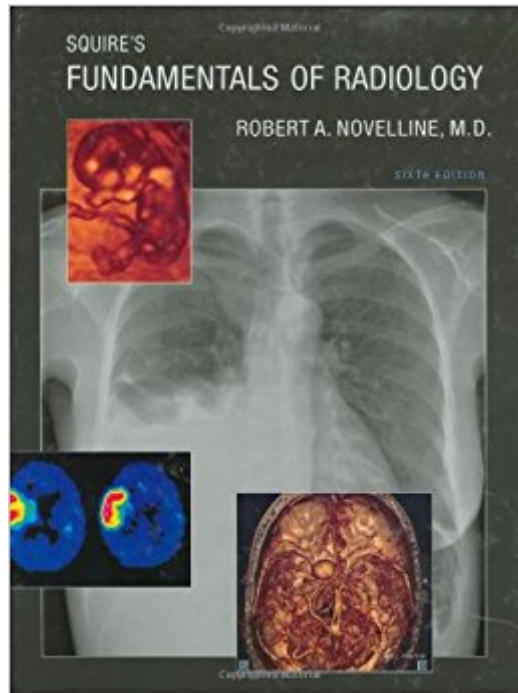


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# Squire's Fundamentals Of Radiology: Sixth Edition



## Synopsis

In the past five years, the development of new imaging technologies that make possible faster and more accurate diagnoses has significantly improved the imaging of disease and injury. This new edition of Squire's Fundamentals of Radiology describes and illustrates these new techniques to prepare medical students and other radiology learners to provide the most optimal and up-to-date imaging management for their patients. Not only are new diagnostic techniques outlined, such as the multidetector computed tomography diagnosis of pulmonary embolism and the diffusion-weighted magnetic-resonance imaging of stroke, but hundreds of new diagnostic images have been included to illustrate the radiological characteristics of common diseases with state-of-the-art computed radiography, ultrasound, multidetector computed tomography, and magnetic-resonance images. The text has been completely reviewed and updated to present the latest and best strategies in diagnostic imaging. New interventional radiology procedures have been added, including vertebroplasty, a percutaneous injection treatment of painful spinal compression fractures; uterine artery embolization, a surgical alternative to hysterectomy in women with painful or bleeding uterine fibroids; and radiofrequency ablation, a percutaneous technique for treating unresectable tumors in the liver and other organs with probes that superheat and thus destroy cancer cells. A new chapter on advances in diagnostic imaging describes many cutting-edge imaging technologies, such as three-dimensional and digital imaging, functional magnetic-resonance imaging, PET-CT (positron emission tomography combined with computed tomography), cardiac calcium CT scoring, multidetector gated cardiac CT, and molecular imaging.

## Book Information

Series: Squire's Fundamentals of Radiology

Hardcover: 660 pages

Publisher: Harvard University Press; 6 edition (March 30, 2004)

Language: English

ISBN-10: 0674012798

ISBN-13: 978-0674012790

Product Dimensions: 11 x 8.7 x 1.6 inches

Shipping Weight: 4.8 pounds (View shipping rates and policies)

Average Customer Review: 4.6 out of 5 stars 15 customer reviews

Best Sellers Rank: #211,764 in Books (See Top 100 in Books) #46 in Books > Textbooks >

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## Customer Reviews

[Review of the previous edition] As a result of wide popularity, this excellent textbook reaches its fifth edition. The book appears to have been and to be the 'vademecum' of thousands of medical students, but its content is also devoted to doctors of sciences other than radiology, who use imaging as an essential tool for diagnostic workup of patients. The 25 years' experience of the textbook can clearly be recognized through its 20 chapters covering all fields of diagnostic imaging. The significant advances in imaging technology have brought a great number of new diagnostic images to this edition and new subjects, such as interventional radiology, have been included. Another important new feature of the book is body anatomy, explained either by plain films or by cross-sectional images. All diagnostic problems are presented in a very practical and essential way, tailored to students who will certainly be doctors but may not become radiologists. The reasoning of the author as a non-radiologist but with the radiologist's eyes is the most captivating feature of the textbook. This aspect can only be explained by Squire's and then Novelline's great experience in teaching medical studentsâ | The quality of images and captions is excellent, mainly from the teaching point of view. In fact, I was unable to find any misleading image or caption. Although the book is primarily devoted to medical students, its characteristics make it suitable also for first-/second-year residents in radiology. The book is definitely to be recommended to all doctors willing to know more about modern diagnostic imaging. Its size and reasonable price make this volume highly cost-effective. (A. Chiesa European Radiology)[Review of the previous edition] This is the fifth edition of a textâ | written as an introduction to radiology for medical students. In 1964 Lucy Frank Squire authored the first edition, which became a standard for education of medical students. Squire recently passed away, but her teaching enthusiasm and spirit are maintained in eloquent fashion by Novelline, her colleague and friend. Without changing its purpose, the text has been rewritten considerably and is nearly doubled in size. New chapters in anatomy and subspecialty areas are included. New to this edition are chapters emphasizing primary-care areas, including women's imaging, men's imaging, pediatric radiology, and AIDS. This edition also contains photographs of patients undergoing exams in radiology suites and discussions of the patients' experiences in the department. (Booklist)Five stars! Dr. Novelline has done an incredible job, taking an excellent text and improving it. [He] has kept the best parts of the previous editions, adding and

updating to create a new incredible educational tool for a reasonable price that will stand the test of time. This text belongs in the personal library of every medical student. (Kathleen A. Murray, M.D., Department of Radiology, University of Utah School of Medicine)[Review of a previous edition] I recommend this book as the definitive introductory text for medical students in their clinical years and to the course leaders of required or elective undergraduate courses in diagnostic radiology. (Joseph Whitely, M.D. JAMA: The Journal of the American Medical Association)

Robert A. Novelline, M.D., is Professor of Radiology, Harvard Medical School. He is also Director, Emergency Radiology, and Director, Undergraduate Radiology Education, Massachusetts General Hospital.

Although 10 years old, Squire's seems to be the only mid-sized radiology textbook available, striking a balance between not covering enough and being too detailed (e.g. Grainger and Allison) for non-radiologists. I use this with Basic Radiology by Chung (case-based).

Great book for medical students, whether in the classroom or the clinic. Great explanations with great pictures. On imaging studies you can only read what you know and this book shows you a lot, with great tricks to approaching different imaging modalities. Don't think twice about buying it.

this is a must if you need to study radiology . It has a lot , tons of pictures and I enjoyed reading it . This is the best book in radiology.definitely. thanks.

Walks you through reading films in a logical, repetitive manner. Is a good basic text for beginners. Glad I bought it.

As described.

Excellent

A

Review by a medical student interested in RadiologyThis book is good if you want a starter to book for radiographic images that encompasses a variety of fields of film study. It was an easy read for

each chapters, but way too basic, the author rambles as if you're a 6th grader. So, I only suggest this book if you want only pictures to get an idea of what radiographic films show for some common pathology. The book started with the OVER-SIMPLIFIED anatomy with comparison to the radiographic images. You will need a better book for a more in-depth review of Radiology. There is hardly anything on Neuroradiology, IR, flouroscoy, etc. It was only SLIGHTLY useful for my General Radiology rotation. Plus, most hospitals usually has this book in their library, may be an edition older though. One think that bothered me about the illustrations were that the lesions were usually not labeled, they were just discussed or mentioned within the illustration's caption or the chapter explanation. The book is pricey for what it contains. It should be worth \$40 or less!

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