

Common Uses of PET/CT

Oncology

- Determine benign from malignant tumors in suspicious areas
- Survey the whole body for cancer that may have spread
- Monitor success of therapy
- Detect recurrent tumors
- Assess tumor aggressiveness

Cardiology

- Determine what heart tissue is still alive following a suspected heart attack
- Predict success of angioplasty (balloon) or bypass surgery

Neurology

- Dementia – detect signs indicative of Alzheimer's and other dementia
- Epilepsy - determine the precise location for surgery
- Parkinson's – assist physicians in the diagnosis of movement disorders

The key benefits of PET/CT are:

- Safe, non-invasive diagnostic procedure
- Detailed diagnostic information not available from independent CT and MRI tests
- Complete full body PET/CT scan in one exam means shorter time for definitive diagnosis
- Improved detection of disease with fewer invasive diagnostic procedures
- Precise staging of the disease and better monitoring of cancer recurrences
- More effective tracking of the results of treatment therapy



A Patient Guide to PET/CT



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What

do I need to know about

PET/CT

exams?