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VOLUME 2

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TEXTBOOK OF

SURGERY

The Biological Basis of
Modern Surgical Practice

Fifteenth Edition

Volume 2

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The Small Intestine: Anatomy; Physiology; Intestinal Obstruction

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Radionuclide Evaluation of Coronary Artery Disease

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Trauma: Management of the Acutely Injured Patient

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Ebstein's Anomaly

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Acute Suppurative Mediastinitis

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Multiple Endocrine Neoplasia Syndromes

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Raynaud's Syndrome

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Peritoneovenous Shunts for Intractable Ascites

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The Use of Cardiovascular Pharmacologic Agents in Surgical Patients

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Benign Neoplasms of the Colon, Including Vascular Malformations

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Nodular Goiter and Benign and Malignant Neoplasms of the Thyroid

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Soft Tissue Sarcomas

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Disorders of the Lungs, Pleura, and Chest Wall: Anatomy

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Congenital Lesions of the Coronary Circulation; Cardiac Pacemakers

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Tumors of the Duodenum and Small Intestine

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Tracheostomy and Its Complications

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Surgical Management of Pulmonary Emphysema; Extracorporeal Membrane Oxygenation

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Disorders of the Lymphatic System; Femoropopliteal and Femoro-infrapopliteal Bypass; Renovascular Disease

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The Spleen

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Principles of Operative Surgery: Antisepsis, Technique, Sutures, and Drains

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Bites and Stings

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Tumor Markers

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The Hand: Tendon Injury and Repair

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The Pituitary and Adrenal Glands

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Carcinoid Tumors and the Carcinoid Syndrome

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The Esophagus: Historical Aspects and Anatomy; Physiology; Disorders of Esophageal Motility; Diverticula and Miscellaneous Conditions of the Esophagus; Esophagoscopy; Tumors of the Esophagus

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The Stomach and Duodenum: Historical Aspects, Anatomy, Pathology, Physiology, and Peptic Ulcer Disease; Lymphoma of the Stomach

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The Artificial Heart

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The Immunology of Transplant Antigens; Mechanisms and Characteristics of Allograft Rejection

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Principles of Preoperative Preparation of the Surgical Patient

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The Surgical Approach to Morbid Obesity

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Fractures of the Spine

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The Immunology of Transplant Antigens; Mechanisms and Characteristics of Allograft Rejection

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Vascular Compression of the Duodenum

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Acute Renal Failure in Surgical Patients: Prevention and Treatment

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Melanoma

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Blood Transfusions and Disorders of Surgical Bleeding; The Spleen

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Principles of Therapeutic Immunosuppression

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Transposition of the Great Arteries

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Replantation of Amputated Limbs and Digits

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Surgical Management of Failed Angioplasty

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Shock: Causes and Management of Circulatory Collapse

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Volvulus of the Colon

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It is the view of the Editor that this edition of the *Textbook of Surgery: The Biological Basis of Modern Surgical Practice*, 15th edition, is the most complete yet to be published, with appropriate emphasis on *basic* and *clinical* surgical science. The contributors are due great credit for updating each chapter with diligence and adding the latest contributions in each field.

Six additional texts authored by the Editor and published by W.B. Saunders Company are closely associated with the *Textbook of Surgery* and are additional resources. These include the *Textbook of Surgery Pocket Companion*, the *Sabiston Review of Surgery*, the *Atlas of General Surgery*, the *Atlas of Cardiothoracic Surgery*, the *Sabiston Essentials of Surgery* with Dr. H. Kim Lysterly, and the *Surgery of the Chest* with Dr. Frank C. Spencer. To the contributors to these texts, sincere appreciation is also due.

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