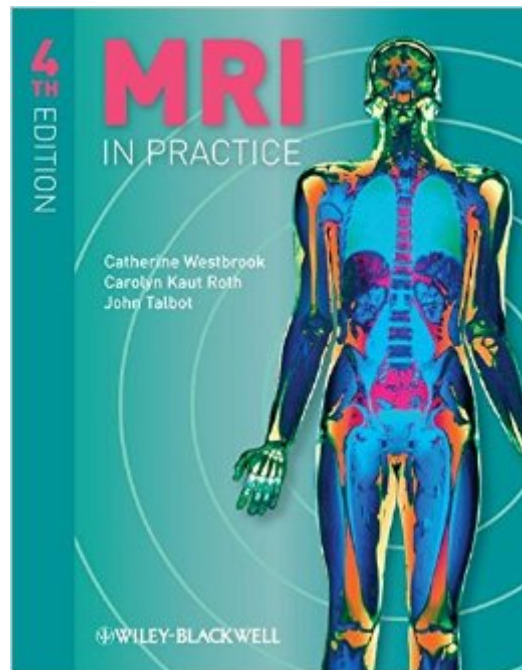


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# MRI In Practice



## Synopsis

Since the first edition 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 and new sequences such as balanced gradient echo. Building on the success of the first three editions, the fourth edition has been fully revised and updated. It also now has a companion website which hosts animated versions of a selection of illustrations in the book to aid with the reader's comprehension of some of the more difficult concepts. The website also hosts over 200 interactive self-assessment exercises to help the reader test their understanding.

## Book Information

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## Customer Reviews

I have a PhD specializing in MRI. I would say this is a great book at the beginner to maybe intermediate level. Should be enough for a Masters' degree. Its a great first step to understanding

intricate complicated MR Physics. A lot of complex stuff is simplified here. Many advanced books explain even basic simple concepts using huge equations which can be intimidating for a lot of people - certainly was for me. This book does the exact opposite. It introduces you in a friendly way and keeps you engaged. I highly recommend this book. Also it's at a very economic price. Cons: Has some minor typos, has some answers wrong - but you will figure it out easily.

This book was amazing. I passed my Registry and I used this book as part of my study material. I read the book, chapter by chapter, front to back, probably 10 times. This is a must have for anyone getting into MRI or studying for their Registry.

This book is pretty much mandatory if you want to register as a MR tech, all of the information is very useful, and is boiled down to a level more palatable for most people, well as much as MR can be anyways. I haven't talked to a tech who hasn't used this book to help them on their Registry (those who passed recently anyways).

This book really has most of what you need: it is excellent preparation for the US registry exam and is detailed enough to be used for Masters level education. The chapters are well thought out and the examples and diagrams are clear and very informative. The on-line content is also very good! There is a reason this book is used as required reading at the University where I lecture..... This book is THAT good!

Just started using this book for class and thus far is great. It's detailed, but then again with a teacher explaining it's better. I haven't read this on my own to test it. But nonetheless, I really like the book. It's great.

MRI is a tough subject to teach and to learn. It is complex, and for the imaging student or any student, there are complex concepts that make up MRI. Westbrook's book explains it all well, and is an industry standard.

Este livro é uma referência na área da Ressonância Magnética. Com ilustrações e didática e muito bem produzidas, é um bom material de acabamento. Mas atenção: ele não trata de protocolos ou ensina a fazer exames de Ressonância Magnética (não de maneira direta), este livro trata detalhadamente sobre a física da Ressonância

Magnética, sendo portanto um material de estudo teórico do método e não só sob o aspecto prático, este aspecto é tratado em outra obra da autora Catherine Westbrook.

I really like how this book tells the story of MRI physics largely through diagrams, figures, and analogies. It will serve as a great primer to more mathematical approaches. Great foundation.

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