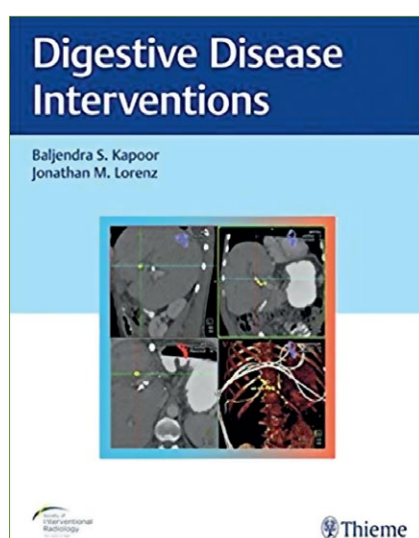


Digestive Disease Interventions

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This textbook represents a valuable reference in the dynamic and challenging field of gastrointestinal and liver interventional radiology. Written by experts in the field of interventional radiology, this book integrates the newest scientific data regarding the physiopathology mechanisms, gastrointestinal and liver imaging with mini-invasive therapeutic options.

The scientific data are provided in detail in 30 chapters, covering a wide spectrum of pathology; the therapeutic imaging guided interventions are illustrated in more than 600 high quality images.

The latest research and findings in pathophysiology of splanchnic vascular diseases (portal hypertension, mesenteric ischemia) are integrated with image-guided gastrointestinal

interventions. Two chapters cover the transcatheter management for nonvariceal upper and lower gastrointestinal hemorrhage.

The liver cancer is presented in a comprehensive manner, starting with the imaging, and providing a clear and concise presentation of staging and clinical management and offering a detailed and illustrative information on different therapeutic approaches: ablation, embolization, liver transplant and Yttrium-90 radioembolization.

The critical role of interventional radiology for biliary diversion is described in malignant obstructive jaundice. The techniques for controlling colangiocarcinoma through the use of Yttrium-90 radioembolization, TACE and thermal ablations are discussed and illustrated. Also the image-guided treatment for pancreatic cancer is presented: radiofrequency ablation, microwave ablation, cryoablation, high intensity focused ultrasound, irreversible electroporation.

Different chapters offer detailed information about the role of interventional radiology in benign refractory ascites, benign biliary strictures, acute cholecystitis, cholelithiasis and choledocholithiasis.

This book also provides updates on recent advances and future directions for obesity, bariatric embolization and islet cell transplantation.

For specialists in this area and young fellows this book is a practical documentation resource for learning and updating knowledge.

The information is provided in a concise and illustrated manner offering an excellent tool for clinical practice.

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