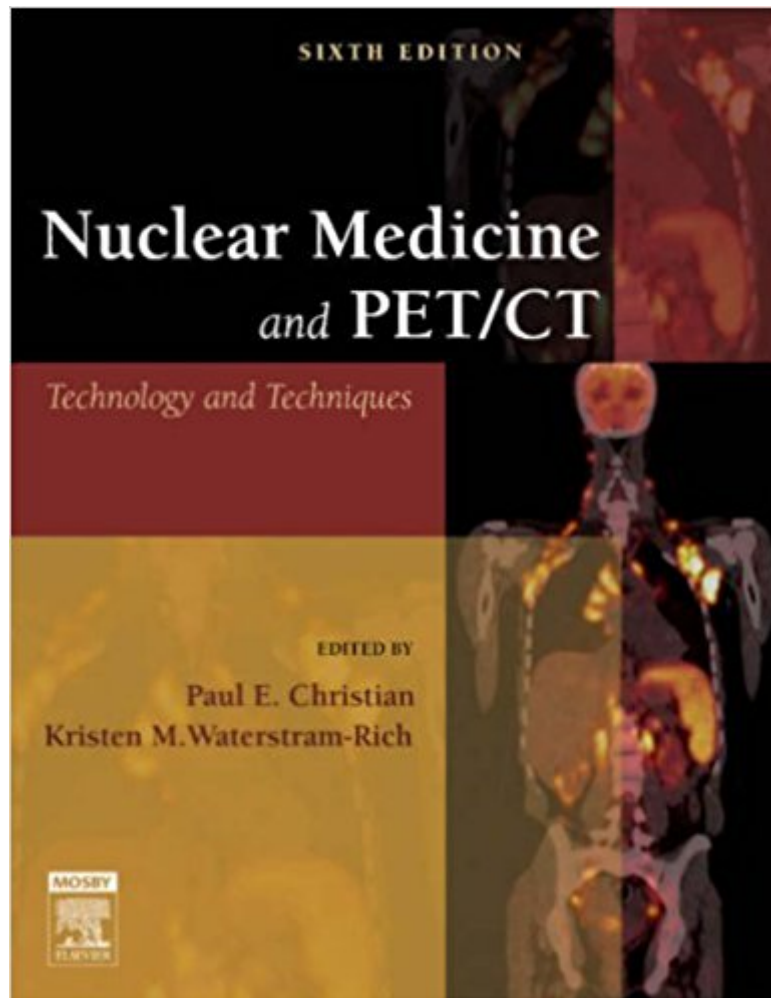




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# Nuclear Medicine And PET/CT Technology And Techniques, 6e



## Synopsis

For more than two decades, this text has succinctly presented the procedures and technologies related to an ever-changing specialty. This 6th edition continues that tradition by providing a general update of all chapters, a new chapter on CT physics and instrumentation, and a revised focus to the increasingly important PET/CT systems. All aspects of nuclear medicine are explored, with a focus on pertinent anatomy and physiology and a discussion of each procedure in relation to the specific use of radiopharmaceuticals and instruments required. Foundation chapters cover basic math, statistics, physics instrumentation, computers, lab science, radiochemistry and pharmacology, allowing the user to understand how and why procedures are performed. High-profile editors and contributors come from a variety of educational and clinical settings, making this an authoritative and comprehensive resource. In-depth procedure discussions provide practical information relevant to clinical practice. Accessible writing style and approach to basic science subjects makes topics understandable, progressing from fundamentals to more complex concepts. A glossary provides definitions of specialized terminology and all important concepts. The focus changes from PET to combined PET/CT, with two chapters covering this topic in detail. New CT Physics and Instrumentation chapter provides the fundamentals of PET/CT studies. Significantly rewritten chapters include Radiation Safety in Nuclear Medicine, Skeletal System, and Inflammatory/Tumor Imaging and Therapy. Color insert is expanded to 8 pages to include clear, full-color PET/CT scans. 40 practice problems are included in the chapter on math and statistics, twice as many as before, with answers in the back of the book. Reader-friendly features include key terms, chapter outlines, and learning objectives. Suggested readings are also included throughout the book. A reference table of radionuclides used in nuclear medicine and PET is added to the appendix.

## Book Information

Series: Nuclear Medicine and PET

Hardcover: 736 pages

Publisher: Mosby; 6 edition (February 16, 2007)

Language: English

ISBN-10: 032304395X

ISBN-13: 978-0323043953

Product Dimensions: 11.1 x 8.8 x 1.3 inches

Shipping Weight: 4.9 pounds (View shipping rates and policies)

Average Customer Review: 3.2 out of 5 stars 7 customer reviews

Best Sellers Rank: #644,025 in Books (See Top 100 in Books) #25 in Books > Medical Books > Medicine > Internal Medicine > Radiology > Nuclear Medicine #138 in Books > Textbooks > Medicine & Health Sciences > Medicine > Clinical > Radiology & Nuclear Medicine > Diagnostic Imaging #194 in Books > Medical Books > Medicine > Internal Medicine > Radiology > Diagnostic Imaging

## Customer Reviews

Helped me graduate

This is a textbook I am currently using. While a first year student this book confused me terribly. As a second year student this book is wonderful. The Instrumentation/Computer chapters (3 & 4) are essential reading prior to taking the boards. In some areas this book is over my ability, but I take from it what pertains to me. This will be a great book during clinicals.

Great book. Lots of color pictures. Well written. It doesn't have that COLLEGE TEXTBOOK language going on where you feel like a peasant trying to figure out what the usual jargon MEANS. only downfall is that it, like all college textbooks, is expensive.

This book is riddled with mistakes and misinformation. The CT, PET and NRC guideline sections are particularly weak. It is difficult to trust anything in this book, so I have had to rely on other sources for accurate information and studying for the boards.

The book is in perfect condition and is everything that they said it would be, but I paid for a specific shipping date to be sure that I would receive it in the amount of time I need it, but the book was received one day late and they gave me some lame excuse as to where the book was and why it was late...plus there was some stupid labeling thing that stated that the book was in stock which apparently means that they have it but it is going to take an extra 1 or 2 days on top of the shipping that you paid for so be ready to wait, but there is nothing on the website that informs the customers about that...I am satisfied with the book but not the service and the run around I received from the company!

This book is full of typos and major errors. I'm not talking about your regular typos like word misspellings -- I'm talking about diagrams that are completely mislabeled with descriptions

appearing alongside the wrong pictures. Your grade will suffer if you try to study and learn from this book.

Since it's my career and had to purchase the book I'm going to go ahead and say it was very informative. More than you need to know to pass the board and state test, but I'd rather be overly prepared than not.

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