Clinical PET and PET/CT is an excellent compact yet thorough textbook that covers the evolving field of positron emission tomography (PET) and PET-CT in a very concise form. This practical manual contains 279 pages and 145 figures. Clinical PET and PET/CT is written for everyone dealing with molecular and functional imaging, including neurologists, neurosurgeons, cardiologists, internists, and oncologists, and for whom an advanced accurate diagnostic imaging has implications for treatment.

The book is divided into 18 chapters. The first two chapters cover physics, chemistry, instrumentation, and radiotracers of PET (fluorine 18 (18F) fluorodeoxyglucose (FDG)) imaging and introduce how PET-CT works and which benefit it brings. In the next 16 clinical chapters the clinical use and applications of PET and PET-CT are systemically reviewed. Within each chapter, the emphasis is appropriately focused on the oncological applications of PET and PET-CT. The chapter 7 contains a very comprehensive discussion of clinical benefit of PET and PET-CT in the staging of lung cancer. It remains to hope that in the forthcoming editions with performing new clinical and experimental studies with PET-CT more pages and chapters will be dedicated to PET-CT (specially its role in the evaluation of prostate cancer).

The quality of the printing illustrations and figures is good and the text is clearly written and is easy to understand. In conclusion, I find Clinical PET and PET/CT as a useful reference for all radiologists and clinicians who wish to learn about PET and PET-CT quickly and like to increase their knowledge in the new area of fusion imaging. As such, it is a valuable addition to a personal or institutional library.

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