Biomarkers of AD

Why use cerebrospinal fluid biomarkers for AD dementia diagnosis?


**CSF biomarker analysis increases diagnostic certainty**

2. Buchave et al., Cerebrospinal fluid levels of β-amyloid 1-42, but not of tau, are fully changed already 5 to 10 years before the onset of Alzheimer dementia. *Arch Gen Psychiatry* (2012) 69(1): 98-106

**Why measure AD biomarkers in CSF and not blood**

Lumbar puncture execution


CSF processing and biomarker analysis

Benefits of an early diagnosis and disclosure

7. Derksen E et al. Impact of diagnostic disclosure in dementia on patients and carers: Qualitative case series analysis. Aging Ment Health (2006); 10(5):525-531.

Consensus Guidelines and results interpretation / disclosure

**Interpretation**


**Dementia types overview**

The dementias: Hope through Research, NIH publication (2015)
https://www.nia.nih.gov/alzheimers/publication/dementias

**Atypical:**


**Early Onset:**


**Rapidly progressing:**


**Testing limitations and results disclosure**