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MRI: The Basics

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Concise, readable, and engaging, this 4th edition offers an excellent introduction to the physics behind MR imaging.

Clinically relevant coverage includes everything from basic principles and key math concepts to more advanced topics, including the latest MR techniques and optimum image creation. Hundreds of high-quality illustrations, board-style questions and answers, legible equations, and instructive diagrams take you from the basics of MR physics through current applications.

Features:

- Contains all-new chapters on general MR safety and contrast safety, as well as a new chapter on motion correction.
- Addresses timely topics such as susceptibility-weighted imaging (including other potential uses beyond hemorrhage detection), Restriction Spectrum Imaging (RSI), MR elastography, and MR relaxometry.
- Provides 100 new board-style questions in a separate chapter, as well as problem-solving and multiple choice questions in each chapter.
- Includes key points at the end of each chapter for quick reference and review.
- Ideal for radiologists, radiology residents and fellows, and radiologic technologists, as well as other professionals who encounter MRI in their practice, and those preparing for exams.

Publication Year	2017
Edition	4th Ed.
Author/Editor	Hashemi, Ray H.; Lisanti, Christopher J.; Bradley Jr., William
Publisher	Lippincott Williams & Wilkins (LWW)
ISBN	978-1-496-38432-4
Doody's Star Rating®	★★★★ Score: 87
Doody Core Title	Score: 2.5 (Diagnostic Radiology)
Platform	OvidMD, Ovid
Product Type	Book
Specialty	Imaging Technology Radiology
Language	English
Pages	496
Illustrations	591
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