

Key Features:

NEW to this edition:

- More content on molecular imaging and the latest advances in clinical applications, including positron emission tomography (PET), SPECT/CT, PET/CT, and PET/MRI hybrid imaging.
- Inclusion of newly approved tracers such as Ga68 DOTA, F-18 amyloid, and F-18 PSMA.
- Expanded and integrated content on physics and non-interpretive aspects, including regulatory issues, radiation safety, and quality control.
- Up-to-date applications of nuclear medicine in the endocrine, skeletal, hepatobiliary, genitourinary, pulmonary, gastrointestinal, central nervous, and cardiac systems, as well as PET applications for oncology.

In the outstanding Requisites tradition, the 5th Edition also:

- Summarizes key information with numerous outlines, tables, pearls, pitfalls, and frequently asked questions.
- Focuses on essentials to pass the certifying board exam and ensure accurate diagnoses in clinical practice.
- Helps you clearly visualize the findings you're likely to see in practice and on exams with nearly 200 full-color images.
- Expert Consult™ eBook version included with purchase. This enhanced eBook experience allows you to search all the text, figures, and references from the book on a variety of electronic devices.

Περιεχόμενα:

PART I. BASIC PRINCIPLES

1. Radiopharmaceuticals
2. Molecular Imaging
3. Physics in Nuclear Medicine
4. Radiation Detection and Instrumentation
5. Single-Photon Emission Computed Tomography, Positron Emission Tomography, and Hybrid Imaging

PART II. CLINICAL NUCLEAR MEDICINE

6. Endocrine System
7. Skeletal Scintigraphy
8. Hepatobiliary System
9. Genitourinary System
10. Pulmonary System
11. Oncology: Positron Emission Tomography
12. Oncology: Non-Positron Emission Tomography
13. Gastrointestinal System
14. Infection and Inflammation
15. Central Nervous System
16. Cardiac System
17. Pearls, Pitfalls and Frequently Asked Questions