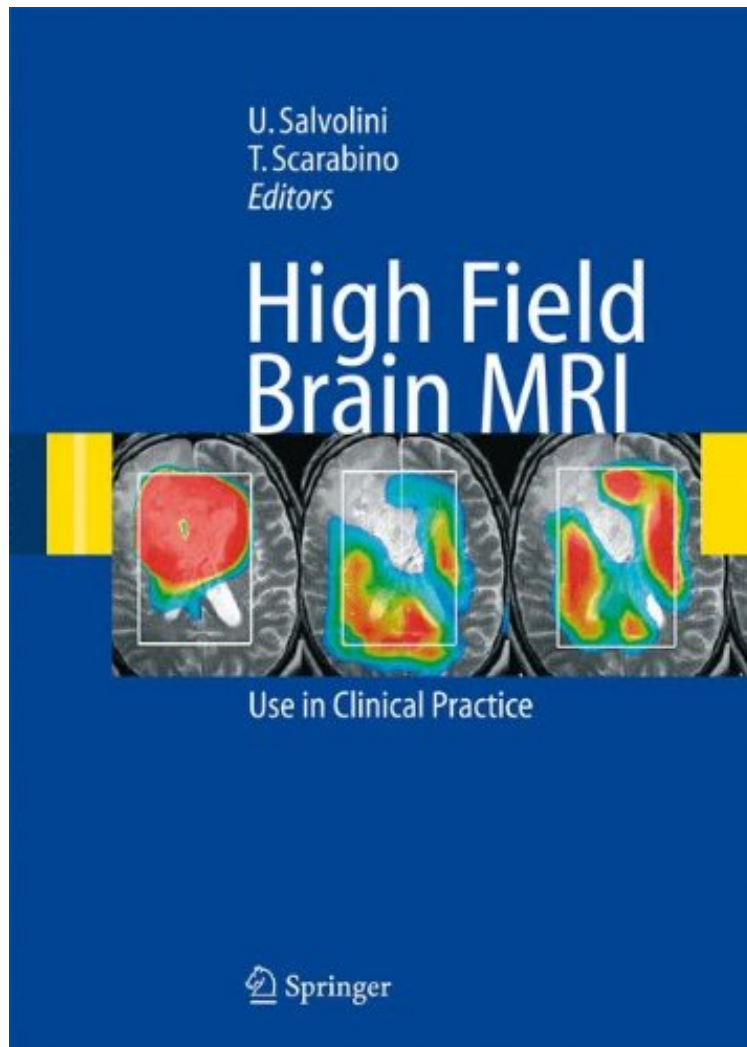


High Field Brain MRI: Use in Clinical Practice

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From Springer : High Field Brain MRI: Use in Clinical Practice before purchasing it in order to gage whether or not it would be worth my time, and all praised High Field Brain MRI: Use in Clinical Practice:

1 of 1 people found the following review helpful. Very good introduction to High field imaging By Lovblad Dr Salvolini and his co-editor have done a very fine job in summarizing what is known about the clinical use of high field 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 excellently illustrated by the authors. While it is mainly focused on neuroradiology and may be slightly expensive for a book of its relatively small size, it is an indispensable addition to the library of anyone who is thinking about entering the field of high-field neuro-imaging.

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 tool for routine diagnostic activity. At the same time the new systems offer unparalleled sensitivity and specificity in the numerous conditions of neuroradiological interest.