief, Pediatric Cardiology, Pediatrician, Assistant Physician, and Assistant in Medicine, Massachusetts General Hospital, Boston, Massachusetts.

Rheumatic Fever

ALVIN F. GOLDFARB, M.D.

Clinical Professor of Obstetrics and Gynecology, University of Pennsylvania School of Medicine. Attending

Obstetrician and Gynecologist, The Pennsylvania Hospital, Philadelphia, Pennsylvania.

Primary Dysmenorrhea

MARTIN G. GOLDNER, M.D., F.A.C.P.

Emeritus Professor of Medicine, State University of New York Medical Center at New York. Emeritus Director, Department of Medicine, Jewish Hospital and Medical Center, Brooklyn, New York.

Diabetes Mellitus in the Adult

LOREN E. GOLITZ, M.D.

Assistant Professor of Dermatology and Pathology, University of Colorado Medical School. Chief of Dermatology, Denver General Hospital, Denver, Colorado.

Lupus Erythematosus

JOSEPH H. GOODMAN, M.D.

Assistant Professor of Surgery, The Ohio State University. Attending Neurosurgeon, The Ohio State University Hospital; Provisional, Children's Hospital, Columbus, Ohio.

Acute Head Injuries

HARRY GRABSTALD, M.D.

Associate Professor of Urology, Cornell University Medical College. Attending Surgeon, Memorial Hospital, New York, New York.

Tumors of the Genitourinary Tract

LAMAN A. GRAY, SR., M.D.

Clinical Professor of Obstetrics and Gynecology, University of Louisville School of Medicine and University of Kentucky College of Medicine. Active Staff, Norton Hospital, Louisville, Kentucky.

Endometriosis

WILLIAM B. GREENOUGH III, M.D., F.A.C.P.

Scientific Director for Biomedical Sciences, Cholera Research Laboratory, Dacca, Bangladesh.

Cholera

ALFRED J. GRINDON, M.D.

Associate Professor of Pathology, Emory University School of Medicine. Director, Atlanta Regional Red Cross Blood Program; Pathologist, Grady Memorial Hospital, Atlanta, Georgia.

Untoward Reactions to Blood Transfusion

ROBERT P. GRUNINGER, M.D.

Associate Professor of Medicine and Microbiology, University of Massachusetts Medical School. Director, Division of Infectious Diseases. Saint Vincent Hospital, Worcester, Massachusetts.

Measles

BRUCE W. HALSTEAD, M.D.

Director, International Biototoxicological Center, World Life Research Institute, Colton, California.

Portuguese Man-of-War Stings

JOHN D. HAMILTON, M.D.

Associate Professor, Duke University Medical Center.
Attending Physician, Veterans Administration Hospital,
Durham, North Carolina.

Rocky Mountain Spotted Fever

CHARLES B. HAMMOND, M.D.

Associate Professor, Department of Obstetrics and Gynecology, Duke University Medical Center. Director, Reproductive Endocrinology Division, Durham, North Carolina.

Dysfunctional Uterine Bleeding

VIRGIL HANSON, M.D.

Professor of Pediatrics, University of Southern California School of Medicine. Head, Division of Rheumatology and Rehabilitation, Childrens Hospital of Los Angeles, Los Angeles, California.

Juvenile Rheumatoid Arthritis

DONALD R. HARKNESS, M.D.

Professor of Internal Medicine, University of Miami School of Medicine. Chief of Hematology, Veterans Administration Hospital, Miami, Florida.

Hemolytic Anemia—Nonimmune

JOHN R. HARTMANN, M.D.

Clinical Professor of Pediatrics, University of Washington School of Medicine. Director, Division of Hematology/Oncology, Children's Orthopedic Hospital and Medical Center; Associate Director for Extramural Affairs, Fred Hutchinson Cancer Research Center, Seattle, Washington.

Acute Childhood Leukemia

WILLIAM K. HASS, M.D.

Professor of Neurology, New York University School of Medicine. Attending Neurologist, University and Bellevue Hospitals; Consultant in Neurology, Veterans Administration Hospital, New York, New York.

Acute Ischemic Cardiovascular Disease

E. E. HEDBLUM, M.D.

Retired Captain, Medical Corps, U.S. Navy, Brunswick, Maine.

Disturbances Due to Cold

BEREL HELD, M.D.

Professor of Obstetrics and Gynecology, The University of Texas Medical School at Houston. Chief, Obstetrics and Gynecology Service, Hermann Hospital; Consultant in Gynecology, M. D. Anderson Hospital and Tumor Institute, Houston, Texas.

Antepartum Care

EVERETT D. HENDRICKS, M.D.

Active Staff, Yavapai Community Hospital; Urologic Consultant, Veterans Administration Hospital, Prescott, Arizona.

Benign Prostatic Hyperplasia

VICTOR HERBERT, M.D., J.D.

Professor and Vice-Chairman of Medicine, State University of New York Downstate Medical Center. Attending Physician, State University Hospital and Kings County Hospital, Brooklyn; Chief, Hematology and Nutrition Laboratory, Veterans Administration Hospital, Bronx, New York.

Scurvy

PABLO HERNANDEZ M, M.D.

Caracas, Venezuela.

Chronic Pancreatitis

JOHN H. HICKS, M.D.

Clinical Professor, Department of Dermatology, University of Miami School of Medicine. Attending, Jackson Memorial Hospital and Mercy Hospital, Miami, Florida.

Creeping Eruption

LADISLAV P. HINTERBUCHNER, M.D.

Clinical Professor of Neurology, State University of New York Downstate Medical Center. Neurologist-in-Chief, The Brooklyn and Cumberland Hospitals, Brooklyn, New York.

Idiopathic Peripheral Facial Paralysis

JULIAN T. HOFF, M.D.

Associate Professor of Neurological Surgery, University of California, San Francisco. Active Attending and Chief of Service, H. C. Moffitt Hospital, San Francisco, California.

Intracerebral Hemorrhage

FREDERICK J. HOFMEISTER, M.D.,
F.A.C.O.G.

Clinical Professor of Gynecology and Obstetrics, Medical College of Wisconsin. Attending Staff, Department of Obstetrics and Gynecology, Lutheran Hospital of Milwaukee, Milwaukee County General Hospital, and Elmbrook Memorial Hospital; Consulting Staff, West Allis Memorial Hospital, Wisconsin.

Toxemia of Pregnancy

FRANK M. HOWARD, JR., M.D.

Associate Professor of Neurology, Mayo Medical School. Attending Neurologist, Rochester Methodist and St. Marys Hospitals, Rochester, Minnesota.

Myasthenia Gravis

CLARK HUFF, M.D.

Assistant Professor of Dermatology, University of Colorado School of Medicine, Denver, Colorado.

Dermatomyositis-Polymyositis

JAMES M. HUGHES, M.D.

Fellow, Division of Infectious Diseases, University of Virginia School of Medicine, Charlottesville, Virginia.

Bacterial Meningitis

MICHAEL HUME, M.D.

Professor of Surgery, Tufts University School of Medicine. Chief of Surgical Services, Lemuel Shattuck Hospital, Boston, Massachusetts.

Massive Thrombophlebitis of the Lower Extremities

WILLIAM E. HUNT, M.D.

Professor of Surgery, The Ohio State University. Attending Neurosurgeon, The Ohio State University Hospital; Affiliated Teaching, Riverside Methodist Hospital; Consulting, St. Anthony's Hospital and Children's Hospital, Columbus, Ohio.

Acute Head Injuries

SIDNEY HURWITZ, M.D.

Associate Clinical Professor of Pediatrics and Dermatology, Yale University School of Medicine. Attending Physician in Pediatrics and Dermatology, Yale-New Haven Medical Center; Hospital of St. Raphael, New Haven, Connecticut.

Bacterial Infections of the Skin

PETER ERIC HUTCHINSON, M.B., M.R.C.P.

Consultant Dermatologist, Leicester Royal Infirmary and Leicester General Hospital, Leicester, England.

Alopecia

STEFANIA JABLONSKA, M.D.

Professor of Dermatology, Department of Dermatology, Warsaw School of Medicine, Warsaw, Poland.

Pemphigus and Bullous Pemphigoid

ELIZABETH J. JAMES, M.D.

Associate Professor, Departments of Child Health and Obstetrics-Gynecology, University of Missouri. Director of Perinatal Medicine, University of Missouri Medical Center, Columbia, Missouri.

Resuscitation of the Newborn

MICHAEL JARRATT, M.D.

Associate Professor, Department of Dermatology, Baylor College of Medicine. The Methodist Texas Children's, St. Luke's Episcopal, Ben Taub General, and Veterans Administration Hospitals, Houston, Texas.

Herpes Simplex

ROBERT L. JETTON, M.D.

Greenville County Hospital System Affiliated Hospitals. Chief of Dermatology, St. Francis Community Hospital, Greenville, South Carolina.

Precancerous Lesions of the Skin and Mucous Membranes

WILLIAM R. JEWELL, M.D.

Professor of Surgery and Assistant Dean, College of Medicine, University of Kansas Medical Center. Consultant in Surgery, Veterans Administration Hospital, Kansas City, Missouri.

Diseases of the Breast

F. LEONARD JOHNSON, M.B., B.S.

Assistant Professor, Pediatrics, University of Washington. Staff Physician in Hematology/Oncology, Children's Orthopedic Hospital; Assistant Member, Fred Hutchinson Cancer Research Center, Seattle, Washington.

Acute Childhood Leukemia

THEODORE L. JOHNSON, M.D.

Clinical Associate Professor of Medicine, University of Minnesota School of Medicine. Attending Physician, The Duluth Clinic and Miller-Dwan, St. Mary's, and St. Luke's Hospitals, Duluth, Minnesota.

Chronic Renal Failure

RONALD C. JONES, M.D.

Professor of Surgery, The University of Texas Health Science Center at Dallas. Attending General Surgeon, Parkland Memorial Hospital, Children's Medical Center, and Presbyterian Hospital at Dallas, Dallas, Texas.

Rabies

THOMAS C. JONES, M.D.

Associate Professor of Medicine and Public Health, Cornell Medical College. Associate Attending Physician, Division of Infectious Diseases, The New York Hospital, New York, New York.

Trichinellosis

FREDERIC ROSS KAHL, M.D.

Assistant Professor of Medicine, Bowman Gray School of Medicine of Wake Forest University. Attending Cardiologist, North Carolina Baptist Hospital, Winston-Salem, North Carolina.

Tachycardia

RAJYALAKSHMI KAKARLA, M.D.

Chief Resident in Obstetrics and Gynecology, Lenox Hill Hospital, New York, New York.

Cancer of the Uterus

ALAN L. KAPLAN, M.D.

Associate Professor, Baylor College of Medicine. Attending, Methodist, St. Luke's, Texas Children's, Diagnostic Center, and Veterans Administration Hospitals, Houston, Texas.

Thrombophlebitis

GEORGE W. KAPLAN, M.D., M.S., F.A.A.P., F.A.C.S.

Associate Clinical Professor of Surgery, University of California at San Diego. Chief, Pediatric Urology, University of California at San Diego; Chief of Urology, Children's Hospital, San Diego, California.

Bacterial Infections of the Urinary Tract (Female Children)

KAREN L. KAPLAN, M.D., Ph.D.

Assistant Professor of Medicine, Columbia University

College of Physicians and Surgeons. Assistant Attending Physician, Presbyterian Hospital, New York, New York.
Disseminated Intravascular Coagulation

HARRY IRVING KATZ, M.D.

Clinical Associate Professor, Department of Dermatology, University of Minnesota.
Dermatitis Herpetiformis

WILLIAM N. KELLEY, M.D.

Professor and Chairman, Department of Internal Medicine, University of Michigan Medical School. Professor of Biological Chemistry, University of Michigan Medical School, Ann Arbor, Michigan.
Gout

WILLIAM A. KELLY, M.D.

Professor, Department of Neurologic Surgery, University of Washington School of Medicine. Attending Physician, University Hospital, Veterans Administration Hospital, and Harborview Medical Center, Seattle, Washington.
Brain Tumors

STEVEN G. KELSEN, M.D.

Assistant Professor of Internal Medicine and Director, Pulmonary Division Fellowship Training Program, Case Western Reserve University School of Medicine. Attending Physician, University Hospitals-Lakeside Division, and Veterans Administration Hospital, Cleveland, Ohio.
Chronic Bronchitis and Emphysema

JOHN A. KENNEY, JR., M.D.

Professor and Chairman, Department of Dermatology, Howard University College of Medicine. Chief of Dermatology, Howard University Hospital; Attending Staff, Children's Hospital National Medical Center, Veterans Administration Hospital of Washington, and District of Columbia General Hospital of Washington; Consultant Staff, Washington Hospital Center; Consultant in Dermatology, U.S. Department of State, Washington, D.C.
Pigmentary Disturbances

GERALD T. KEUSCH, M.D.

Professor of Medicine, Mt. Sinai School of Medicine. Attending Physician, Mt. Sinai Hospital, New York, New York.
Bacillary Dysentery

MOHAMMED Y. KHAN, M.D., Ph.D., F.R.C.P.(C.)

Assistant Professor of Internal Medicine, University of Minnesota School of Medicine. Director, Infectious Disease Section, Hennepin County Medical Center, Minneapolis, Minnesota.
Brucellosis

LOWELL R. KING, M.D.

Professor of Urology and Surgery, Northwestern University Medical School. Active Attending Urologist, Surgeon-

in-Chief, The Children's Memorial Hospital; Attending Urologist, Northwestern Memorial and Columbus Hospitals, Chicago, Illinois.

Childhood Enuresis

C. THOMAS KISKER, M.D.

Associate Professor, University of Iowa College of Medicine, Department of Pediatrics. Chief, Division of Hematology-Oncology, University of Iowa Hospitals, Iowa City, Iowa.

Vitamin K Deficiency

CARL M. KJELLSTRAND, M.D.

Professor of Medicine and Surgery, University of Minnesota School of Medicine. Chief, Division of Nephrology, University of Minnesota Hospital, Minneapolis, Minnesota.

Chronic Renal Failure

HAROLD L. KLAWANS, M.D.

Professor, Rush University. Associate Chairman, Department of Neurological Sciences, Rush-Presbyterian-St. Luke's Medical Center, Chicago, Illinois.

Parkinson's Disease

RAYMOND S. KOFF, M.D.

Associate Professor of Medicine, Boston University School of Medicine. Chief, Hepatology Section, Veterans Administration Hospital and Boston University Medical Center, Boston, Massachusetts.

Acute Viral Hepatitis

MICHAEL K. KOWALSKI, M.D., MAJ, MC

Fellow, Gynecologic Oncology Service, Department of Obstetrics and Gynecology, Walter Reed Army Medical Center, Washington, D.C.

Preoperative and Postoperative Care for Elective Gynecology Surgery

FRANKLIN KOZIN, M.D.

Assistant Professor of Medicine, The Medical College of Wisconsin. Milwaukee County Medical Complex, Milwaukee, Wisconsin.

Ankylosing Spondylitis

DOROTHY T. KRIEGER, M.D.

Professor of Medicine, Mount Sinai School of Medicine. Attending in Medicine and Director, Division of Endocrinology and Metabolism, Mount Sinai Hospital, New York, New York.

Cushing's Syndrome

NEIL A. KURTZMAN, M.D.

Professor of Medicine, University of Illinois Abraham Lincoln School of Medicine; Professor of Physiology, University of Illinois School of Basic Medical Sciences. Chief, Section of Nephrology, University of Illinois Hospital, Chicago, Illinois.

Parenteral Nutrition in Adults

JOEL M. LAMON, M.D.

Investigator, Metabolism Branch, National Cancer Institute, National Institutes of Health, Bethesda, Maryland.
The Porphyrrias

JOHN H. LARAGH, M.D.

Hilda Altschul Master Professor of Medicine, The New York Hospital-Cornell Medical Center. Director of Cardiovascular Center and Chief, Department of Cardiology, Department of Medicine, New York Hospital, New York, New York.
Hypertension

JOHN C. LAROSA, M.D.

Associate Professor of Medicine and Director, Lipid Research Clinic, George Washington University Medical Center, Washington, D.C.
Xanthomas

P. REED LARSEN, M.D.

Associate Professor of Medicine, Harvard Medical School. Investigator, Howard Hughes Medical Institute; Head, Thyroid Unit, and Senior Associate in Medicine, Peter Bent Brigham Hospital, Boston, Massachusetts.
Hyperthyroidism

WALTER G. LARSEN, M.D.

Associate Clinical Professor of Dermatology, University of Oregon Medical School, Portland, Oregon.
Inflammatory Eruptions of the Hands and Feet

DUANE L. LARSON, M.D., F.A.C.S.

Professor of Surgery, Plastic and Maxillofacial, University of Texas Medical Branch. Galveston. Chief of Staff, Shriners Burns Institute, Galveston, Texas.
Burns

DAVID H. LAW, M.D.

Professor of Medicine, University of New Mexico School of Medicine. Chief, Medical Service, Veterans Administration Hospital, Albuquerque, New Mexico.
Crohn's Disease

GLEN A. LEHMAN, M.D.

Assistant Professor of Medicine, Indiana University School of Medicine, Indianapolis, Indiana.
Tumors of the Colon and Rectum

JOHN M. LEONARD, M.D.

Assistant Professor, University of Washington. Chief of Medicine, U.S. Public Health Service Hospital, Seattle; Attending Physician, University Hospital, Seattle, Washington.
Hypopituitarism

RICHARD LEONARDS, M.D.

Assistant Clinical Professor, Pediatrics, University of California School of Medicine, San Francisco. Hospital Epidemiologist, Children's Hospital, San Francisco, California.
Diphtheria

KENNETH B. LEWIS, M.D.

Assistant Professor of Medicine, The Johns Hopkins University. Chairman, Department of Medicine, Franklin Square Hospital, Baltimore, Maryland.
Heart Block

S. M. LEWIS, M.D., F.R.C.PATH.

Reader in Haematology, Royal Postgraduate Medical School, London. Consultant Haematologist, Hammersmith Hospital, London, England.
Aplastic Anemia

JAMES J. LEYDEN, M.D.

Assistant Professor of Dermatology, University of Pennsylvania School of Medicine. Chief of Dermatology Clinic, University of Pennsylvania, Philadelphia, Pennsylvania.
Atopic Dermatitis

ROBERT W. LIGHTFOOT, JR., M.D.

Associate Professor of Medicine, Medical College of Wisconsin. Associate Attending Physician, Milwaukee County Medical Complex; Chief, Rheumatology Service, Wood Veterans Administration Hospital, Milwaukee, Wisconsin.
Osteoarthritis

KARL A. LOFGREN, M.D., M.S. (SURGERY)

Associate Professor of Surgery, Mayo Medical School. Head, Section of Peripheral Vein Surgery, Mayo Clinic and Mayo Foundation, Rochester, Minnesota.
Primary Varicose Veins

GERALD LOGUE, M.D.

Assistant Professor, Duke University School of Medicine. Chief, Hematology, Veterans Administration Hospital, Durham, North Carolina.
Hemolytic Anemia—Immune

CHARLES M. LUETJE, M.D., F.A.C.S.

Assistant Professor of Surgery, Otolaryngology Service, University of Missouri. Attending Staff, Otolaryngology and Neuro-Otology, Trinity Lutheran, St. Mary's, St. Luke's, Truman Medical Center, and St. Joseph Hospitals, Kansas City, Missouri.
Meniere's Disease

JOHN C. MAIZE, M.D.

Associate Professor of Dermatology, State University of New York at Buffalo. Assistant Attending Dermatologist, Buffalo General Hospital, Buffalo, New York.
Stasis Dermatitis and Ulcers