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Lawrence W. Way
Gerard M. Doherty



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Surgical

Diagnosis & Treatment

11th Edition

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Preface

Current Surgical Diagnosis & Treatment is intended to serve as a ready source of information about diseases managed by surgeons. Like other books in this Lange series, it emphasizes quick recall of major diagnostic features and brief descriptions of disease processes, followed by procedures for definitive diagnosis and treatment. Epidemiology, pathophysiology, and pathology are discussed to the extent that they contribute to the book's ultimate purpose, which is patient care.

Not quite a third of the book is given over to general medical and surgical topics important in the management of all patients.

References to the current journal literature are provided for the reader who wishes to explore specific matters in greater detail than would be appropriate in a concise text of this sort.

OUTSTANDING FEATURES

- After some delays, the text will again be revised and updated frequently. With each revision, particular subjects are completely, substantially, partially, or minimally rewritten as called for by the progress in each field. This edition in particular has been extensively updated because of the longer period since last publication.
- Illustrations have been judiciously chosen to clarify anatomic and surgical concepts.
- Over 1000 diseases and disorders are covered.
- Thorough coverage is provided of the role of the many new minimally invasive surgical procedures in treatment.

INTENDED AUDIENCE

- **Students** will find this book to be an authoritative introduction to surgery as it is taught and practiced at major teaching institutions.
- **House officers** will find many occasions to refer to the concise discussions of the diseases they must deal with every day as well as less common ones calling for quick study on the spot.
- **Medical practitioners** who must occasionally deal with surgical problems or counsel patients needing surgical referrals will have many uses for this book; practicing surgeons will find it useful as a guide to the most current management strategies.

ORGANIZATION

This book is organized chiefly by organ system. Lists of subjects taken up in the longer chapters are presented in the table of contents, but for some users the more convenient portal of entry to the text will be the index.

Early chapters provide general information about the relationship between surgeons and their patients (Chapter 1), preparation for surgery (Chapter 2), postoperative care (Chapter 3), and surgical complications (Chapter 4). Chapter 5 deals with the problems of medically ill patients who require surgery. Chapter 6 summarizes the main features of the surgeon's legal obligations and tort law. Then follow chapters on wound healing (Chapter 7), a new chapter on the metabolic and neuroendocrine responses to surgery (Chapter 8), inflammation, infection, and antibiotics (Chapter 9), fluid and electrolyte management (Chapter 10), surgical metabolism and nutrition (Chapter 11), anesthesia (Chapter 12), and shock and acute pulmonary failure (Chapter 13). Chapter 14 discusses management of trauma and Chapter 15, management of burns. The main series of body system topics begins with Chapter 16 (head and neck tumors) and ends with Chapter 45 (hand surgery). Pediatric surgery (Chapter 46), oncology and cancer chemotherapy (Chapter 47), and organ transplantation (Chapter 48) round out the main text.

NEW TO THIS EDITION

Along with the customary revision of all sections as called for by changing concepts in each field covered in this book, the following can be mentioned specifically:

- This has been a particularly complete revision with extensive changes to every chapter to update the material.
- Chapter 5 has several sections regarding Special Medical Problems in Surgical Patients, which have each been extensively rewritten to provide optimal guidance to the practitioner or trainee.
- Chapter 8, Metabolic & Neuroendocrine Systems in Surgery, is a new chapter covering material not previously included in the text.
- Chapter 9, Inflammation, Infections, & Antibiotics, has been completely rewritten, reflecting current concepts and practice in the management of surgical infections and antimicrobial therapy.
- Chapter 11, Surgical Metabolism & Nutrition, has been completely rewritten to simplify the approach to nutritional support of the surgical patient.
- Head & Neck Tumors (Chapter 16) has been extensively revised, including up-to-date combined modality therapy information.
- Oncology (Chapter 47) is entirely new, with added coverage of lymphomas, melanoma, sarcoma, and systemic cancer therapy.

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Gerard M. Doherty, MD
Lawrence W. Way, MD

Ann Arbor, Michigan and San Francisco, California
August, 2002

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