

1. Record Nr.	UNINA9910300203103321
Titolo	Radiology Fundamentals : Introduction to Imaging & Technology // edited by Harjit Singh, Janet A. Neutze, Jonathan R. Enterline
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-10362-8
Edizione	[5th ed. 2015.]
Descrizione fisica	1 online resource (358 p.)
Disciplina	610 616.07/57
Soggetti	Radiology Interventional radiology Nuclear medicine Diagnostic Radiology Interventional Radiology Nuclear Medicine
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Part 1. Introductory Section -- Chapter 1. Radiation Safety and Risk -- Chapter 2. Introduction to Radiology Concepts -- Chapter 3. Conventional Radiology -- Chapter 4. Ultrasound -- Chapter 5. Computed Tomography -- Chapter 6. MRI -- Chapter 7. Introduction to Nuclear Medicine -- Chapter 8. Cardiovascular and Interventional Radiology -- Part 2. Chest Section -- Chapter 9. Heart and Mediastinum -- Chapter 10. Coronary CTA -- Chapter 11. Lateral Chest -- Chapter 12. Pulmonary Mass Lesions -- Chapter 13. Air Space Disease -- Chapter 14. Interstitial Disease -- Chapter 15. Atelectasis -- Chapter 16. Pulmonary Vasculature -- Chapter 17. Pulmonary Edema -- Chapter 18. Pulmonary Embolism -- Chapter 19. Pneumothorax -- Chapter 20. Miscellaneous Chest -- Chapter 21. Tubes and Lines -- Part 3. Women's Section -- Chapter 22. Breast Imaging -- Chapter 23. Women's Ultrasound -- Chapter 24. Women's Health Interventions -- Part 4. Abdominal Section -- Chapter 25. Abdominal Calcifications -- Chapter 26. Abdominal Hardware and Tubes

-- Chapter 27. Abnormal Air Collections of Abdomen -- Chapter 28. Bowel Obstruction -- Chapter 29. Concerning Abdominal Masses -- Chapter 30. Fluoroscopic Evaluation of the Upper GI Tract and Small Bowel -- Chapter 31. Imaging of the Colon -- Chapter 32. Imaging of the Gallbladder -- Chapter 33. Incidental Abdominal Lesion -- Chapter 34. Inflammatory and Infections Bowel Disease -- Chapter 35. Intra-abdominal Lymphadenopathy -- Part 5. Nuclear Medicine Section -- Chapter 36. Nuclear Medicine Cardiac Imaging -- Chapter 37. Gastrointestinal Nuclear Medicine -- Chapter 38. Oncological Nuclear Medicine -- Chapter 39. Pulmonary Nuclear Medicine -- Chapter 40. Skeletal Nuclear Medicine -- Part 6. Interventional Radiology Section -- Chapter 41. Diagnostic Arteriography -- Chapter 42. Pulmonary Arteriography and IVC Filter Placement -- Chapter 43. Percutaneous Nephrostomy Placement -- Chapter 44. TIPS -- Chapter 45. Central Venous Access -- Chapter 46. Interventional Oncology -- Part 7. Musculoskeletal Section -- Chapter 47. Fractures 1 -- Chapter 48. Fractures 2 -- Chapter 49. Bone Tumor Characteristics -- Chapter 50. Arthritis -- Part 8. Neuroradiology Section -- Chapter 51. CNS Anatomy -- Chapter 52. The Cervical Spine -- Chapter 53. Head Trauma -- Chapter 54. Stroke -- Chapter 55. Headache and Back Pain -- Part 9. Pediatrics Section -- Chapter 56. Pediatric Radiology Pearls.

Sommario/riassunto

This book is a concise introduction to the dynamic field of radiology and provides readers with general examples and brief discussions of basic radiographic principles. Introductory chapters present fundamental scientific concepts underlying the medical use of imaging modalities and technology, including ultrasound, computed tomography, magnetic resonance imaging, and nuclear medicine. Subsequent chapters are organized by anatomic region and imaging modality that highlight the radiologist's role in diagnosing and treating common disorders. This revised edition is thoroughly updated and includes new or expanded chapters on nuclear medicine and pediatric radiology. Radiology Fundamentals, Fifth Edition, is a premier self-directed learning resource for medical students, non-radiology housestaff, physician assistants, nurse practitioners, radiologist assistants and other allied health professionals.
