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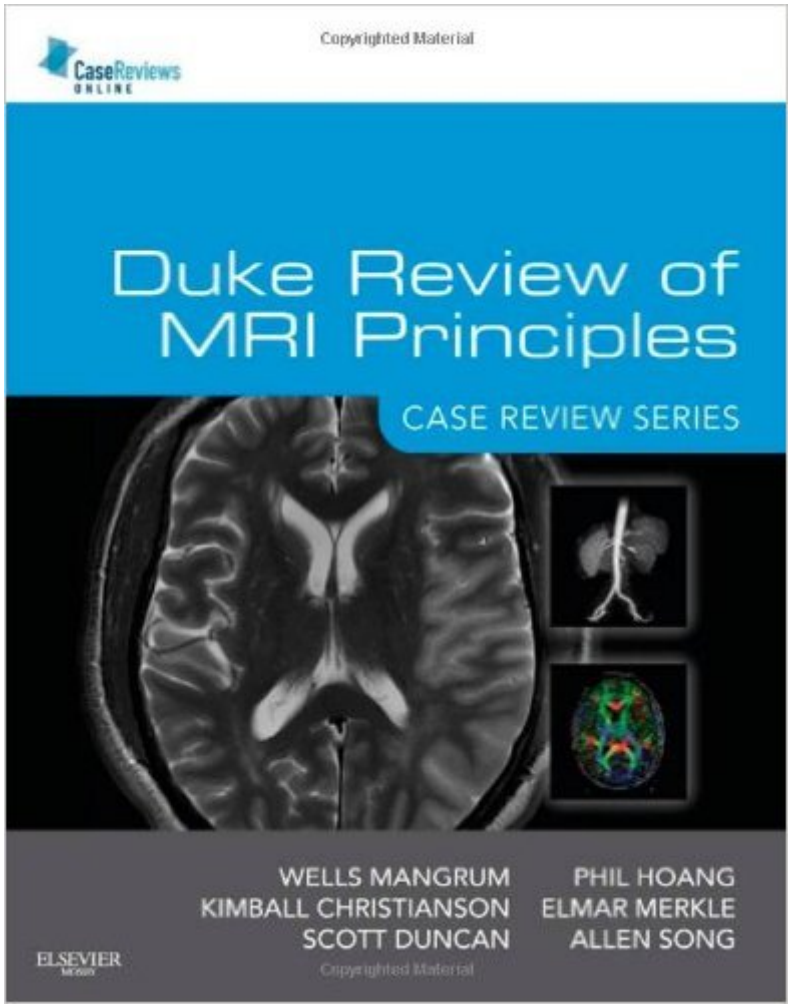
Duke Review Of MRI Principles: Case Review Series, 1e



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Synopsis

The newest title in the popular Case Review Series, Duke Review of MRI Principles, by Wells Mangrum, MD; Kimball Christianson, MD; Scott Duncan, MD; Phil Hoang, MD; Allen W. Song, PhD; and Elmar Merkle, MD, uses a case-based approach to provide you with a concise overview of the physics behind magnetic resonance imaging (MRI). Written by radiology residents, practicing radiologists, and radiology physicists, this multidisciplinary text introduces you to the basic physics of MRI and how they apply to successful and accurate imaging, interpretation, and diagnosis. Clinically relevant cases with associated questions and images reinforce your understanding of essential principles needed to confidently interpret a wide range of MRI images for all organ systems. Review the basic physics of MRI in a concise, high-yield manner and learn how to apply them for successful and accurate imaging, interpretation, and diagnosis. Master 17 essential MRI principles you need to know through clinically relevant cases accompanied by associated questions and 600 images that reinforce your understanding and help you confidently interpret a wide range of MRI images. Effectively diagnose disease in all organ systems. Authors are fellowship-trained in each body system â “ neuro, breast, body, vascular and MSK, providing you with practical guidance in every area Focus on the information thatâ ™s most relevant to your needs from a multidisciplinary author team comprised of radiology residents, practicing radiologists and radiology physicists. See the underlying simplicity behind MRI physics. Despite employing the same MRI principles, similar imaging systems use slightly different names. A simplified explanation of these principles and how they are applied to each body system deepens your understanding and helps avoid any confusion. All the MRI physics that the resident needs to understand to comfortably interpret MRI

Book Information

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Customer Reviews

For people preparing for the new Core Exam, this book is worth its weight in gold. This was the only thing I read regarding MRI prior to the Pilot exam (including not reading the RSNA Modules) and it covered nearly every question on the test! I did great on the physics mostly because of this book. It does take some time to get through the whole book, but you won't regret it! This book will have a HUGE impact on your score. I will be reading it cover-to-cover again before the real exam. It is also very well written and much easier to understand than some other MRI books. It is also very clinically applicable rather than heavy on formulas and numbers and that garbage. I think you will find it actually makes sense!

This book is a concise, clear and practical manual of MRI principles for the clinical radiologist. The authors have put in a lot of effort in deciding the 17 principles to talk about, coming up with examples, and writing the teaching points. I especially like the chapters on artifacts. Highly recommend.

Same problem as other 1-star reviews- paper is worse than anything I've seen in any review or textbook, somehow it is thin and coarse at the same time. Let alone the printed images, which are far below substandard. I ordered from twice thinking it was their batch. However, I had the same issue after ordering from B&N. This is an issue with the publusher, who apparently doesn't realize that the people using this book actually need to be able to see the images and not just read text on coarse yet thin paper.

Ummm...this has been mentioned before, but honestly, it's printer paper. NOT professional. This is Radiology, pictures should at least be clear. Looks like a photocopy of a photocopy. Matte pages, not even glossy.Content is marginal, not really case format, examples are vague and images are horrible quality.

Probably the only book you need to learn MRI for radiology boards. I'm so glad I found this during

my second year. I especially like how it's clinically oriented, and the way they use cases before discussing a specific physics topic makes it much more engaging and memorable than reading a dry textbook. I would highly reading this as a junior rad resident - you will shine on your MSK, Neuro, and Body rotations.

Good review when used in conjunction with other sources. Easier to grasp the first few wordy pages of each section if you already have some idea of basic concepts. I read MRI made easy first and went through rsna module before reading. I tried reading this book before that and it was taking me forever to get through the explanations of the concepts. The selection of artifact pictures and examples of pathology in various parts of the body (neuro, cardiac, abdomen) were good.

The use of clinical cases to illustrate complex physics concept is a brilliant idea. Makes MRI physic concepts more tangible and practical. Easier and faster to study when compared to a purely physics book. If complemented with online modules/articles etc. MRI will make much more sense.I wish they would develop same format/style with US, CT and NucMed

amazing review of mri physics for radiologists. mri physics books are usually so hard to read and even more difficult to understand the clinical relevance. this has a page or 2 of dense physics at the beginning of each chapter then numerous clinical imaging cases emphasizing how the mri physics you just learned changes real clinical images and why it is important for you as the radiologist to understand the major physics concepts.

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