Differential Diagnosis of Dementia & Cognitive Impairment

Dementia Neuropsychology · https://neuro.vip/neuropsychology/dementia-neuropsychology/differential-diagnosis-of-dementia-cognitive-impairment/

Cortical Dementias

Alzheimer's Disease Dementia

- Amnestic variant
- Posterior cortical atrophy / Posterior variant (PCA)
- Logopenic variant primary progressive aphasia (lvPPA) (Atypical Alzheimer's)

Frontotemporal Dementia (FTD)

Language Variant

- Primary progressive aphasia (PPA)
  - Semantic variant primary progressive aphasia (svPPA)
  - Nonfluent agrammatic primary progressive aphasia (nfaPPA)

Behavioural Variant

- Behavioural variant fronto-temporal dementia (bvFTD)

Subcortical Dementias

- Vascular cognitive impairment
- Parkinson's disease dementia
- Huntington's disease dementia

Atypical Parkinsonian Syndromes

- Progressive supra-nuclear palsy (PSP)
- Multiple system atrophy (MSA)

Cortico-subcortical Dementias

- Corticobasal degeneration (CBD)
- Creutzfeldt-Jakob disease dementia
- Dementia with Lewy Bodies (DLB)

Other differential diagnoses

- Accelerated long-term forgetting
- Delirium
- Mild Cognitive Impairment (temporary or prodromal to a dementia syndrome)
- Pseudodementia
- Cognitive impairment due to:
  - alcohol toxicity
  - anaesthesia
  - genetic and developmental disorders
  - hydrocephalus
  - multiple sclerosis
  - stroke
  - traumatic brain injury
  - pharmacotherapies
  - radiation treatment
  - surgery
  - toxic chemicals
  - and more!