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Descrizione fisica	1 online resource (144 pages) : illustrations (some color)
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Nota di contenuto	1. 1. Current and emerging applications -- 2. Technical Improvements -- 3. Oncology -- 4. Prostate imaging -- 5. Female Pelvis -- 6. PET/MRI and Molecular Imaging in Breast Cancer -- 7. Neurodegeneration imaging -- 8. Cardiac PET/MRI -- 9. PET/MRI in Inflammatory Diseases.-10. Pediatric imaging.
Sommario/riassunto	This book offers an excellent overview of the current applications of PET/MR imaging. Detailed information is provided on both its principal oncologic applications and its most important non-oncologic applications, such as assessment of cardiac disease, neurodegenerative brain imaging, and imaging of inflammatory disease. In addition, the future of PET/MR imaging is closely scrutinized, highlighting the anticipated major advances in the diagnostic value of hybrid imaging, the emerging role of PET/MR imaging in monitoring response in patients receiving targeted drug therapy, and progress toward the development of new tracers. An individual chapter is also devoted to pediatric imaging. The editors and authors are all well-known specialists in the field, with high levels of expertise in clinical applications and excellent publication records. The authors and editors represent both fields of hybrid imaging, in terms of nuclear medicine and radiology as to guarantee presentation of expertise and knowledge from both "worlds". The book will be of value for all residents and consultants in radiology and nuclear medicine who have a dedicated

interest in hybrid imaging. .

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