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[Ultra-High Field Neuro MRI 1st Edition](#)

"Ultra-High Field Neuro MRI," authored by Dr. David M. A. W. Smith and published by Academic Press, is an essential resource for neurologists, radiologists, and researchers interested in the cutting-edge field of magnetic resonance imaging. With the ISBN 978-0128147781, this first edition book delves deep into the intricacies and advancements of ultra-high field MRI technologies, highlighting their potential in revolutionizing neuroimaging. Through a comprehensive approach, the text examines the technical innovations, methodologies, and clinical applications associated with ultra-high field MRI, making it a critical addition to the libraries of professionals aiming to enhance their understanding of brain structure and function. Dr. Smith discusses the benefits and challenges of ultra-high field imaging, including its superior spatial and temporal resolution, which allows for unprecedented insights into neurological disorders. Throughout the book, readers will find a blend of theoretical knowledge and practical guidance, supported by case studies and illustrations that enhance the learning experience. This volume not only serves as a detailed guide to the principles of ultra-high field MRI but also addresses the future directions and potential advancements in the field. Whether you are a seasoned practitioner or a newcomer to neuroimaging, "Ultra-High Field Neuro MRI" provides the necessary foundation and knowledge to stay at the forefront of this rapidly evolving discipline. Embrace the future of neuroimaging and discover how ultra-high field MRI can shape new pathways in the diagnosis and understanding of complex neurological conditions. This book is a must-have for anyone committed to advancing their practice or research in neuroimaging with the latest technologies.