

Ct Of The Acute Abdomen Medical Radiology

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Tutorials in Diagnostic Radiology for Medical Students - Ciaran E. Redmond 2020-01-09

This book provides a practical guide to diagnostic radiology, with each chapter presenting a case-based tutorial that illustrates a specific aspect of diagnostic radiology required for undergraduate study. In addition, it discusses and assesses issues concerning basic principles in diagnostic radiology, imaging of head trauma, non-traumatic neurological emergencies, chest radiographs, pediatric radiology, and emerging radiological technologies. Tutorials in Diagnostic Radiology for Medical Students is intended as a self-study guide, and offers a valuable asset for medical students and trainee radiologists, as well as educators.

Imaging in Abdominal Surgery E-Book Michael P. Federle 2019-05-29

Authored by experienced radiologists and surgeons, *Imaging in Abdominal Surgery*, by Drs. Michael P. Federle and James Lau, is a unique reference specially tailored to meet the needs of today's general surgeons. This one-stop resource provides high-quality visual information to help guide clinical diagnosis, surgical planning, and postoperative evaluation. Ideal for surgeons at all levels of expertise, it contains pertinent cross-sectional imaging anatomy as well as the principles underlying the optimal selection of imaging modalities and protocols. Provides thorough coverage of abdominal radiology especially relevant to general surgeons, including important diagnoses, radiology background and terminology, normal imaging anatomy, and easy-to-understand captions with just the right amount of detail. Covers key topics such as imaging evaluation of blunt and penetrating trauma, imaging evaluation of the "acute abdomen," and optimal pre- and postoperative evaluation for esophageal cancer, bariatric, and antireflux surgery. Features a consistent, bulleted format highlighted by abundant multi-modality images of the adult GI tract, all designed for quick reference at the point of care. Details how to choose among different imaging tests in evaluating specific clinical situations, including the strengths and weaknesses of those tests.

Diseases of the Abdomen and Pelvis 2018-2021 - Juerg Hodler 2018-03-20

This open access book deals with imaging of the abdomen and pelvis, an area that has seen considerable advances over the past several years, driven by clinical as well as technological developments. The respective chapters, written by internationally respected experts in their fields, focus on imaging diagnosis and interventional therapies in abdominal and pelvic disease; they cover all relevant imaging modalities, including magnetic resonance imaging, computed tomography, and positron emission tomography. As such, the book offers a comprehensive review of the state of the art in imaging of the abdomen and pelvis. It will be of interest to general radiologists, radiology residents, interventional radiologists, and clinicians from other specialties who want to update their knowledge in this area.

Basic Radiology, Second Edition - Michael Chen 2010-08-27

A well-illustrated, systems-based primer on learning radiologic imaging. Basic Radiology is the easiest and most effective way for medical students, residents, and clinicians not specializing in radiologic imaging to learn the essentials of diagnostic test selection, application, and interpretation. This trusted guide is unmatched in its ability to teach you how to select and request the most appropriate imaging modality for a patient's presenting symptoms and familiarize yourself with the most common diseases that current radiologic imaging can best evaluate. Features: More than 800 high-quality images across all modalities. A

logical organ-system approach. Consistent chapter presentation that includes: ---Recap of recent developments in the radiologic imaging of the organ system discussed ---Description of normal anatomy ---Discussion of the most appropriate imaging technique for evaluating that organ system ---Questions and imaging exercises designed to enhance your understanding of key principles. Brief list of suggested readings and general references. Timely chapter describing the various diagnostic imaging techniques currently available, including conventional radiography, nuclear medicine, ultrasonography, computed tomography, and magnetic resonance imaging. An important chapter providing an overview of the physics of radiation and its related biological effects, ultrasound, and magnetic resonance imaging.

Step by Step in Emergency Radiology: Helical CT in Acute Abdomen - Arjun Kalyanpur 2006-01-01

Emergency Radiology of the Abdomen - Mariano Scaglione 2012-03-02

This comprehensive review of the etiology, pathophysiology and clinical presentation of acute abdominal conditions focuses on imaging features that are relevant to a timely management approach. Includes high-quality images, diagrams and easy-to-read tables.

Diagnostic Imaging - Michael P. Federle 2004

Designed to be a single source of guidance on diagnostic imaging of the abdomen. It presents more details for each diagnosis, more representative images, more case data and more current references than any other reference tool. Covers the top diagnoses in abdominal imaging, including both common and uncommon entities and provides exquisitely reproduced imaging examples for every diagnosis, plus concise, bulleted summaries of terminology, imaging findings, key facts, differential diagnosis, pathology, clinical issues, a diagnostic checklist, and selected references.

Small-Bowel Obstruction Roberto Di Mizio 2007-08-09

The aim of this radiological atlas is to connect pathophysiology to imaging using many illustrations and examples, emphasizing the capabilities and limitations of multidetector computed tomography and its role in the correct management approach to these disorders. Furthermore, the place of allied imaging modalities (plain film and ultrasound) in the clinical algorithm is comprehensively illustrated.

Spiral CT of the Abdomen - F. Terrier 2000

The advent of spiral CT has led to a breakthrough in abdominal imaging. This illustrated volume, written by US and European experts in the field, provides technical information on the modality and considers the key pathologies of each abdominal organ system in which spiral CT has resulted in major diagnostic improvements.

Diagnostic Imaging of the Acute Abdomen Dieter Beyer 2011-11-17

The acute abdomen is one of the most frequent, most dangerous and most difficult problems that the diagnostic radiologist has to deal with. This comprehensive manual presents a clinico-radiologic approach to the use of diagnostic imaging techniques for acute abdominal conditions. Imaging techniques, radiologic symptoms and clinical conditions are treated separately. This lucid format, together with a detailed subject index, offer the reader a quick and reliable reference aid in daily practice. The text is clearly structured and concise in style, and provides helpful practical hints, including discussion of diagnostic pitfalls. It is

supported by a wealth of illustrations covering native diagnosis, ultrasonography, computer tomography and angiography.

Multislice-CT of the Abdomen - Christoph Johannes Zech 2012-04-28

This book provides a lucid summary of modern multislice CT imaging of the abdomen, with a focus on the essential imaging findings. After a concise technical introduction, the most important abdominal diseases are described and illustrated with high-quality images. Sections are devoted to the liver and biliary system, the pancreas and spleen, the kidneys and urogenital system, and the bowel and peritoneal cavity.

Throughout, key differential diagnostic features are highlighted. The editorial team is composed of internationally renowned radiologists from Europe and the United States, and all chapters have been written by recognized experts in the topic under consideration. Multislice CT of the Abdomen will serve as an excellent reference for radiologists participating in further professional training and will prove an ideal source of information for all who wish to deepen their personal knowledge of the subject.

The Acute Abdomen, An Issue of Radiologic Clinics of North America - Richard M. Gore 2016-01-07

Dr. Robert Gore (co-editor of Textbook of Gastrointestinal Radiology) has assembled an expert panel of authors on the topic of The Acute Abdomen. Articles will include: Evaluating the patient with right upper quadrant pain; Evaluating the patient with left upper quadrant pain; Evaluating the patient with right lower quadrant pain; Evaluating the patient with left lower quadrant pain; Acute pancreatitis; Acute disorders of the abdominal aorta; Bowel obstruction; Bowel ischemia; Acute infectious and inflammatory enterocolitides; Acute urinary tract disorders; Acute gynecologic disorders; Evaluating the acute abdomen in the pregnant patient; MR evaluation of the acute, non-traumatic abdomen in adolescents and adults; and more!

CT Scan in Abdominal Emergency Surgery - Fausto Catena 2018-06-26

This book focuses on the diagnostic impact of CT scans in severe abdominal trauma and in non-traumatic acute abdomen, the two clinical entities that constitute the main reasons for referrals for this imaging technique from the intensive care unit. The concept behind it is that emergency surgeons and physicians not only need the clinical knowledge to manage the different pathological conditions, but that they must also have a full understanding of diagnostic imaging modalities. To this end, each chapter includes a description of a specific acute abdominal disorder. In addition to the clinical presentation and the diagnosis and management guidelines, there is a special focus on imaging studies with clear and concise descriptions, high-quality images and the evolution grading scale to aid interpretation. This easy-to-read book is an ideal source of practical information for acute care surgeons, radiologists and for all the members of the emergency team.

Emergency Radiology - Ajay Singh 2017-10-28

In the emergency and trauma setting, accurate and consistent interpretation of imaging studies are critical to the care of acutely ill and injured patients. This book offers a comprehensive review of acute pathologies commonly encountered in the emergency room as diagnosed by radiologic imaging. It is organized by anatomical sections that present the primary ER imaging areas of the acute abdomen, pelvis, thorax, neck, head, brain and spine, and osseous structures. For each section, the common diagnoses are concisely described and are accompanied by relevant clinical facts and key teaching points that emphasize the importance of radiologic interpretation in clinical patient management. The role of modalities such as plain radiography, computed tomography, ultrasound, magnetic resonance imaging, and nuclear medicine imaging in managing emergency conditions is highlighted. The Second Edition is thoroughly updated and includes over 400 images and multiple choice questions in each chapter. Emphasizing the core concepts in emergency radiology, this book is a valuable resource for radiologists, residents, and fellows.

Abdominal Imaging E-Book - Dushyant V Sahani 2016-06-25

Richly illustrated and comprehensive in scope, Abdominal Imaging, 2nd Edition, by Drs. Dushyant V. Sahani and Anthony E. Samir, is your up-to-date, one-volume source for evaluating the full range of diagnostic, therapeutic, and interventional challenges in this fast-changing field. Part of the Expert Radiology series, this highly regarded reference covers all modalities and organ systems in a concise, newly streamlined format for quicker access to common and uncommon findings. Detailed, expert guidance, accompanied by thousands of high-quality digital images, helps you make the most of new technologies and advances in abdominal imaging. Offers thorough coverage of all diagnostic modalities for abdominal imaging:

radiographs, fluoroscopy, ultrasound, CT, MRI, PET and PET/CT. Helps you select the best imaging approaches and effectively interpret your findings with a highly templated, well-organized, at-a-glance organization. Covers multi-modality imaging of the esophagus, stomach, small bowel, colon, liver, pancreas, gall bladder, bile ducts, spleen, pelvic lymph nodes, kidneys, urinary tract, prostate, and peritoneum. Includes new chapters on esophageal imaging; 5RECIST, WHO, and other response criteria; and a new section on oncologic imaging. Keeps you up to date with the latest developments in image-guided therapies, dual-energy CT, elastography, and much more. Features more than 2,400 high-quality images, including 240 images new to this edition.

Emergency Radiology - Ajay Singh 2015-06-06

In the emergency and trauma setting, accurate and consistent interpretation of imaging studies are critical to the care of acutely ill and injured patients. Emergency Radiology: Imaging of Acute Pathologies is a comprehensive review of radiological diagnoses commonly encountered in the emergency room by radiologists, residents, and fellows. The book is organized by anatomical sections that present the primary ER imaging areas of the acute abdomen, pelvis, thorax, neck, head, brain and spine, and osseous structures. For each section, the common diagnoses are concisely described and are accompanied by relevant clinical facts and key teaching points that emphasize the importance of radiological interpretation in clinical patient management. The role of modalities such as plain radiography, CT, ultrasound, MR, and nuclear medicine imaging in managing emergency conditions is highlighted.

Diagnostic Imaging of the Acute Abdomen - Dieter Beyer 2012-12-06

The acute abdomen is one of the most frequent, most dangerous and most difficult problems that the diagnostic radiologist has to deal with. This comprehensive manual presents a clinico-radiologic approach to the use of diagnostic imaging techniques for acute abdominal conditions. Imaging techniques, radiologic symptoms and clinical conditions are treated separately. This lucid format, together with a detailed subject index, offer the reader a quick and reliable reference aid in daily practice. The text is clearly structured and concise in style, and provides helpful practical hints, including discussion of diagnostic pitfalls. It is supported by a wealth of illustrations covering native diagnosis, ultrasonography, computer tomography and angiography.

Emergency Radiology COFFEE Case Book - Bharti Khurana 2016-04-07

Emergency radiology requires consistent, timely, and accurate imaging interpretation with the rapid application of clinical knowledge across many areas of radiology practice that have traditionally been fragmented by organ system or modality divisions. This text unifies this body of knowledge into an educational resource capturing the core competencies required of an emergency radiologist. This book of 85 index cases is organized by clinical presentations that simulate real-life radiology practice in the emergency department. Companion cases spanning the differential diagnoses and spectrum of disease provide hundreds more examples for a fast, focused and effective education called COFFEE (Case-Oriented Fast Focused Effective Education). This text can serve as a 'go to' resource for radiologists, as well as any other physicians working in the emergency department. It will be an excellent companion for radiologists preparing for initial board certification or re-certification by the American Board of Radiology.

Grainger & Allison's Diagnostic Radiology: Abdominal Imaging - Michael Maher 2015-11-24

The 20 chapters in this book have been selected from the contents of the Abdominal Imaging section in Grainger & Allison's Diagnostic Radiology 6e. These chapters provide a succinct up-to-date overview of current imaging techniques and their clinical applications in daily practice and it is hoped that with this concise format the user will quickly grasp the fundamentals they need to know. Throughout these chapters, the relative merits of different imaging investigations are described, variations are discussed and recent imaging advances are detailed.

MDCT and MR Imaging of Acute Abdomen - Michael Patlas 2018-04-27

This superbly illustrated book describes a comprehensive and modern approach to the imaging of abdominal and pelvic emergencies of traumatic and non-traumatic origin. The aim is to equip the reader with a full understanding of the roles of advanced cross-sectional imaging modalities, including dual-energy computed tomography (DECT) and magnetic resonance imaging (MRI). To this end, recent literature on the subject is reviewed, and current controversies in acute abdominal and pelvic imaging are discussed.

Potential imaging and related pitfalls are highlighted and up-to-date information provided on differential diagnosis. The first two chapters explain an evidence-based approach to the evaluation of patients and present dose reduction strategies for multidetector CT imaging (MDCT). The remaining chapters describe specific applications of MDCT, DECT, and MRI for the imaging of both common and less common acute abdominal and pelvic conditions, including disorders in the pediatric population and pregnant patients. The book will be of value to emergency and abdominal radiologists, general radiologists, emergency department physicians and related personnel, general and trauma surgeons, and trainees in all these specialties.

Essential Radiology Review - Adam E. M. Eltorai 2019-12-18

The book is an on-the-spot reference for residents and medical students seeking diagnostic radiology fast facts. Its question-and-answer format makes it a perfect quick-reference for personal review and studying for board examinations and re-certification. Readers can read the text from cover to cover to gain a general foundation of knowledge that can be built upon through practice or can use choice chapters to review a specific subspecialty before starting a new rotation or joining a new service. With hundreds of high-yield questions and answer items, this resource addresses both general and subspecialty topics and provides accurate, on-the-spot answers. Sections are organized by subspecialty and body area, including chest, abdomen, and trauma, and chapters cover the anatomy, pathophysiology, differential diagnosis, hallmark signs, and image features of major diseases and conditions. Key example images and illustrations enhance the text throughout and provide an ideal, pocket-sized resource for residents and medical students.

Imaging Non-traumatic Abdominal Emergencies in Pediatric Patients - Vittorio Miele 2016-11-09

This book provides up-to-date, comprehensive, and accurate information on the diagnostic imaging of nontraumatic abdominal emergencies in pediatric patients. All of the most common neonatal and pediatric emergencies are covered, with separate discussion of diseases that occur more commonly in newborns and those typically encountered later in childhood. For each condition, the main signs observed using the various imaging techniques - X-ray, Ultrasonography, Computed Tomography, and Magnetic Resonance - are described and illustrated with the aid of a wealth of images. Attention is drawn to those features of particular relevance to differential diagnosis, and the prognostic value of diagnostic imaging is also explained. The final section addresses topics of special interest, including the acute onset of abdominal neoplasms, the problems associated with radiation protection in the emergency setting, and medicolegal issues and informed content. The book will be of value for all radiologists working in emergency settings in which pediatric patients (newborn and children accessing the emergency department) are regularly examined.

Diseases of the Abdomen and Pelvis - G.K.von Schultess 2012-12-06

This syllabus provides a wide overview of the latest developments in diagnostic work and intervention in diseases of the abdomen and pelvis. In addition to conventional diagnostic radiology, special procedures such as US, CT, MRI, nuclear medicine and interventional techniques are discussed.

CURRENT Diagnosis and Treatment Surgery: Thirteenth Edition - Gerard Doherty 2009-08-20

To-the-point information on more than 1000 diseases and disorders surgeons are most likely to encounter. The leading single-source surgery book for house-staff, students, practitioners, and surgeons. A Doody's Core Title for 2011! "This is an excellent source of updated, authoritative, and concise information on diseases encountered in general surgery and the surgical subspecialties of otolaryngology, urology, gynecology, orthopedics, plastic and reconstructive surgery, and pediatrics....This is a wonderful resource for all levels of surgical practitioners as well as nonsurgical practitioners. In my experience, it has provided me with a framework to prepare for both oral and written boards. 3 Stars."--Doody's Review Service. Authoritative, concise, and completely up-to-date, CURRENT Diagnosis & Treatment Surgery features: Wide-ranging coverage that encompasses general surgery and all the important subspecialties including otolaryngology, urology, gynecology, orthopedics, plastic and reconstructive surgery, and pediatrics. References linked to recent journal articles. Logical quick-find organization made even more accessible by a comprehensive index. More than 600 informative photographs and illustrations. Detailed treatment algorithms. NEW CD-ROM with content from Quick Answers: Surgery to speed diagnosis of symptoms and signs. NEW Chapter on Training, Communication, Professionalism, and Systems-Based Practice. Completely rewritten chapters on Wound Healing, Anesthesia, Otolaryngology/Head & Neck Surgery, The Heart,

Neurosurgery, Gynecology, and Orthopedics

Emergency Radiology of the Abdomen - Mariano Scaglione 2012-02-21

The term "acute abdomen" refers to a serious, often progressive clinical situation that calls for immediate diagnostic and therapeutic action. Today, diagnosis via imaging has basically replaced the physical examination in the emergency room and the Radiologist has become of primary importance in this setting. However, close co-operation among the various specialists involved is essential for successful patient management, and thus the Radiologist needs to have a full understanding of the imaging modalities and technical skills required, as well as appropriate clinical knowledge of the disorder in order to manage the condition. This book provides a comprehensive review of the multifaceted etiology, pathophysiology and clinical presentation of acute abdominal conditions, focusing on the imaging features that are relevant to a timely management approach. Numerous high-quality images, diagrams and easy-to-read tables are provided.

Ultrasound of the Gastrointestinal Tract - Giovanni Maconi 2013-09-21

This is the second, updated and extended edition of a well-received book that offers a comprehensive overview of ultrasonographic imaging of acute and chronic gastrointestinal diseases, including acute abdomen, appendicitis, diverticulitis, inflammatory bowel diseases, neoplasms and masses, infections, malabsorption syndromes, and rare conditions. The value of ultrasound in each disorder is clearly explained and illustrated, and limitations identified. Information is also provided on recent technical developments and ultrasound applications that are likely to become of increasing importance, such as functional and 3D ultrasound, contrast agents and intraoperative ultrasound, elastography, and transperineal ultrasound. The authors are all distinguished experts in the topics they address. *Ultrasound of the Gastrointestinal Tract* will be a helpful guide in daily practice not only for radiologists but also for gastroenterologists, abdominal surgeons, pediatricians, and oncologists.

Diagnosis of Acute Abdominal Pain - F. T. De Dombal 1991

This revised and expanded edition deals with the diagnosis of acute abdominal pain. Topics covered include perforated peptic ulcer and acute pancreatitis, a revision of the physical examination, acute abdominal pain in children, and urinary tract problems.

Imaging Acute Abdomen in Children - Fred E. Avni 2017-11-07

This book aims to equip readers with a sound understanding of the imaging strategies that are appropriate in children with acute abdominal conditions. The starting points are the clinical conditions, which are outlined in an introduction presented by pediatrician experts in emergency medicine, and the age groups, with differentiation of children and infants from neonates. The various conditions and their frequency are documented in detail, with clear description and illustration of the presentations on different imaging modalities. A large majority of the included images are from recent examinations and have been obtained using the most up-to-date techniques. The therapeutic impact of imaging is also explained, and the coverage is completed with helpful decision trees and tables of differential diagnosis. At the end of each chapter a concise resume underlines the main points. *Imaging Acute Abdomen in Children* will be of value for pediatric and general radiologists, radiologists in training, pediatricians, pediatric surgeons, emergency pediatricians, and others with an interest in the subject.

Teaching Atlas of Abdominal Imaging - Mukesh G. Harisinghani 2011-01-01

Teaching Atlas of Abdominal Imaging is a case-based reference covering the full spectrum of common and uncommon problems of the gastrointestinal and genitourinary tract encountered in everyday practice. The book organizes cases into sections based on the anatomic location of the problem. Each chapter provides succinct descriptions of clinical presentation, radiologic findings, diagnosis, and differential diagnosis for the case. The chapter then discusses the background for each diagnosis, clinical findings, common complications, etiology, imaging findings, treatment, and prognosis. Key features: Succinct text and consistent presentation in each chapter enhance the ease of use. Practical discussion of all current imaging modalities. Nearly 550 high-quality images demonstrate key concepts. Bulleted lists of pearls and pitfalls at the end of each chapter highlight important points. An appendix with 64-slice protocols for various CT scans, such as dual-phase liver and pancreatic scans. Ideal for both self-assessment and rapid review, this book is a valuable resource for radiologists, gastrointestinal and genitourinary radiologists, and fellows and

residents in these specialties.

Clinical Emergency Radiology - J. Christian Fox 2017-03-16

A clinician's visual guide to choosing image modality and interpreting plain films, ultrasound, CT, and MRI scans for emergency patients.

MDCT - Mannudeep K. Kalra 2009-11-16

"MDCT: From Protocols to Practice" tackles contemporary and topical issues in MDCT technology and applications. As an updated edition of MDCT: A Practical Approach, this volume offers new content as well as revised chapters from the previous volume. New chapters discuss important topics such as imaging of children and obese subjects, the use of contrast medium in pregnant women, coronary MDCT angiography, and PET/CT in abdominal and pelvic malignancies. Furthermore an Appendix with over 50 updated MDCT scanning protocols completes this publication. The book emphasizes the practical aspects of MDCT, making it an invaluable source of information for radiologists, residents, medical physicists, and radiology technologists in everyday clinical practice.

Diseases of the abdomen and Pelvis - J. Hodler 2007-05-10

Written by internationally renowned experts, this is a collection of chapters dealing with imaging diagnosis and interventional therapies in abdominal and pelvic disease. The different topics are disease-oriented and encompass all the relevant imaging modalities including X-ray technology, nuclear medicine, ultrasound and magnetic resonance, as well as image-guided interventional techniques. This condensed overview of twenty relevant topics in abdominal and pelvic disease is written for residents in radiology and experienced radiologists.

Abdominal Imaging - Manjiri Dighe 2021-02-25

Master the critical imaging content you need to know with this newly consolidated title in the popular Case Review series. Abdominal Imaging offers a highly illustrated, case-based preparation for board review to help residents and recertifying radiologists succeed on exams, demonstrate a clinical understanding of gastrointestinal and genitourinary imaging, and improve imaging accuracy and interpretation. Cases include both common and difficult-to-diagnose disorders including gallbladder diseases, pancreatitis and pancreatic masses, staging and identification of gynecologic malignancies, fluoroscopy findings in GI and GU diseases, and much more. Presents more than 160 high-yield case studies organized by level of difficulty, helping you build your knowledge and confidence in stages. Includes more than 650 multiple-choice questions, answers, and rationales that mimic the format of certification exams. Uses short, easily digestible chapters covering the full range of abdominal imaging for efficient, effective learning and exam preparation. Features 700+ high-quality, full-color images spanning the GI and GU systems and pertinent patient cases reflecting current abdominal radiology practice. Images include fluoroscopy and plain films, computed tomography, and magnetic resonance imaging, with coverage of key areas such as prostate MRI and rectal MRI, CT enterography, liver CT and MRI, and renal masses on CT and MRI. Consolidates topics covered in Gastrointestinal Imaging: Case Review and Genitourinary Imaging: Case Review into a single, convenient resource.

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Emergency Radiology - Mayil S. Krishnam 2010

"This book is intended to be a quick reference handbook in every radiology and A&E department globally. It covers a wide range of emergencies and specifically targets on-call radiologists and trainees who deal with these emergencies. We feel that this guide in emergency radiology will be very useful for all radiologists

who want to regain or retain their skills and confidence in acute care imaging"--Provided by publisher.

Radiology 101 - William E. Erkonen 2009-11-01

Featuring a large number of sample illustrations, this title details the techniques and skills of reading and interpreting medical images, including many differing methods such as spectroscopy, nuclear imaging, the abdomen, mammography and interventional radiology.

CT of the Acute Abdomen - Patrice Taourel 2011-09-18

CT of the Acute Abdomen provides a comprehensive account of the use of CT in patients with acute abdomen. Recent important developments in CT, including multislice CT and multiplanar reconstructions, receive particular attention. CT features are clearly illustrated, and pitfalls and differential diagnoses are discussed. The first section of the book presents epidemiological and clinical data in acute abdomen. The second and third sections document the key CT findings and their significance and discuss the technological background. The fourth and fifth sections, which form the main body of the book, examine in detail the various clinical applications of CT in nontraumatic and traumatic acute abdomen. This book will serve as an ideal guide to the performance and interpretation of CT in the setting of the acute abdomen; it will be of value to all general and gastrointestinal radiologists, as well as emergency room physicians and gastrointestinal surgeons.

Acute Care Surgery: Imaging Essentials for Rapid Diagnosis - Kathryn L. Butler 2015-05-22

Improve your imaging interpretation skills for the most commonly encountered surgical conditions The goals of Acute Care Surgery: Imaging Essentials for Rapid Diagnosis is help acute care surgeons, general surgeons, and surgical trainees develop the skills necessary to efficiently work up and diagnose critical surgical disease. This unique text opens with practical guidelines for understanding and interpreting the key imaging modalities employed in acute care surgery. In-depth discussions of acute surgical conditions follow, with emphasis on workup, diagnosis, and imaging pattern recognition. Each clinical chapter opens with a case scenario, followed by detailed discussion of pathophysiology, diagnosis, and management, and includes multiple annotated examples of ultrasound, plain film, CT, and MRI findings. Acute Care Surgery: Imaging Essentials for Rapid Diagnosis follows a logical systems-based organization, consisting of: Radiology Basics Abdomen Chest Soft Tissue Trauma Acute Care Surgery: Imaging Essentials for Rapid Diagnosis also provides expert guidance on how to select the correct imaging modality for the most efficient diagnosis and treatment. This text will aid trainees and surgeons to hone the skills they need to manage acute surgical patients when expediency matters most.

101 CT Abdomen Solutions Hariqbal Singh 2016-01-31

101 CT Abdomen Solutions is a guide to interpreting computed tomography images of the abdominal anatomy. The book is divided into 23 sections, each covering every part of the abdomen from diaphragm and colon to prostate and uterus. This broad collection of CT images and high resolution axial CT images for all common pathologies assists interpretation and diagnosis in routine reporting practice. Enhanced by 162 high quality images and illustrations, 101 CT Abdomen Solutions is an effective reference guide for all radiologists. Key Points Comprehensive guide to interpreting CT images of the abdomen 23 sections cover every part of the abdominal anatomy 162 high quality images and illustrations Includes high resolution axial CT images for all common pathologies

CT of the Acute Abdomen Patrice Taourel 2016-08-23

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