

## Χαρακτηριστικά:

- **NEW! Respiration heading** emphasizes the importance of proper breathing instructions for maximizing image quality
- **NEW! Patient positioning photos** enhance chapters on the chest, abdomen, pelvis and hip, bony thorax, upper extremity, and lower extremity
- **NEW and UPDATED! Additional figures and content in special imaging modality chapters** represent current practice, protocols, safety measures, and technology in pediatric imaging, computed tomography, magnetic resonance imaging, diagnostic medical sonography, mammography, molecular imaging, nuclear medicine, and radiation oncology
- **UPDATED! Unit values expressed as SI units**, with traditional units provided in parentheses, match the format used in imaging technical texts and the ARRT exam
- **UPDATED! Gonadal shielding guidelines** align with current clinical practice
- **UPDATED! Collimation field sizes and image receptor sizes** are simplified for enhanced clinical relevance
- **STREAMLINED! Rounded decimal values** replace fractions throughout the text
- **Comprehensive, full-color coverage of anatomy and positioning** makes *Merrill's Atlas* the most in-depth text and reference available for radiography students and practitioners
- **Guidelines to each projection** include a photograph of a properly positioned patient and information on patient position, part position, respiration, central ray angulation, collimation, kVp values, structures shown, and evaluation criteria
- **Diagnostic-quality radiograph** for each projection demonstrates the result the radiographer is trying to achieve
- **Coverage of common and unique positioning procedures** includes chapters on trauma, mobile, surgical radiography, geriatrics, and pediatrics to help prepare you for the full scope of situations you will encounter
- **Numerous CT and MRI images** enhance comprehension of cross-sectional anatomy and help in preparing for the Registry examination

## Περιεχόμενα:

### VOLUME ONE

1. Preliminary Steps In Radiography
2. General Anatomy and Radiographic Positioning Terminology
3. Thoracic Viscera: Chest and Upper Airway
4. Abdomen
5. Upper Extremity
6. Shoulder Girdle

7. Lower Extremity
  8. Pelvis and Hip
  9. Vertebral Column
  10. Bony Thorax
- Addendum A: Summary of Abbreviations

#### VOLUME TWO

11. Cranium
  12. Trauma Radiography
  13. Contrast Arthrography
  14. Myelography and Other Central Nervous System Imaging
  15. Digestive System: Salivary Glands, Alimentary Canal, and Biliary System
  16. Urinary System and Venipuncture
  17. Reproductive System
  18. Mammography
  19. Bone Densitometry
- Addendum B: Summary of Abbreviations

#### VOLUME THREE

20. Mobile Radiography
21. Surgical Radiography
22. Pediatric Imaging
23. Geriatric Radiography
24. Sectional Anatomy for Radiographers
25. Computed Tomography
26. Magnetic Resonance Imaging
27. Vascular, Cardiac, and Interventional Radiography
28. Diagnostic Medical Sonography
29. Nuclear Medicine and Molecular Imaging
30. Radiation Oncology