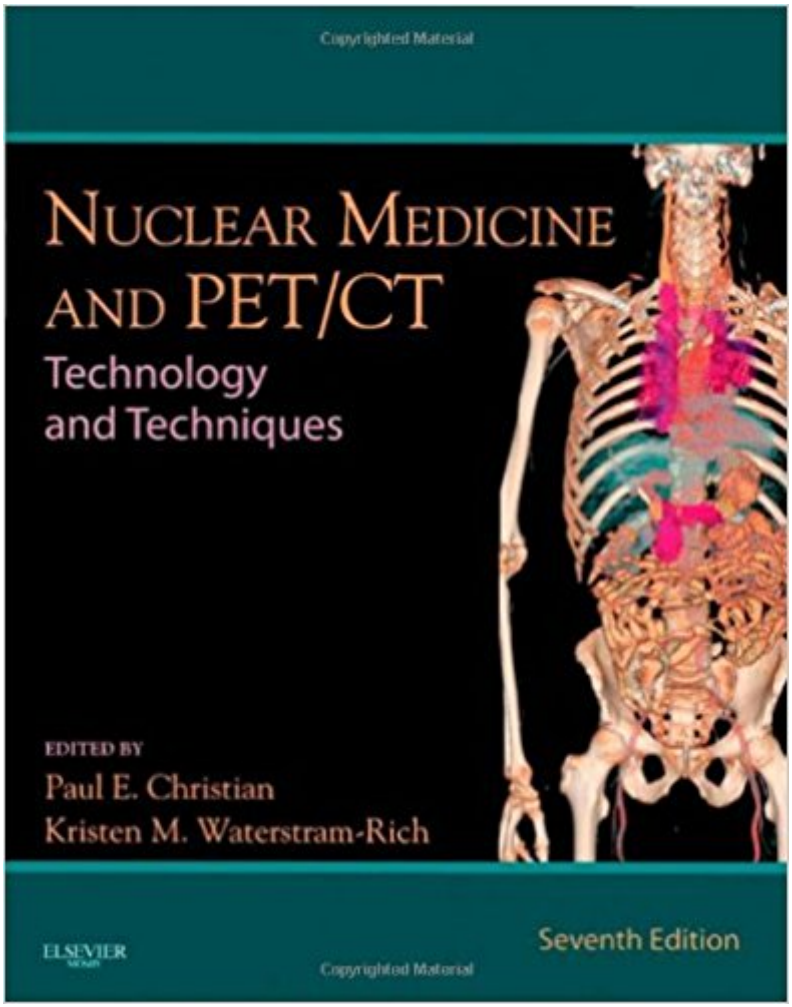
Nuclear Medicine And PET/CT: Technology And Techniques, 7e



Synopsis

A comprehensive guide to procedures and technologies, Nuclear Medicine and PET/CT: Technology and Techniques provides a single source for state-of-the-art information on all aspects of nuclear medicine. Coverage includes relevant anatomy and physiology and discusses each procedure in relation to the specific use of radiopharmaceuticals and the instruments required. Edited by experts in nuclear imaging and PET/CT, Paul E. Christian and Kristen M. Waterstram-Rich, this edition has a new chapter on MRI as it relates to nuclear medicine and includes practical, step-by-step instructions for procedures.PET/CT focus with hybrid PET/CT studies in several chapters provides cutting-edge information that is especially beneficial to working technologists.CT Physics and Instrumentation chapter introduces CT as it is applied to PET imaging for combined PET/CT studies.Authoritative, comprehensive resource conveys state-of-the-art information, eliminating the need to search for information in other sources.Foundation chapters cover basic math, statistics, physics, instrumentation, computers, lab science, radiochemistry, and pharmacology, allowing you to understand how and why procedures are performed.Accessible writing style and approach to basic science subjects simplifies topics, progressing from fundamentals to more complex concepts.More than 50 practice problems in the math and statistics chapter let you brush up on basic math skills, with answers provided in the back of the book.Key terms, chapter outlines, learning objectives, and suggested readings help you organize your study.A table of radionuclides used in nuclear medicine and PET is provided in the appendix for quick reference.A glossary provides definitions of key terms and important concepts.High-profile editors and contributors come from a variety of educational and clinical settings, providing a broad philosophic and geographic perspective. New MRI Physics, Instrumentation and Clinical Introduction chapter provides important background on MRI and its relationship with nuclear medicine.Procedures boxes in body systems chapters provide step-by-step descriptions of clinical procedures.Updates and revisions keep you current with the latest advances.Expanded 16-page color insert includes more diagnostic images demonstrating realistic scans found in practice.

Book Information

Hardcover: 760 pages
Publisher: Mosby; 7 edition (March 18, 2011)
Language: English
ISBN-10: 0323071929
ISBN-13: 978-0323071925

Product Dimensions: 11.1 x 8.8 x 1.4 inches

Shipping Weight: 5.2 pounds (View shipping rates and policies)

Average Customer Review: 4.7 out of 5 stars 6 customer reviews

Best Sellers Rank: #486,440 in Books (See Top 100 in Books) #20 inÃ Â Books > Medical Books > Medicine > Internal Medicine > Radiology > Nuclear Medicine #257 inÃ Â Books > Textbooks > Medicine & Health Sciences > Allied Health Services > Radiological & Ultrasound Technology #288 inÃ Â Books > Medical Books > Allied Health Professions > Radiologic & Ultrasound Technology

Customer Reviews

Great book, very useful

I would give this text an A++!!! Compared to the older version of the same text, in my opinion, the actual text found throughout this newer edition is much more easier to read and easier on the eyes.

It was as expected. Delivery was on time as well.

Good text though was hoping for more PET/CT and less nuclear. Inclusion of MRI is beneficial to students and staff

This book is easy to understand as a beginner. It doesn't have enough technical information and images for my class. So, we use a combination of 2 text books. All my fellow students and I read this book first because it explains nuclear medicine imaging at a basic level.

was exactly what i needed for class

Medicine Imaging: Expert Consult - Online and Print, 6e (Essentials of Nuclear Medicine Imaging (Mettler)) Handbook of Nuclear Chemistry: Vol. 1: Basics of Nuclear Science; Vol. 2: Elements and Isotopes: Formation, Transformation, Distribution; Vol. 3: ... Nuclear Energy Production and Safety Issues. Pet Rock Manual: Instructions on How to Take Care of Pet Rocks and Keep Your Pet Rock Happy (Guides by V.A. Sharp Book 1) PET and PET/CT Study Guide: A Review for Passing the PET Specialty Exam A Dictionary of Nuclear Power and Waste Management With Abbreviations and Acronyms (Research Studies in Nuclear Technology) Nuclear Engineering: Theory and Technology of Commercial Nuclear Power Radiopharmaceuticals in Nuclear Pharmacy and Nuclear Medicine Animal Reincarnation: Everything You Always Wanted to Know! about Pet Reincarnation plus "how to" techniques to see, feel & communicate with your deceased pet Safety in Tritium Handling Technology (Eurocourses: Nuclear Science and Technology) Nuclear Medicine Technology: Procedures and Quick Reference Steves' Review of Nuclear Medicine Technology: Preparation for Certification Examinations Nuclear Medicine Technology: Review Questions for the Board Examinations Rehabilitation Techniques for Sports Medicine and Athletic Training (Rehabilitation Techniques in Sports Medicine (Prentice Hall)) Nuclear Reaction Data and Nuclear Reactors: Physics, Design, and Safety