

Emergency Radiology of the Abdomen : Imaging Features and Differential Diagnosis for a Timely Management Approach

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- Abstract: This book comprehensively highlights modern emergency radiology diagnosis of the acute abdomen.

In traumatic as well as non-traumatic emergencies, the clinical term "acute abdomen" refers to a variety of serious conditions in an often progressive clinical situation that call for an immediate diagnostic and therapeutic intervention. Today, thorough and rapid diagnostic radiological imaging is broadly available and the radiologist has gained a central role in patient handling in many emergency medicine departments.

In addition to proficient radiological knowledge, communication and close co-operation among the various specialists involved are essential for successful patient management.

Emergency radiologists must not only acquire a full understanding of the imaging modalities and technical requirements, but they should also have appropriate clinical knowledge of the various disorders in order to become valuable contributors to the therapy decision-making process.

Emergency Radiology of the Abdomen provides a comprehensive review of the etiology, pathophysiology, and clinical presentation of acute abdominal conditions, both after traumatic events and in the non-traumatic setting. It focuses on imaging features and high-end emergency radiology that are indispensable for a timely management approach. Numerous high-quality images, diagrams, and easy-to-read tables are provided.

Contents: Acute Abdomen: Clinical Context and Indications to Imaging – Acute Abdomen: Rational use of US, MDCT and MRI – Liver and Bile Ducts – Gallbladder – Spleen – Pancreas – Kidney, Ureter, Adrenal Gland – Gastrointestinal Tract – The Pelvis – Vascular Emergencies of the Retroperitoneum – MRI of the Acute Abdomen and Pelvis – Imaging the Acute Abdomen in the Pediatric Population – The Role of Interventional Radiology.

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