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W.-P. Wang, Y. Dong, C.F. Dietrich, E.M. Jung (Eds.)

Contrast-Enhanced Ultrasound Imaging of Hepatic Neoplasms

- Includes contrast-enhanced ultrasound images and pathological results of different hepatic neoplasms
- Accompanies specialist comments in each case
- A useful reference for radiologists and hepatologists

This book aims to provide reader an overview of clinical applications of contrast-enhanced ultrasound in hepatic neoplasms diagnosis. Ultrasound images and pathological results of different hepatic neoplasms are introduced in the chapters, including benign liver tumors, malignant liver tumors, hepatic carcinoma, intrahepatic cholangiocarcinoma, rare liver benign and malignant neoplasms, regenerative nodules, inflammatory pseudotumor, parasite liver lesions, and hepatitis peliosis, etc. The combination of ultrasound findings with final histopathological results then discover the potential mechanical of contrast enhancement changes. With the development of ultrasound technology and widely application of ultrasound contrast agents (USCA) in recent decades, contrast-specific imaging modalities have been developed in combination with USCA and a low mechanical index (MI), allowing continuous real-time grey scale imaging. The updated contrast-specific software for liver diseases and hepatic tumors diagnosis has also been described described in detail. With high-resolution contrast ultrasound images during arterial phase, portal venous phase and late phase, author wants to show the whole dynamic wash-in and wash-out process of the different focal liver lesions. This book is an invaluable resource for radiologists, hepatologists and oncologists in their everyday clinical practice.

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