



英文影印版

GOLDMAN'S CECIL MEDICINE

西氏内科学

LEE GOLDMAN
ANDREW I. SCHAFER

第24版

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24TH EDITION

西氏内科学

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PREFACE

The 24TH Edition of *Goldman's Cecil Medicine* symbolizes a time of extraordinary advances in medicine and in technological innovations for the dissemination of information. This textbook and its associated electronic products incorporate the latest medical knowledge in formats that are designed to appeal to learners who prefer to access information in a variety of ways.

The contents of *Cecil* have remained true to the tradition of a comprehensive textbook of medicine that carefully explains the *why* (the underlying normal physiology and pathophysiology of disease, now at the cellular and molecular as well as the organ level) and the *how* (now frequently based on Grade A evidence from randomized controlled trials). Descriptions of physiology and pathophysiology include the latest genetic advances in a practical format that strives to be useful to the nonexpert. Medicine has entered an era when the acuity of illness and the limited time available to evaluate a patient have diminished the ability of physicians to satisfy their intellectual curiosity. As a result, the acquisition of information, quite easily achieved in this era, is often confused with knowledge. We have attempted to counteract this tendency with a textbook that not only informs but also stimulates new questions and gives a glimpse of the future path to new knowledge. Grade A evidence is specifically highlighted in the text and referenced at the end of each chapter. In addition to the information provided in the textbook, the Cecil website supplies expanded content and functionality. In many cases, the full articles referenced in each chapter can be accessed from the Cecil website. The website is also continuously updated to incorporate subsequent Grade A information, other evidence, and new discoveries.

The sections for each organ system begin with a chapter that summarizes an approach to patients with key symptoms, signs, or laboratory abnormalities associated with dysfunction of that organ system. As summarized in Table 1-1, the text specifically provides clear, concise information regarding how a physician should approach more than 100 common symptoms, signs, and laboratory abnormalities, usually with a flow diagram, a table, or both for easy reference. In this way, *Cecil* remains a comprehensive text to guide diagnosis and therapy, not only for patients with suspected or known diseases but also for patients who may have undiagnosed abnormalities that require an initial evaluation.

Just as each edition brings new authors, it also reminds us of our gratitude to past editors and authors. Previous editors of *Cecil Medicine* include a short but remarkably distinguished group of leaders of American medicine: Russell Cecil, Paul Beeson, Walsh McDermott, James Wyngaarden, Lloyd H. Smith, Jr., Fred Plum, J. Claude Bennett, and Dennis Ausiello. As we welcome new

associate editors—Wendy Levinson, Donald W. Landry, Anil Rustgi, and W. Michael Scheld—we also express our appreciation to Nicholas LaRusso and other associate editors from the previous editions on whose foundation we have built. Our returning associate editors—William P. Arend, James O. Armitage, David Clemmons, Jeffrey M. Drazen, and Robert C. Griggs—continue to make critical contributions to the selection of authors and the review and approval of all manuscripts. The editors, however, are fully responsible for the book as well as the integration among chapters.

The tradition of *Cecil Medicine* is that all chapters are written by distinguished experts in each field. We are also most grateful for the editorial assistance in New York of Theresa Considine and Silva Serghian. These individuals and others in our offices have shown extraordinary dedication and equanimity in working with authors and editors to manage the unending flow of manuscripts, figures, and permissions. We also thank Faten Abera, Reza Akari, Robert C. Brunham, Ivan Ciric, Seema Daulat, Gregory F. Erikson, Kevin Ghassemi, Jason H. Huang, Caron Jacobson, Lisa Kachnic, Bryan T. Kelly, Karen Krok, Heather Lehman, Keiron Leslie, Luis Marcos, Michael Overman, Eric Padron, Bianca Maria Piraccini, Don W. Powell, Katy Ralston, James M. Swain, Tania Thomas, Kirsten Tillisch, Ali Turabi, Mark Whiteford, and Y. Joseph Woo, who contributed to various chapters. At Elsevier, we are most indebted to Dolores Meloni and Linda McKinley, and also thank Cathy Carroll, Taylor Ball, Virginia Wilson, Linda Van Pelt, Suzanne Fannin, and Steve Stave, who have been critical to the planning and production process under the direction of Mary Gatsch. Many of the clinical photographs were supplied by Charles D. Forbes and William F. Jackson, authors of *Color Atlas and Text of Clinical Medicine*, Third Edition, published in 2003 by Elsevier Science Ltd. We thank them for graciously permitting us to include their pictures in our book. We have been exposed to remarkable physicians in our lifetimes and would like to acknowledge the mentorship and support of several of those who exemplify this paradigm—Robert H. Gifford, Lloyd H. Smith, Jr., Frank Gardner, and William Castle. Finally, we would like to thank the Goldman family—Jill, Jeff, Abigail, Mira, Daniel, and Robyn Goldman—and the Schafer family—Pauline, Eric, Pam, John, Evan, and Kate—for their understanding of the time and focus required to edit a book that attempts to sustain the tradition of our predecessors and to meet the needs of today's physician.

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Approach to the Patient with a Sexually Transmitted Disease

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Pain

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Preoperative Evaluation

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Immune Reconstitution Inflammatory Syndrome in HIV/AIDS

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Hodgkin's Lymphoma

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Approach to the Patient in a Critical Care Setting

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Venomous Snake Bites

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Biology of Cancer

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Antibacterial Chemotherapy

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Leishmaniasis

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Systemic Lupus Erythematosus

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Salmonella Infections (including Typhoid Fever)

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Principles of Occupational and Environmental Medicine

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Nephrolithiasis

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Smallpox, Monkeypox, and Other Poxvirus Infections

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Diseases of the Mouth and Salivary Glands

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Breast Cancer and Benign Breast Disorders

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Professor of Neurology, Weill Cornell Medical College; Chair, Department of Neurology, Memorial Sloan-Kettering Cancer Center, New York, New York
Tumors of the Central Nervous System and Intracranial Hypertension and Hypotension

Malcolm M. DeCamp, MD

Fowler McCormick Professor of Surgery and Professor of Medicine, Northwestern University Feinberg School of Medicine; Chief, Division of Thoracic Surgery, Northwestern Memorial Hospital, Chicago, Illinois
Interventional and Surgical Approaches to Lung Disease; Video

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Prevention of Human Immunodeficiency Virus Infection

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Sarcomas of Soft Tissue and Bone, and Other Neoplasms of Connective Tissues

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Medical Aspects of Trauma and Burn Care

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Rhabdomyolysis

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Principles of Drug Therapy

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Assistant Professor, Department of Microbiology, Immunology and Tropical Medicine, George Washington University; Director of Clinical Trials, Albert B. Sabin Vaccine Institute, Washington, DC
Intestinal Nematode Infections; Tissue Nematode Infections

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Headaches and Other Head Pain

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Papillomavirus

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Asthma; Video

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Urticaria and Angioedema

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Cytomegalovirus

George L. Drusano, MD

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Antibacterial Chemotherapy

Thomas D. DuBose, Jr., MD

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Vascular Disorders of the Kidney; Video

F. Daniel Duffy, MD

Steven Landgrat Professor in Medical Leadership, Dean, University of Oklahoma, School of Community Medicine, Tulsa, Oklahoma

Counseling for Behavior Change

Herbert L. DuPont, MD

H. Irving Schweppe, Jr., Chair of Internal Medicine and Vice Chairman, Department of Medicine, Baylor College of Medicine; Chief, Internal Medicine, St. Luke's Episcopal Hospital; Director, Center for Infectious Diseases, University of Texas–Houston School of Public Health, Houston, Texas

Approach to the Patient with Suspected Enteric Infection

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Urticaria, Drug Hypersensitivity Rashes, Nodules and Tumors, and Atrophic Diseases

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Sarah H. Sell Professor of Pediatrics, Vanderbilt University School of Medicine, Nashville, Tennessee

Parainfluenza Viral Disease

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Crystal Deposition Diseases

Lawrence H. Einhorn, MD

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Testicular Cancer

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Reference Intervals and Laboratory Values

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Principles of Anti-Infective Therapy

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Diseases of the Myocardium and Endocardium

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Tuberculosis

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Approach to Inborn Errors of Metabolism

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Arthropods and Leeches

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Bioethics in the Practice of Medicine

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Ovaries and Development; Reproductive Endocrinology and Infertility

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Interventional and Surgical Approaches to Lung Disease

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Leprosy (Hansen's Disease)

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Lung Cancer and Other Pulmonary Neoplasms

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Disorders of Neuromuscular Transmission

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Neoplasms of the Large and Small Intestine; Videos

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Diseases of the Esophagus

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Mineral and Bone Homeostasis

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Intimate Partner Violence

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Measuring Health and Health Care

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Mechanisms of Inflammation and Tissue Repair

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Prevention and Control of Health Care–Associated Infections

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Overview of Anesthesia

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Acute Poisoning

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Pancreatitis

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Infective Endocarditis

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Venoms and Poisons from Marine Organisms

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Rotaviruses, Noroviruses, and Other Gastrointestinal Viruses

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Immune Reconstitution Inflammatory Syndrome in HIV/AIDS

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Approach to Women's Health

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Epidemiology of Aging: Implications of the Aging of Society

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Biologic Agents

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Plague and Other Yersinia Infections

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Endocrine Manifestations of Tumors: "Ectopic" Hormone Production

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Coccidioidomycosis

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Hemolytic Anemias: Red Cell Membrane and Metabolic Defects

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Gene and Cell Therapy

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Electrocardiography

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Cirrhosis and Its Sequelae

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Medical Aspects of Trauma and Burn Care

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Diseases Caused by Chlamydiae

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Nicotine and Tobacco

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Clostridial Infections

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Sjögren's Syndrome

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Amyloidosis

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Microcytic and Hypochromic Anemias

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Peripheral Venous Disease

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Applications of Molecular Technologies to Clinical Medicine

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Disorders of Phagocyte Function

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Mumps

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Neisseria Gonorrhoeae Infections

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Approach to Medicine, the Patient, and the Medical Profession: Medicine as a Learned and Humane Profession; Approach to the Patient with Possible Cardiovascular Disease

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Diseases Caused by Non-Spore-Forming Anaerobic Bacteria

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Transfusion Medicine

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The Innate and Adaptive Immune Systems

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Cholera and Other Vibrio Infections; Liver, Intestinal, and Lung Fluke Infections

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Menopause

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Drug Allergy

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Cancer of Unknown Primary Origin

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Rotaviruses, Noroviruses, and Other Gastrointestinal Viruses

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The Major Histocompatibility Complex

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Approach to the Patient with Neurologic Disease

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Hereditary Nephropathies and Developmental Abnormalities of the Urinary Tract

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Escherichia Coli Enteric Infections; Cryptosporidiosis

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Treatment of Human Immunodeficiency Virus Infection and Acquired Immunodeficiency Syndrome

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Carcinoid Syndrome

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Neisseria Gonorrhoeae Infections

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Diabetes and the Kidney

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Vascular Diseases of the Gastrointestinal Tract

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Nutrition's Interface with Health and Disease

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Whooping Cough and Other Bordetella Infections

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Giardiasis

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Respiratory Monitoring in Critical Care

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Acute Coronary Syndrome: Unstable Angina and Non-ST Elevation Myocardial Infarction

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Antithrombotic Therapy

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Complement in Health and Disease

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The Nontuberculous Mycobacteria

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Cardiogenic Shock

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Granuloma Inguinale (Donovanosis); Syphilis; Nonsyphilitic Treponematoses

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Pulmonary Manifestations of Human Immunodeficiency Virus and Acquired Immunodeficiency Syndrome

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Acute Respiratory Failure; Mechanical Ventilation

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Biology of Addiction

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Sarcoidosis

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The Spondyloarthropathies

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Neuropsychiatric Aspects of Aging; Delirium or Acute Mental Status Change in the Older Patient; Video

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The Parathyroid Glands, Hypercalcemia, and Hypocalcemia

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Type 1 Diabetes Mellitus; Type 2 Diabetes Mellitus

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Diseases of the Aorta

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The Epidemiology of Cancer

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Neuro-Ophthalmology; Smell and Taste; Hearing and Equilibrium

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Gastrointestinal Hemorrhage and Occult Gastrointestinal Bleeding

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Obesity

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Pancreatic Endocrine Tumors

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Cardiac Transplantation

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Approach to the Patient with Neurologic Disease

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Malaria

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The Chronic Leukemias

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Complement in Health and Disease

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Diseases of the Esophagus

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