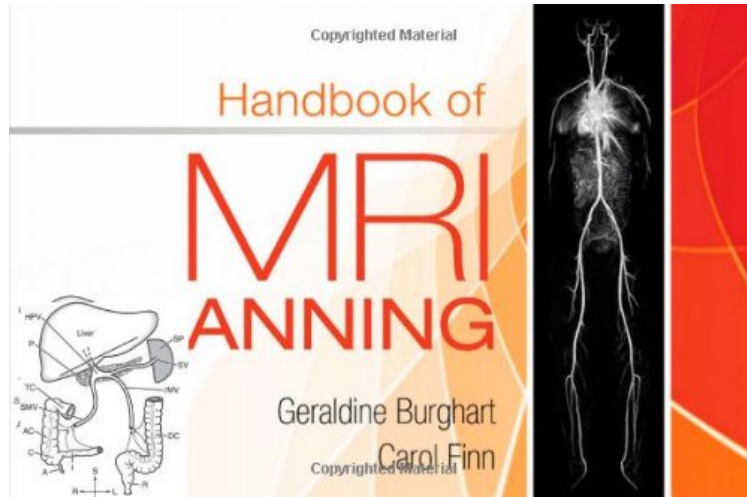


(Pdf free) Handbook of MRI Scanning, 1e

## Handbook of MRI Scanning, 1e

*Geraldine Burghart MA RT(R)(MR)(M), Carol Ann Finn RT(R)(MR)*  
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#120234 in Books 2011-01-13 Original language: English PDF # 1 6.25 x 8.25 x .75l, 1.05 #File Name: 0323068189416 pages | File size: 19.Mb

**Geraldine Burghart MA RT(R)(MR)(M), Carol Ann Finn RT(R)(MR) : Handbook of MRI Scanning, 1e** before purchasing it in order to gauge whether or not it would be worth my time, and all praised Handbook of MRI Scanning, 1e:

0 of 0 people found the following review helpful. Better than nothing, but not by much By Beer And Iron Poorly done graphics, the table of contents doesn't provide page numbers which I found infuriating enough that I went through and did that myself, both the quality and quantity of graphics are poor, the bulk of the book is dedicated to "Fill in your own site protocols", the exams are very incomplete. For example they may show Axial and coronal coverage for one exam but not sagittal coverage. This feels like a rough first draft and unfortunately from my looking around and asking other techs, there doesn't exist an MRI position atlas that would be the equivalent of Merrill's Atlas of Radiographic Positioning and Procedures. 16 of 16 people found the following review helpful. Great MRI reference By EF This is a great reference book that is so far unique in the collection of MRI books out there as a spiral-bound have-next-to-the-scanner book. The next nearest book out there is Handbook of MRI Technique, though this book is much more detailed in both sequences and specific anatomy areas. This book lists out the common pulse sequences for both 1.5T and 3T, and also displays basic scan plane prescriptions. There are also line drawings of the anatomy of interest, similar to the drawings found in Sectional Anatomy for Imaging Professionals. There is also valuable information found at the beginning of each chapter which describes some of the rationale for some of the PSD selection, coils, contrast, artifacts, etc... The charts in the book list actual parameters and imaging options for each sequence, with an additional blank chart in each section meant for reader to write in their own site's standard sequences. With customized saved protocols in most scanning software, I question how useful the blank tables are, other than for general sequence listings. In future editions of this book, I would like to see a column for "Frequency direction" with it filled in as A/P, R/L, S/I. The listed "SPF swap phase freq" can still be ambiguous and sometimes coil dependent. Other improvements I would make would be graphical views of sat band positions, listing of an estimated scan time per sequence, and also a brief discussion on the use of options like ZIP2, ZIP512, sequential, etc... Also, a flag for scans which are meant typically for a breath-hold would be nice. Overall, this book is great for anyone learning MRI as a tech, or for someone

coming from a research/physicist background and needs to learn the anatomy-specific scan protocols. An experienced expert MRI tech would probably have a good handle on 95% of this book, but for anyone not at that level, it is a great reference and learning resource. 0 of 0 people found the following review helpful. Good for students  
By HectorGood  
for new techs and students : but due to the fast pace environment ; I rarely had a chance to use it .

Ensure high-quality diagnostic images with this practical scanning reference! Designed to help you plan and acquire MRI images, *Handbook of MRI Scanning*, by Geraldine Burghart and Carol Ann Finn, includes the step-by-step scanning protocols you need to produce optimal images. Coverage of all body regions prepares you to perform virtually any scan. Going beyond the referencing and recognition of three-lane, cross-sectional anatomy, each chapter demonstrates appropriate slice placements, typical midline images of each plane, and detailed line drawings of the pertinent anatomy corresponding to the midline images. With this handbook, you can conceptualize an entire scan and its intended outcome prior to performing the scan on a patient. Keep the book at your console -- its ideal for quick reference! Consistent, clinically based layout of the sections makes scanning information easy to use with three images per page to demonstrate clinical sequences in MRI examinations. Handy, pocket size offers easy, immediate access right at the console. 600 images provide multiple views and superb anatomic detail. Suggested technical parameters are provided in convenient tables for quick reference with space to write in site-specific protocols or equipment variations.

"This book provides technologists and students with not only a baseline for MR image acquisition, but also a standard of quality that should be consistently duplicated to provide the healthcare team with quality diagnostic images. This is a must read for any student or beginning technologist. It does a great job of providing a practical, realistic approach to MRI that avoids confusing physics and equations. I have never seen another book that packed as much useful and simplistic information into such a small package." - Karl Freund, RT(R) MR, Froedtert Hospital (4 Star Doody Rating)