The Key Role of Nuclear Technology in Medical Diagnosis for: Neurological Diseases
Focus on Dementia

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FDG PET shows more marked abnormalities. Which patient has Alzheimer’s disease?

Alzheimer’s disease

No dementia
Early Diagnosis

Progression of Alzheimer’s disease revealed by PET
Abnormal Molecules in Alzheimer’s Disease

- Neurofibrillary tangle
- Tau
- Amyloid
- Senile Plaque
Imaging Abnormal Molecules in Living Patients

Amyloid PET

Tau PET
Molecular Imaging for Brain Disorders

• Guide clinical management and treatment
• Support patient’s family and caregivers
• Assist drug development
Enhancing Capacity of Neuroimaging and Biomarkers: Application in Early-stage Alzheimer's Disease with Comorbidities
Thank you