

Table 1

Biomarkers for Alzheimer's disease (adapted from Albert et al, 2011¹¹)

Biomarkers of amyloid-beta protein (A β) deposition

- Decreased CSF A β 42
- Increased cortical binding on PET amyloid imaging

Biomarkers of neuronal injury

- Increased CSF tau/phosphorylated-tau
- Hippocampal or medial temporal lobe atrophy by volumetric measures or visual rating on structural imaging
- Accelerated rate of brain atrophy
- Temporoparietal hypometabolism on FDG-PET imaging
- Temporoparietal hypoperfusion on HMPAO-SPECT imaging

PET = positron emission tomography; FDG = fluorodeoxyglucose;

HMPAO = hexamethylpropyleneamine oxime; SPECT= single photon emission tomography