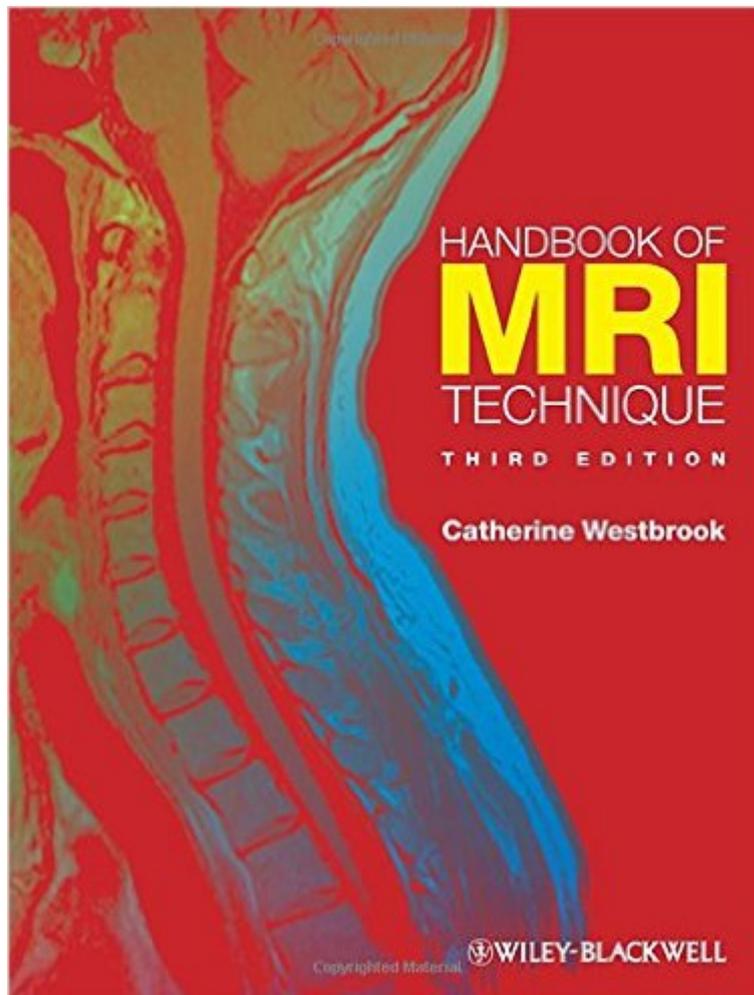


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# Handbook Of MRI Technique



## Synopsis

The progress of magnetic resonance imaging (MRI) as a clinical tool has been extraordinary, out-stripping the rate of development of any other imaging technique. There has been a huge increase in the practical applications of MRI techniques and its uses look likely to extend even further with the development of high speed gradients and pulse sequences. The Handbook of MRI Technique has proved highly successful in guiding the uninitiated through scanning techniques and helping more experienced technologists to improve image quality. The third edition of this highly successful book has been fully revised and updated to consider new technologies and developments essential to good practice. The book is split into two parts. Part 1 considers the main aspects of theory that relate to scanning and also includes practical tips on gating, equipment use, patient care and safety, and information on contrast media. Part 2 provides step by step instruction for examining each anatomical area, beginning with a basic anatomy section, followed by sections on indications, patient positioning, equipment, artefacts and tips on optimizing image quality. A section of problem-solving exercises completes the book. Now in full color throughout with over 200 illustrations this book will continue to appeal to radiographers new to MRI and regular users who are looking for information on alternative techniques and suggestions on protocol modifications. Completely revised and updated Over 100 brand new photographs and line drawings Written by technologists for technologists With contributions from MRI technologists in the USA and Australia Suitable for users of all types of MRI systems

## Book Information

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## Customer Reviews

This book is excellent for review and for technologists in the field. The guidelines for protocols are extremely helpful especially for new technologists.

I just would like to mention about the possibility in prepare a new edition. This one was published in 1999. The technology is fast and growing every day with new procedures and new tools. I think will be helpful if a new edition could be edited, including the newest studies with a 3 Tesla machine. This book is great and I do recommend for everyone who works in the MRI field.

Hi, I have read different books written by Catherine, this one is very good. It is good simply because was written by the Technologist. I had a chance to buy it at the MR seminar last weekend. I recommend it to every MR Technologist who wants to become better in the MR art.

This book really covers the spectrum of MRI knowledge for the beginning technologist. It covers everything from the basics of MRI to scan ranges to exam indications. This book coupled with Sectional Anatomy for Imaging Professionals 2nd Edition is all you would need to pass the registry. I will update this once I take the registry. If you're a beginning tech I highly recommend this as a great reference guide. -Jim R.T.(R)(CT)

well, the book is awesome. it just seemed to me when i was reading it that something should have come before this book, like the matching mri in practice book. that is my suggestion, to purchase the mri in practice book by this author first or in addition to this mri technique book. i have them both now, and the mri in practice explained a lot in great detail and analogy what is lightly touched on in the mri in technique....so now i feel i have everything covered. i cannot give either of these books enough praise....but they are the only mri teaching books i have. i feel like they will be the only one's i need. we'll see!!

As I mentioned in title, - this is my personal opinion only and doesn't mean that it has to be used as an advise for not using this book. I found a lot of answers for my questions, but also didn't find a lot as well. I am working on open GE 0.2 MRI and have to adjust almost everything according to my magnetic field. This book describe and explains a lot of things that are used in practice (sat pulses, sequences, etc) however I would like to get help with understanding when and why do I have to use this or that sequence, and which one should I avoid. However, I am still using it all the time and

have it with me always. In conclusion, I like this book, but it is not the best for me.

I ordered this book to start researching if I want to start a career in MRI. I am sure it covers all the necessary physics and so forth. A lot of it is over my head, since I haven't done much outside of x-ray.

We have had to set up our protocols for our new MRI scanner, and this book was very helpful. Good review of parameters and how to scan.

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