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High Field Brain MRI: Use in Clinical Practice

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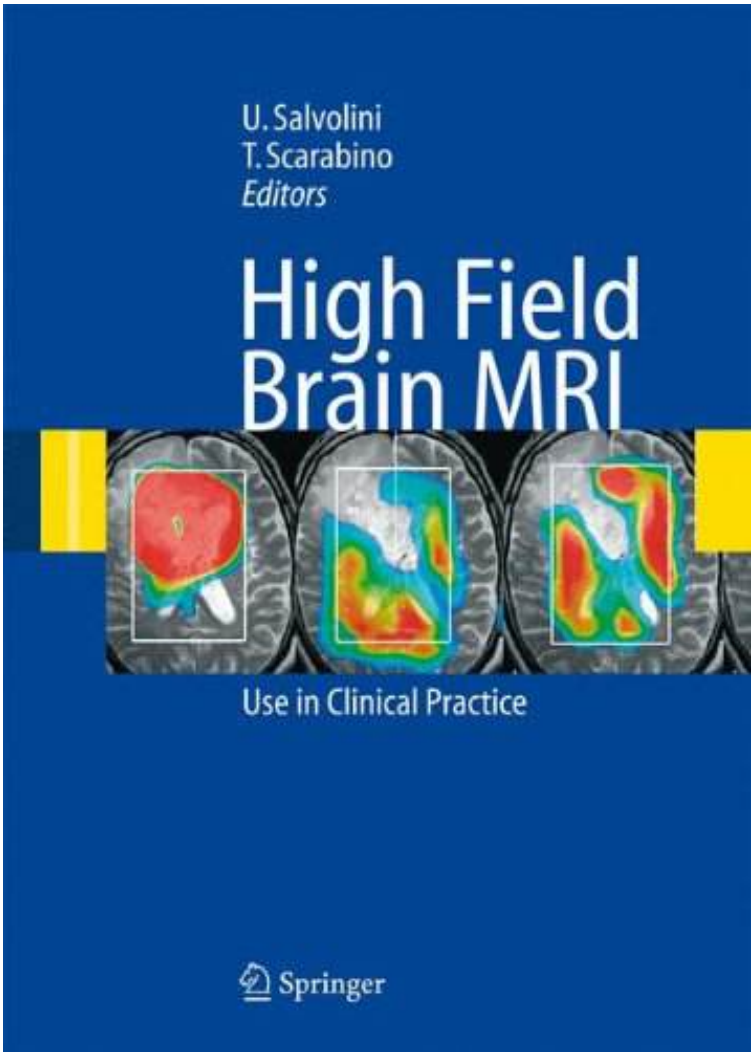

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done a very fine job in summarizing what is known about the clinical use of high dield MR systems First of all this concerns 3T systems which are slowly being installed everywhere and are becoming the state of the art for modern imaging All areas are summarized in a knowledgeable way and all chapters are exce This book describes the development of systems of magnetic resonance imaging using the higher magnetic field strength of 3 tesla in comparison to the current gold standard of 1 5 tesla These new systems of MRI make it possible to perform with high spatial temporal and contrast resolution not only morphological examinations but also functional studies on spectroscopy diffusion perfusion and cortical activation thus helping research and providing an important too

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