GI Motility Testing-Henry P. Parkman 2010-09-15 GI Motility Testing: A Laboratory and Office Handbook is a comprehensive and practical book that describes how to properly perform and interpret GI motility tests in conjunction with learning GI motility and neurogastroenterology. Drs. Henry P. Parkman, Richard W. McCallum, Satish S. C. Rao, and their contributors carefully detail the wide range of procedures that are used for the evaluation of patients in the GI motility laboratory. Inside GI Motility Testing, each chapter has been comprehensively written and fully illustrated with examples of tracings and studies. This detailed bookdiscusses the most up-to-date equipment and technology, while providing a solid understanding of normal and abnormal manometry patterns as well as information on billing and coding. Some Chapter Topics Include: Impedance Studies, High Resolution Manometry and Sensitivity Testing in Assessing Esophageal Disorders Gastric Emptying Scintigraphy Breath Testing for Carbohydrate Malabsorption and Bacterial Overgrowth Assessment of Gut Transit with Radiopaque Markers and Scintigraphy Novel Tests such as Wireless Motility Capsule for Evaluation of Regional and Whole Gut Transit/Motility Functional Brain Imaging in GI Neurophysiology Gastroesophageal Reflux Disease Gastroparesis Irritable Bowel Syndrome Constipation Fecal Incontinence GI Motility Testing: A Laboratory and Office Handbook carefully explains how to integrate diagnostic information into decision making for day-to-day patient care, making it ideal for gastroenterologists, surgeons, GI fellows, internists, physician assistants, technicians, nurses, and nurse practitioners.

Gastrointestinal Motility-Satish S. C. Rao 2012-12-06 Gastrointestinal motility has evolved from an esoteric laboratory tool into a sophisticated diagnostic technique that is now widely used clinically to guide in management of complex gastrointestinal problems. Today, it is the most rapidly growing subspecialty within gastroenterology. Previously, many of the gastrointestinal motility problems were either ignored or attributed to a disturbance of “psych.” But with the growing knowledge and understanding of how a dysfunction of the gastrointestinal muscle and nerves can cause disease, we are at the threshold of a revolution in our approach to the diagnosis and treatment of gastrointestinal motility disorders. The purpose of this book is to serve as a useful, up-to-date reference manual and guide for the diagnostic and therapeutic approach towards common adult and pediatric gastrointestinal motility problems. In order to enhance the understanding of these disorders, a problem-oriented approach has been chosen, and wherever possible the authors have provided clinical case scenarios to illustrate their message. The emphasis has been on how to diagnose and treat motility disorders rather than to provide an encyclopedic information. The reference list at the end of each chapter should enable the enthusiast to seek further information. Some of the material presented in this book has been derived from the proceedings of the annual University of Iowa College of Medicine GI Motility Symposium.

Esophageal Motility Testing-Donald O. Castell 1994

Clinical and Basic Neurogastroenterology and Motility-Satish S. C. Rao 2019-12-01 Clinical and Basic Neurogastroenterology and Motility is a state-of-the-art, lucidly written, generously illustrated, landmark publication that comprehensively addresses the underlying mechanisms and management of common adult and pediatric motility disorders. These problems affect 30% of the population and include conditions such as dysphagia, achalasia, gastroesophageal reflux disease, gastroparesis, irritable bowel syndrome (IBS), gas and bloating, SIBO, constipation and fecal incontinence. The book brings together international experts and clinician scientists, epitomizing their years of wisdom into a concise yet practical text that is delivered in two distinct sections, basic and clinical. It fulfills a large unmet need, and bridges a long-awaited knowledge gap among trainees, clinicians, scientists, nurses and technicians, earnestly engaged in this field. First of its kind text that covers both basic and clinical aspects, bridging the knowledge gap, and providing a bench to bedside approach for management of common disorders. Discusses the latest concepts and basic principles of neurogastroenterology and motility, and how the gut and brain interact in the genesis of functional gastrointestinal and motility disorders. Provides an illustrated and practical text on hot topics written by leading adult and pediatric gastroenterology experts across the globe. Includes an accompanying more detailed web version of the text with free access to future podcasts.

Handbook of Gastrointestinal Motility and Functional Disorders-Satish S. C. Rao 2015-05-01 Handbook of Gastrointestinal Motility and Functional Disorders is a user-friendly handbook that reviews the latest and most up-to-date information on the evaluation of symptoms and diagnostic tests of GI motility and functional GI disorders and a practical approach on how to treat these disorders. Each chapter is written by an international expert in the field who was carefully chosen for his or her renowned scientific and clinical expertise. The book brings together the essence of science and art in the practice of neurogastroenterology and GI motility. The chapters are enriched with algorithms, tables, and figures to enhance learning and readability. Each chapter follows a specific outline; chapters on symptoms follow the format of definition, pathophysiology, and evaluation of the symptoms whereas the chapters on specific disorders follow the format of definition, diagnosis, and treatment. This allows for quick reading of the various chapters and to gain up-to-date knowledge of the topic. Each chapter also includes extensive color pictures and illustrations of each test involved and descriptions of how to perform and interpret the motility tests that are incorporated into patient care decisions. Handbook of Gastrointestinal Motility and Functional Disorders by Drs. Satish S. C. Rao, Henry P. Parkman, and Richard W. McCallum will be useful for practicing physicians, junior academicians, GI fellows, young faculty, motility laboratory personnel, surgeons, internists, physician assistants, family practitioners, and nurse practitioners who all encounter the common problems of dysphagia, heartburn, nausea, vomiting, abdominal pain, irritable bowel syndrome, constipation, and fecal incontinence in their daily practice. The update on management and therapy completes the Handbook of Gastrointestinal Motility and Functional Disorders and explains how to integrate this diagnostic information into decision making, and how to translate this to day-to-day patient care.

Modern Approaches for Evaluation and Treatment of GI Motility Disorders, An Issue of Gastroenterology Clinics of North America, E-Book-Henry Parkman 2020-09-08 Together with Consulting Editor, Dr. Alan Buchman, Dr. Parkman has created as state-of-the-art issue devoted to the modern technology and approaches for evaluation and treatment of GI motility. He has provided coverage for the esophagus, colon, small intestine, and gut. Leaders in the field have contributed the detailed clinical review articles on the following topics: Enhancing High Resolution Esophageal Manometry: Use of Impedance, multiple rapid swallows, Position change, Solid food boluses, and other techniques; EndoFLIP in the esophagus: Assessing sphincter function, wall stiffness, motility to guide treatments; Evaluation and Treatment of patients with persistent reflux symptoms despite PPI treatment; Esophageal Evaluation for Patients undergoing Lung Transplant Evaluation: What should we do for evaluation and management; Tailoring Endoscopic and Surgical Treatments for GERD; Endoscopic and Surgical Treatments for Achalasia: Who to treat and how; Enhancing Scintigraphy for evaluation of gastric, small bowel, colonic motility; Targeting treatment for gastroparesis: Use of clinical tests to guide treatments;
Gastrointestinal Motility Disorders—Henry P. Parkman 2007 This issue of Gastroenterology Clinics of North America is on Gastrointestinal Motility Disorders. GI motility disorders are common reasons for patients to see gastroenterologists. Knowledge of the pathophysiology, evaluation and treatment of these disorders is important to appropriately care for patients with gastrointestinal motility disorders in clinical practice. The chapters of this issue will discuss key aspects of gastrointestinal motility disorders focusing on how they relate to practicing gastroenterologists and other health care providers. Current knowledge in the area as well as evolving concepts from clinical investigations and translational research from basic sciences will be discussed. The rapid explosion of new technology used in the evaluation of patients will be covered.

Modern Approaches for Evaluation and Treatment of GI Motility Disorders, an Issue of Gastroenterology Clinics of North America, Volume 49-3—Henry P. Parkman 2020-12-28 Together with Consulting Editor, Dr. Alan Buchman, Dr. Parkman has created as state-of-the-art issue devoted to the modern technology and approaches for evaluation and treatment of GI motility. He has provided coverage for the esophagus, colon, small intestine, and gut. Leaders in the field have contributed the detailed clinical review articles covered in the following High Resolution Esophageal Manometry: Use of Implants, multiple rapid swallows, Position change, Solid food boluses, and other techniques; EndoFLIP in the esophagus: Assessing sphincter function, wall stiffness, motility to guide treatments; Evaluation and Treatment of patients with persistent reflux symptoms despite PPI treatment; Esophageal Evaluation for Patients undergoing Lung Transplant Evaluation: What should we do for evaluation and management; Tailoring Endoscopic and Surgical Treatments for GERD; Endoscopic and Surgical Treatments for Achalasia: Who to treat and how; Enhancing Scintigraphy for evaluation of gastric, small bowel, colonic motility; Targeting treatment for gastroparesis: Use of clinical tests to guide treatments; Endoscopic and Surgical Treatments for Gastroparesis: What to do and Whom to treat; Gastric Biopsies in Gastrroparesis: Insights to Gastric Neuromuscular Disorders to Help with treatment; SIBO: How to diagnose and treat (and then treat again); Assessing anorectal function in constipation and fecal incontinence: Treating chronic recurrent Abdominal Pain and IBS; and Refractory Chronic Constipation: How to evaluate and treat. Gastroenterologists will come away with the technical information they need to improve outcomes in their patients.

Evaluation of Gastrointestinal Motility and its Disorders—Uday C. Ghosal 2016-10-24 This multi-authored book covers most aspects of evaluation of gastrointestinal motility – a field that has been expanding in recent times largely due to advances in diagnostic modalities; coupled with this, new evidences supporting best practices have increased the interest among gastrointestinal clinicians, researchers, teachers and trainees in gastrointestinal motility and its disorders. New advances in the field of evaluation of functional bowel diseases and motility disorders, such as high-resolution manometry, 24-h pH impedance monitoring, Bravo capsule pHmetry, barostat, balloon expulsion test, barium and MR defecography, biofeedback, hydrogen breath tests, motility capsule (smartpill) etc. have significantly expanded the scope and outcome of treating these disorders. The chapters have been contributed by a well-conversant group of experts from the global academia, including India, Singapore, Thailand, Korea and Australia, integrating the body of knowledge on evaluation methods with evidence of best practices for the management of motility disorders. A chapter on how to set-up a manometry laboratory provides key information for clinicians and researchers who are planning to start working in this area. With 11 chapters in the book supported with numerous tables, flow charts, schematic diagrams and images, professionals will find it an essential reading.

Gastroprosopasis—Richard McCallum 2020-09-30 Gastroprosopasis: Pathophysiology, Clinical Presentation, Diagnosis and Treatment is a reference book providing a centralized source of data on gastroprosopasis collected over the last decade. Contents include the pathophysiology, clinical presentation, diagnostic recommendations and treatment options for gastroprosopasis. The reference is split into broad subsections, with the strategy of first focusing on the key features of the disease and then turning to controversies, recent developments, patient support resources, the spectrum of treatment - including medical and surgical - and future directions. Chapters will include coverage of important topics like autonomic neuropathy, the brain-gut axis, potential pathophysiological advances at the cellular level, diagnostic and therapeutic options specifically targeted at the pylorus, and the evaluation of the female pre-treat patients in gastroprosopasis. This is a must-have book in gastroprosopasis looking to find the next step in their research as well as healthcare professionals ranging from Gastroenterologists to Internists, Surgeons, Nutritionists, Psychiatrists, and Psychologists, Residents and Medical Students who struggle with how to optimally take care of their gastroprosopatic patients. Provides a comprehensive overview of what is known regarding the pathophysiology, clinical presentation, diagnostic considerations and treatment options for gastroprosopasis Includes key updates made in the last decade, including the progress made by the NIH. Gastroprosopasis Consortium Presents both sides of key controversies in the field, including the debate between classification of gastroprosopasis versus functional dyspepsia Fully reviews the major advances in pharmacologic agents for therapy, both anti-emetics and prokinetics Extensive update on the “Pyloric Revolution” and our understanding of the pathophysiology of gastroprosopasis and how the focus on the pylorus has literally transformed our treatment strategy with an emphasis on both surgical and endoscopic advances in addressing pyloric dysfunction

Gastrointestinal Physiology—Menzibeya Osain Welcome 2018-06-20 This book offers one of the most comprehensive reviews in the field of gastrointestinal (GI) physiology, guiding readers on a journey through the complete digestive tract, while also highlighting related organs and glandular systems. It is not solely concerned with the organ system physiology, and related disciplines like anatomy and histology, but also examines the molecular and cellular processes that keep the digestive system running. As such, the book provides extensive information on the molecular, cellular, tissue, organ, and system levels of functions in the GI system. Chapters on the roles of the gut as an endocrine, exocrine and neural organ, as well as its microbe functions, broaden readers’ understanding of the multi-organ networks in the human body. To help illustrate the interconnections between the physiological functions of the various parts, it outlines clinical presentations and their implications for the various conditions that link basic science with clinical practice in special “clinical correlates” sections. Covering both traditional and contemporary topics, it is a valuable resource for biomedical students, as well as healthcare and scientific professionals.

An Improved Foundation for the Investigation and Treatment of Gastric Dysrhythmia [PhD Thesis]—Gregory O’Grady 2012 Gastric motility disorders remain a complex clinical challenge, and inflict a substantial burden of cost and suffering on society. Gastric contractions are coordinated by an underlying electrical activity, and gastric dysrhythmias are implicated in the pathophysiology of several motility disorders. However, the significance of dysrhythmias remains uncertain, and there are few elective therapies, because current tools to...
investigate dysrhythmias have low reliability owing to their lack of spatial resolution. This thesis aimed to develop an improved foundation for the investigation and management of gastric dysrhythmia, by advancing and translating high-resolution (HR; multi-electrode) spatiotemporal mapping. The research is a cross-disciplinary program of bioengineering, and basic and clinical electrophysiology. A range of HR mapping devices are first developed and validated for intra-operative gastric mapping, including at open and laparoscopic surgery. Automated signal processing tools are next validated for the efficient, reliable marking, grouping, and mapping of slow wave events, and these tools are integrated into an intuitive software platform. These methodological advances are then applied in a series of experimental studies. The origin and propagation of porcine gastric slow wave activity is defined, followed by clinical translation with the first spatiotemporal analysis of normal human gastric slow wave propagation. The methods are then applied to define new patterns and mechanisms of gastric dysrhythmia, initially in a porcine model, including the first demonstration of how rapid, high-amplitude circumferential propagation emerges during dysrhythmias. The first clinical study applying HR electrical mapping is then presented, performed on a cohort of patients with diabetic and idiopathic gastroparesis, revealing new patterns of human dysrhythmia. A new classification scheme for abnormalities of human gastric slow wave initiation and conduction is proposed. Finally, the evidence for high-frequency gastric electrical stimulation is reviewed, prior to the presentation of a new ‘entrainment mapping’ method for better assessing gastric pacing protocols. In total, this work constitutes a coordinated series of advances that offer a strengthened foundation for investigating and managing gastric electrical abnormalities. It is hoped that these new methods and findings will translate into future clinical advances, to improve the diagnosis and treatment of these complex patient populations.

Dysphagia Management in Head and Neck Cancers-Krishnakumar Thakappan 2018-10-11 Dysphagia and problems related to swallowing are common following treatment for head and neck cancers. Though there are books available on dysphagia management and associated neurological conditions, this is the only atlas that comprehensively discusses dysphagia related to the head and neck cancers. It comprises of 33 chapters divided into five sections. The initial chapters present the anatomy and physiology of swallowing and the pathophysiology of the dysphagia-related structures. It discusses assessment of dysphagia in detail, highlighting clinical and instrumental evaluations. Swallowing dysfunction related to common sub-site cancers and chemoradiotherapy related dysphagia are also addressed. The book addresses dysphagia after surgery and treatment related to tracheostomy that have a great bearing on the day-to-day management of patients with dysphagia. The current status of the research and evidence-based management updates are also included. Additionally, where appropriate videos are included for a better understanding of the subject. Written and edited by experts in the field, the book is intended for clinicians treating head and neck cancers, radiation oncologists, speech and swallowing therapy specialists and trainees in these fields

The SAGES Manual of Foregut Surgery-Jayleen Grams 2019-04-12 The field of benign foregut surgery continues to evolve with diagnostic methods and treatment modalities. The book lays the foundation in understanding the foregut through review of the anatomy and physiology, followed by subsequent chapters focusing on the diagnosis and management of specific benign diseases of the foregut: gastroesophageal reflux disease and diaphragmatic hernia, Barrett’s esophagus, disorders of esophageal dysmotility, benign esophageal and gastric tumors, peptic ulcer disease and gastric outlet obstruction, and gastraparesis. Written by experts, each of these sections addresses the evaluation and management of the disease process, technical conduct of the most common foregut surgical procedures, and postoperative management of complications and revisional operations. Additionally, expert commentary will serve to highlight and clarify controversies in the field. The SAGES Manual of Foregut Surgery provides a comprehensive, state-of-the art review and will serve as a valuable resource for clinicians and surgeons.

Practical Gastroenterology and Hepatology Board Review Toolkit-Kenneth R. DeVault 2016-07-14 Packed with Board-focused hints, case studies and an onlineBoard-standard MCQ test offering CME credits, this fantastic bookcovers every gastroenterology disease and symptom you’re likely to encounter and is the perfect tool to prepare for Boardexams and certification.

Blackwell’s Five-Minute Veterinary Consult: Laboratory Tests and Diagnostic Procedures-Shelly L. Vaden 2011-06-20 Blackwell’s Five-Minute Veterinary Consult: Laboratory Tests and Diagnostic Procedures: Canine and Feline is a comprehensive, one-stop reference text on diagnostic skills used daily in treating dogs and cats. Chapters cover more than 275 procedures and tests, including blood, urine, and fecal tests and radiographic, ultrasonic, and endoscopic procedures. Each topic, written by an expert in the field, provides essential information on related physiology, indications, contraindications, potential complications, and client education. The uniform presentation of information, arranged alphabetically from abdominal radiographs to zinc tests, allows the reader to gain easy access to vital information, making this an ideal reference to be used in a clinical setting.

Diagnostic and Therapeutic Procedures in Gastroenterology-Subbaramah Sridhar 2018-02-01 This new edition provides a comprehensive overview of procedures for the gastrointestinal tract. The volume describes the indications, contraindications, and precise method of a procedure, under normal anatomical conditions and when the gastrointestinal tract is surgically altered. In addition to revised chapters from the previous edition, the latest edition features new chapters that cover such topics as endoscopic accessories, cleaning and disinfecting gastrointestinal endoscopes, tissue sampling, removal of foreign bodies, and confocal endoscopy and robotic endoscopy. Each chapter is also accompanied by photographs, diagrams, tables, and algorithms to precisely and easily display complex information. Written by leading authorities from around the globe, Diagnostic and Therapeutic Procedures in Gastroenterology: An Illustrated Guide, Second Edition is a valuable resource for gastroenterologists, primary care physicians, and gastroenterology fellows in training who treat and manage patients with gastrointestinal disorders.

The Clinician’s Guide to Acid/peptic Disorders and Motility Disorders of the Gastrointestinal Tract-Henry P. Parkman 2006 A practical guide that allows access to the advances made in recent years in acute treatment and maintenance therapy. The authors have written a unique reference for the management of patients with these gastrointestinal disorders. Comprehensive and user-friendly, the topics covered in the treatment of acid, peptic disorders and motility disorders range from daily medication to on-demand programs. Highlights clinical advances made in the care of patients, including a focus on symptoms, causes, evaluation, and treatment. As part of "The Clinician’s Guide to GI" Series, this text serves as a concise reference that allows clinicians to quickly access and evaluate the necessary information for treating and managing patients with acid/peptic and motility disorders.

The Netter Collection of Medical Illustrations: Digestive System: Part I - The Upper Digestive Tract E-Book-James C. Reynolds 2016-03-24 Upper Digestive Tract, 2nd Edition, part 1 in the 3-Book Digestive System volume, provides a concise and highly visual approach to the basic sciences and clinical pathology of the mouth, pharynx, esophagus and stomach. This book in The Netter Collection of Medical Illustrations (the CIBA “Green Books”) has been expanded and revised to capture current perspectives in gastroenterology - from normal anatomy and physiology through pathophysiology, diagnostics and treatment. Radiologic and pathologic images complement the classic Netter illustrations, as well as new illustrations. Highlights include neurophysiology and electrical physiology of normal gastric function and disease, Barrett’s esophagus, eosinophilic esophagus, and imaging and physiologic complexities of swallowing. Gain a rich, comprehensive overview of the upper digestive tract by seeing classic Netter illustrations side by side with cutting-edge radiologic and endoscopic images. Explore key topics in gastroenterology, including tumors of salivary glands, microbiota, diagnostic aids, and postgastrectomy complications. See modern issues in digestive health and disease (bariatric surgery, IBS, and GERD) captured in the visually rich Netter artistic tradition via contributions from artists working in the Netter style. Get complete, integrated visual guidance on the mouth, pharynx, esophagus and stomach in a single source, from basic sciences and normal anatomy and function through pathologic conditions. Benefit from the knowledge of a team of renowned clinicians and scientists.

Blackwell’s Five-Minute Veterinary Consult: Laboratory Tests and Diagnostic Procedures-Larry P. Tilley 2021-03-11 The latest version on latest advances in disease and clinical problems in dogs and cats Blackwell’s Five-Minute Veterinary Consult: Canine and Feline, 7th Edition
Living Related Transplantation-Nadey S. Hakim 2010 The book is designed to highlight recent updates in living related transplants, with chapters by leaders in the different types of transplantation. There are very few texts that tackle living donor liver, lung, pancreas and intestinal transplantation as well as the connected ethical issues. With some color photographs illustrating procedures, this concise book will be a valuable resource for students or professionals interested in developing a global view of the ethics and practice of transplantation.

Integrative Gastroenterology-Gerard E. Mullin 2019-10-17 Digestive complaints have become increasingly common. Recent statistics show that gastrointestinal complaints account for nearly a third of all visits to primary care doctors and that nearly one in two Americans suffer from digestive disease. Millions more suffer from conditions such as migraine headaches, arthritis, mood disorders, chronic fatigue, asthma, allergies, and menstrual dysfunction, which are all related to a disorder in digestive health. Despite the evidence in support of integrative approaches to treatment and prevention of digestive symptoms, these approaches are largely overlooked in treating gastrointestinal disorders. Rather, treatment plans tend to be exclusively pharmacologically based and have appreciable toxicity. Integrative Gastroenterology, Second edition, is a comprehensive guide to helping health care practitioners understand and appreciate how to manage patients with gastrointestinal conditions integrating conventional and complimentary approaches. This text reviews the latest advances in science and research with regards to the gut microbiome, physiology, and interconnections between the gut and other organ systems. Coverage includes a diverse range of treatment methods, such as probiotics, meditation, massage, yoga, supplements, special diets, energy medicine, homeopathy, and acupuncture, as well as a special section devoted to mind-body medicine in digestive health and disease. In discussing unconventional treatments, the authors address many of the controversies that surround the remedies.

Progress in Medicinal Chemistry- 1990-01-01 There are five main subject areas in this volume in the series on medicinal chemistry. The first is a review of the understanding of Alzheimer's disease and the development of drugs for its treatment, the second, looking at recent efforts in modifying a naturally occurring anticancer (camptothecin) for chemotherapy; the third covers the problem of getting a drug to a specific site within the context of phosphates and phosphonates; a survey of sterilization using aldehydes for the destruction of microbes both inside and outside the human body is reviewed in the fourth; and the last chapter is an account of the progress made in the biologically active enantiomer for complex synthetic asymmetric drug molecules.

Gut Feelings: Disorders of Gut-Brain Interaction and the Patient-Doctor Relationship-Douglas A. Drossman, MD 2020-06-01 This book is written for patients and their doctors by an internationally acclaimed gastroenterologist and patient advocate. It contains up-to-date knowledge on the science, diagnosis, and treatment of all the Disorders of Gut-Brain Interaction (formerly called Functional GI Disorders) and offers techniques to maximize the patient-doctor relationship.

Gastroenterology and Hepatology-Gabriele Bianchi Porro 1999 This practical text aims to provide doctors, practitioners and students with a clear guide to patient care in the fields of gastroenterology and hepatology. It includes chapters on gallstones and other diseases of the biliary tract with descriptions of diseases not common to the USA or UK.

Mayo Clinic Illustrated Textbook of Neurogastroenterology-Michael Camilleri 2021 Using relatively limited text content and preferentially showing the physiological, clinical and therapeutic principles with illustrations and real case studies from Mayo Clinic, this book will be unique among text books dealing with gastrointestinal motility disorders which constitute 40% of the patients seen in clinical practice by gastroenterologists.

Gastroenterological Endoscopy-Michael B. Wallace 2018-01-24 Praise for the previous edition: "Extraordinary achievement… this volume stands on its own as a marvelous tool in bringing such a vast array of clear and coherent instruction to endoscopists at all skill levels."—Gastroenterology Written and edited by internationally renowned specialists, the third edition of Gastroenterological Endoscopy covers the entire spectrum of diagnostic and therapeutic procedures for the upper and lower GI tract while providing the latest overview of GI disorders. A great wealth of high-resolution photographs provides the visual information needed to confidently assess and diagnose mucosal lesions of the entire digestive tract. Significant advances in the field—both medical and technical—since the last edition are covered in comprehensive detail. Key Features: New panel of top international editors, continuing the tradition of excellence, depth, and breadth as originated by founding editors Classen, Tytgat, and Lightdale; list of contributing authors is a "who's who" of GI endoscopy Coverage of newest, advanced tools and techniques: gastric-POEMS, submucosal tunnel endoscopic resection (STER), lumen-apposing metal stents, "over-the-scope" clips, and much more More than 1,500 exquisite images Gastroenterological Endoscopy, third edition, surely deserves a prominent place in any complete endoscopy reference collection.

Encyclopedia of Gastroenterology: 2019-11-06 Encyclopedia of Gastroenterology, Second Edition provides a comprehensive and concise reference on all aspects of gastroenterology and hepatology, including the organs in the gastrointestinal system, their functions in health and disease, and strategies or procedures to resolve or prevent problems and disease. This concise, up-to-date information includes comprehensive sections on the impact of nutrition, gastrointestinal microbiota, lifestyle, commonly used drugs, and surgical procedures on health and disease. Since the first edition, attention to the roles of nutrition and gastrointestinal microorganisms (microbiota, formerly Microbiota) in health and disease has skyrocketed. In addition, an entirely new section on obesity and diabetes is included. Presents comprehensive coverage of every topic within gastroenterology Offers researchers a one-stop, fully-referenced resource to explore questions Includes teaching tools, multimedia and interactive elements Provides readers with multi-layered content and a media-rich learning resource for both instructors and students Covers hot new topics in GI health and disease, including new sections on stem cells, intestinal bacteria, obesity and intestinal microbiota.

Walker's Pediatric Gastrointestinal Disease-Ronald E. Kleinman 2018-06-04