



## Clinical 3T Magnetic Resonance

By Runge, Val M. / Nitz, Wolfgang R.

Condition: New. Publisher/Verlag: Thieme, Stuttgart | Here is the first textbook to present a practical overview of the basic principles and clinical applications for 3 tesla (3 T) MR imaging. Organized into sections according to anatomical location, each case study is presented in a concise, two-page unit that enables the reader to digest and review the material in small sections. The author describes the situations that dictate the use of 3 T and explains the numerous clinical advantages of this field strength by drawing comparisons to corresponding studies at 1.5 T. Highlights: - Case studies from leading international experts covering the breadth of clinical MR - Recommendations for how to optimize image quality and how to interpret the clinical findings - Easy-to-follow descriptions of the strengths and limitations of 3 T-400 high-quality clinical images and illustrations depicting key concepts - Discussion of the various pulse sequence approaches Clinical 3T Magnetic Resonance is essential reading for all radiologists, radiology residents, and medical physicists. Fundamentals of high field strength MR imaging with in-depth discussion of how to achieve the highest quality images Differences from diagnostic studies at lower fields are emphasized The discussions focus on clinical images from actual patient studies Topics are covered in convenient two-page sections for easy reference in the clinical practice |...



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