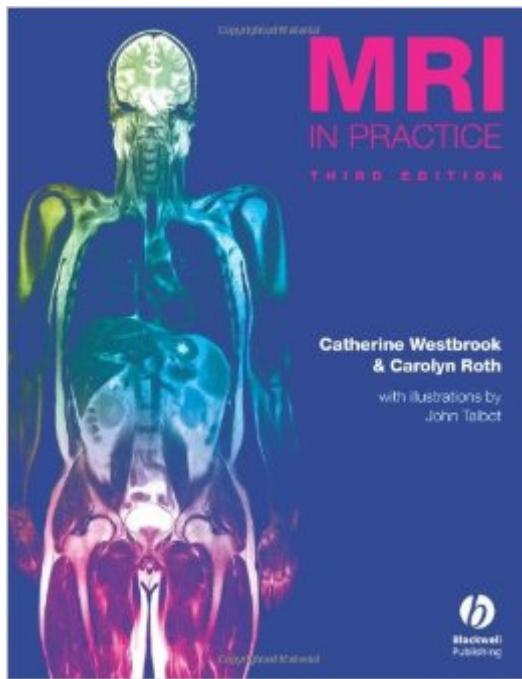


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# MRI In Practice (3rd Edition)



## 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.

## Book Information

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## Customer Reviews

MRI In Practice is by far the best physics book to study from for the registry exam. Very well written and easy to understand. I've been an MRI tech for 14 years and I use this book as a reference all the time in my current position of Chief Technologist. If you know this book cover to cover, you should have no trouble passing the physics on the test!

Not overly technical, easy to read, and not boring. Each topic is discussed clearly. The illustrations are sharp and in color. The chapter on K-space makes it worth the price. If you are only purchasing one textbook for MRI this is a very good choice. Less technical than Lufkin, less entertaining than Bushong; this is overall a very good choice for the technologist, medical student, or physician looking for a good reference on the subject of magnetic resonance imaging.

This is a good book made great by upgrades in the second edition. I teach MRI in the classroom, and I rate this the best book available for that purpose. It is well written. It is generally easy to understand. It is clearly written by technologists for technologists! The graphics in the new edition are superb!

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...

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.

This is a fantastic book for an overview of MRI. It is easy to understand and well organized.

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.

When I was training at the University of Pennsylvania this book was known as our "Bible". In short, it comprehensively covers MRI from Atoms to Zipper artifacts. The book can be a little technical at times but unfortunately, 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 implementation.

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