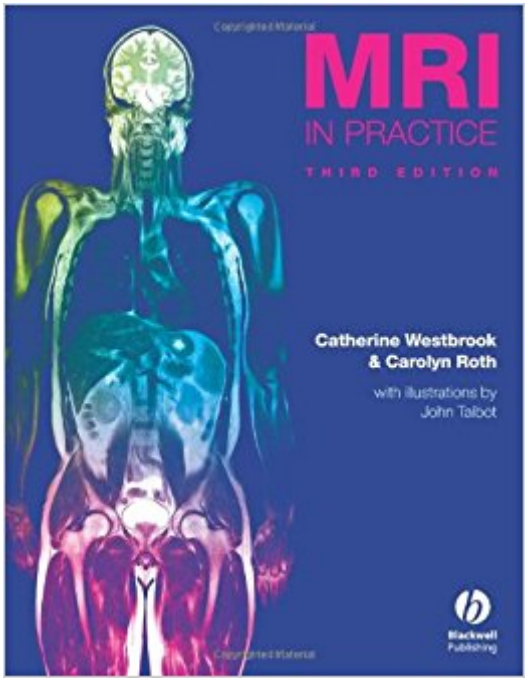
MRI In Practice (3rd Edition)



Synopsis

Since the first edition of MRI in Practice was published in 1993, the book has become the standard text for radiographers, technologists, radiology residents, radiologists and even sales representatives on the subject of magnetic resonance imaging. This text is essential reading on postgraduate courses. Furthermore, MRI in Practice has come to be known as the number one reference book and study guide in the areas of MR instrumentation, principles, pulse sequences, image acquisition, and imaging parameters for the advanced level examination for MRI offered by the American Registry for Radiologic Technologists (ARRT) in the USA. The book explains in clear terms the theory that underpins magnetic resonance so that the capabilities and operation of MRI systems can be fully appreciated and maximized. This third edition captures recent advances, and coverage includes: parallel imaging techniques, functional imaging techniques and new sequences such as balanced gradient echo. Building on the success of the first two editions, the authors have now re-conceptualized the design of the book. The third edition contains a wealth of additional illustrations and chapter enhancements draw on the depth of the authors' experience in delivering MRI education and training. To promote accessibility of difficult concepts, extended analogies have been developed to relate the complexities of MRI physics to everyday phenomena. Learning points are clearly articulated, and frequent summaries are included to assist the reader in digesting the information.

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Customer Reviews

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Catherine Westbrook is a Senior Lecturer and MRI Field Leader at Anglia Polytechnic University, Cambridge, UK and external examiner, lecturer and advisor on several other postgraduate courses in MRI around the world. In the past, Cathy has been President of the British Association of MR Radiographers, Honorary Secretary of the British Institute of Radiology and Chairperson of the Consortium for the Accreditation of Clinical MR Education. Carolyn Kaut Roth is the Director of MRI Internship Programs & Continuing Education for Technologists at the University of Pennsylvania Health Systems, Philadelphia, Pennsylvania, USA. In the past, Carolyn has served as President of the Section for Magnetic Resonance Technologists (SMRT), and is currently a Fellow of SMRT. She has lectured around the world and has published numerous books, articles and papers on the topic of MRI. Carolyn is also the CEO of Imaging Education Associates (IEA), a company that develops and produces computer-based education modules and educational curricula for radiographers & educators. John Talbot is a Senior Lecturer at Anglia Polytechnic University, Cambridge UK and a leader in the development and production of e-learning materials. As well as lecturing MRI around the world, John is a gifted illustrator and his vision has been central to the

re-shaping of the figures in the book.

When I was training at the University of Pennsylvania this book was known as our "Bible". In short, it comprehensivly covers MRI from Atoms to Zipper artifacts. The book can be a little technical at times but unfortunatly, that's MRI for you. It does a great job at explaining the basic concepts of MRI and then building on those ideas to explain the more complex ones (K-Space headaches anyone?). A must for any technologist serious about passing their boards or reviewing MRI physics and implimentation.

This book is an easy to read book that provides an in-depth look at MRI physics. I used this as a review for the ARRT exam for MRI. It was a must buy.

Great condition!!

Catherine covers everything MRI in this book. Very well organized and it won't put you to sleep reading it. Between this and a few review books, the MRI registry was a breeze...

I own many, many books on medical imaging, specifically MRI. This book encompassess the physics, sequences, imaging parameters, artifacts, contrast, and clinical application of these in very simple language with great illustrations. The authors have succeeded in publishing the best-written and most thorough of study/review books out there today.

This book is an excellent resource for those who wish to learn more about the physics of MRI. It is written in easy to read text and provides many illustrations which depict the material. I strongly suggest this book for anyone who is going to take the MRI boards.

Got the book,as promised, immediately it put to good use, I'm very satisfied with its content and condition, The item is complete and in good condition, txs.

Perfect condition

Anatomy: Pocket Atlas of Body Sections, CT and MRI Images, Third Edition MRI Atlas of Human White Matter, Second Edition MRI-Negative Epilepsy: Evaluation and Surgical Management Handbook of MRI Scanning, 1e Review Questions for MRI Fundamental and Advanced Fetal Imaging: Ultrasound and MRI Handbook of Functional MRI Data Analysis Mri of the Shoulder: Clinical Situations & Management Handbook of MRI Technique Magnetic Appeal: MRI and the Myth of Transparency MRI at a Glance MRI: The Basics Planning and Positioning in MRI, 1e CT & MRI Pathology: A Pocket Atlas MRI Parameters and Positioning Atlas of Peripheral Nerve Ultrasound: With Anatomic and MRI Correlation