



Review of Radiologic Physics

By *Walter Huda MD*

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Review of Radiologic Physics By Walter Huda MD

Now revised to reflect the new, clinically-focused certification exams, **Review of Radiological Physics, Fourth Edition**, offers a complete review for radiology residents and radiologic technologists preparing for certification. . This new edition covers x-ray production and interactions, projection and tomographic imaging, image quality, radiobiology, radiation protection, nuclear medicine, ultrasound, and magnetic resonance – all of the important physics information you need to understand the factors that improve or degrade image quality. Each chapter is followed by 20 questions for immediate self-assessment, and two end-of-book practice exams, each with 100 additional questions, offer a comprehensive review of the full range of topics.

Key Features

- **Mirrors the current clinically relevant focus of the certification exams** – the key information radiologists need to know to perform their clinical duties.
- Brand new, full color illustrations throughout the book enhance the learning experience
- Focuses on the radiological physics of x-rays (projection radiography, fluoroscopy, and CT), as well as nuclear medicine, ultrasound, and MR.
- Includes **only the essential information** needed to understand how images are created, aspects that impact image quality, and factors that affect radiation risks and costs.
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- An **ideal physics review** meant to be used in conjunction with a comprehensive textbook on medical imaging.

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Editorial Review

Review

'**Thorough, topical reviews** cover the foundations and quality aspects of imaging with x-rays (all modalities), ultrasound, and MR'

'a review of clinically relevant aspects of radiologic physics that radiologists and radiologic technologists need to know'

'conforms to the recent changes in American Board of Radiology examinations'

'an **effective tool** for **radiologists, radiologic technologists, or medical physicists** to efficiently review the essential physics pertinent to their practice, and potentially to be found on a board exam.'

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-Doodys Publishers' Club, June 3, 2016

Weighted Numerical Score: 92 - 4 Stars!

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