Essentials of Nuclear Medicine Imaging, Essentials of Nuclear Medicine Imaging -- 5th ed.

Mettler, Fred A.

ISBN: 9780721602011

Ch. 1 Radioactivity, Radionuclides, and Radiopharmaceuticals

Ch. 2 Instrumentation

Ch. 3 Quality Control

Ch. 4 Cerebrovascular System

Ch. 5 Thyroid, Parathyroid, and Salivary Glands

Ch. 6 Cardiovascular System

Ch. 7 Respiratory System

Ch. 8 Gastrointestinal Tract

Ch. 9 Skeletal System

Ch. 10 Genitourinary System and Adrenal Glands

Ch. 11 Conventional Neoplasm Imaging and Radioimmunotherapy

Ch. 12 Genitourinary System

Ch. 13 Inflammation and Infection Imaging

Ch. 14 Legal Requirements and Radiation Safety

Self Evaluation Section

Unknown Case Sets

Answers to Unknown Case Sets

Appendices

A. Characteristics of Radionuclides for Imaging Therapy

B-1. Radioactivity Conversion Table for International System (SI) Units (Becquerels to Curies)

B-2. Radioactivity Conversion Table for International System (SI) Units (Curies to Becquerels)

C-1. Technetium 99m Decay and Generation Tables

C-2. Iodine 131 and Strontium 89 Decay Charts

D. Injection Techniques and Pediatric Dosage

- E. Sample Techniques for Nuclear Imaging
- F. Non-radioactive Pharmaceuticals in Nuclear Medicine
- G. Pregnancy and Breastfeeding
- H-1. General Considerations for Patients Receiving Radionuclide Therapy
- H-2. Special Considerations and Requirements for Iodine 131 Therapy
- I. Emergency Procedures for Radioactive Spills

Index