



Positron Emission Tomography A Guide for Clinicians

By -

Springer. Hardcover. Condition: New. 108 pages. This book provides basic information about the relatively new and evolving technology positron emission tomography- for its clinical applications and practical guidance for the referring physicians. Chapters cover application of PET in various clinical settings including oncology, cardiology, and neurology with a focus on role in various cancers. Because most of the new PET equipments come as hybrid machines with CT or MRI, two chapters have been included at the end of the book to provide basic and comprehensive information about these two technologies. Molecular imaging is going to revolutionize the way we practice medicine in the future. It will lead to more accurate diagnosis of diseases and its extent which will lead to better management and better outcomes. In the history of medicine no imaging modality has ever become so popular for use in such a short time as has the PET technology. PET imaging is mostly used in oncology, neurology and cardiology but also finds application in other situations such as infection imaging. The main focus, of course, is in management of cancer patients. PET (PET-CT) is not only very sensitive as it can detect changes in abnormal biochemical processes at cellular...



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