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An Overview of Clinical PET/CT

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Abstract:

This article is intended to provide an overview of various aspects of clinical PET/CT. These include discussions of: (i) Important areas of clinical application; (ii) Opportunities in clinical research; (iii) Scanner and operating-mode considerations (e.g. BGO vs. LSO, LYSO or GSO scanners, 2D vs. 3D imaging). (iv) Study-specific considerations (e.g. patient preparation and positioning issues, injected dose, use of CT contrast agents).

Keywords:

[Clinical](#) , [Brain imaging](#) , [PET/CT](#) , [FDG](#) , [Anatometabolic imaging](#) , [Oncology](#) , [Cardiology](#) , [2D vs. 3D](#) , [BGO](#) , [LSO](#) , [LYSO](#) , [GSO](#)

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