PET and PET/CT have been increasingly used as effective imaging modalities in the management of patients with cancer, neurologic disease, musculoskeletal disease, and cardiac disease. *PET and PET/CT: A Clinical Guide, Third Edition* by world renowned molecular imaging pioneer Abass Alavi and esteemed diagnostic and nuclear radiologist Eugene Lin features the latest advances in PET technology in an easy-to-read format.

The book lays a solid foundation with opening chapters on scanner physics, radionuclide basics, study interpretation, patient preparation, quantitative whole-body PET/CT imaging, normal variants, benign findings, and clinical applications.

**Key Highlights**

- Oncology-related chapters include the use of PET for rare and common cancers — from brain neoplasms and musculoskeletal tumors — to breast and colorectal cancers
- Updated with the latest scientific literature and guidelines
- Specialized topics include Gadolinium-68 imaging techniques, pediatric PET/CT, utilization for radiation therapy planning and infection and inflammation evaluations, and neurological and cardiac applications
- A state-of-the-chapter on PET/MRI
- More than 500 high-quality images, including many in full color

Succinct yet comprehensive, this state-of-the-art book will enable clinicians to master a highly complex imaging discipline at an accelerated pace. Residents and veteran practitioners in the fields of nuclear medicine, radiology, oncology, radiation oncology, and nuclear medicine technology will benefit from reading this resource.

**COMPETITION**


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