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Descrizione fisica	1 online resource (XII, 249 pages, 179 illustrations, 167 illustrations in color.)
Disciplina	616.99477
Soggetti	Radiology Family medicine Oncology Physicians (General practice) Positron Emission Tomography Computed Tomography Magnetic Resonance Imaging Sarcoma Melanoma
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	What is Positron Emission Tomography? -- Patient Preparation for FDG PET with an Emphasis on Soft Tissue Sarcoma and Melanoma: What Matters (and What Doesn't) -- PET/CT and PET/MR in Soft Tissue Sarcoma and Melanoma Patients: What to Image and How to Image It -- Systematic Approach to Evaluation of Melanoma and Sarcoma with PET -- Review of PET/CT Images in Melanoma and Sarcoma: False-Positives, False-Negatives and Pitfalls -- PET beyond pictures -- The Role of PET/CT in Melanoma Patients: A Surgeon's Perspective -- PET in Sarcoma – Surgeons Point of View -- FDG PET in the Diagnosis and Management of Pediatric and Adolescent Sarcomas -- Beyond FDG: Novel Radiotracers for PET Imaging of Melanoma and Sarcoma -- Future Directions of PET and Molecular Imaging and Therapy with an Emphasis on Melanoma and Sarcoma.
Sommario/riassunto	This is a comprehensive guide for patient preparation, image

acquisition, and image interpretation for PET/CT and PET/MR, specifically relevant to melanoma and sarcoma. Imaging specialists and referring physicians are often not as intimately aware of the particulars of PET imaging in management of patients with melanoma and sarcoma and how it could affect their treatment. This book fills that gap by presenting comprehensive information on melanoma, sarcoma, and the role of PET imaging in their diagnosis and management. The book begins by covering the basics of imaging for practicing physicians and trainees. Expert authors then further cover the biological concepts of melanoma and sarcoma and how they relate to imaging, particularly PET, the oncologist's perspective, and the surgeon's perspective on imaging for both the imaging specialist and the referring physician. Chapters review topics such as: PET/CT and PET/MR images in melanoma and sarcoma from a systemic approach, false-positives, false-negatives, pitfalls, and molecular imaging beyond PET. Images are used extensively throughout to enhance understanding for the reader. This is an ideal guide for radiologists, nuclear medicine physicians, oncologists, surgeons, trainees and technologists.
