

Week 1

- ✚ Russian – qualitative – Alexander Luria – case studies
- ✚ American – quantitative – Roger Sperry – group studies

Purpose of a neurological assessment -why assess?

- ✚ differential diagnosis
- ✚ delineate competencies
- ✚ establishing a profile of cognitive strength & weaknesses to establish baseline
- ✚ provide insight into behavioural and/or emotional anomalies
- ✚ counsel patient and family
- ✚ evaluate rehabilitation potential
- ✚ disease progression
- ✚ surgical intervention
- ✚ pharmacologic intervention

Who needs an assessment & who can do an assessment

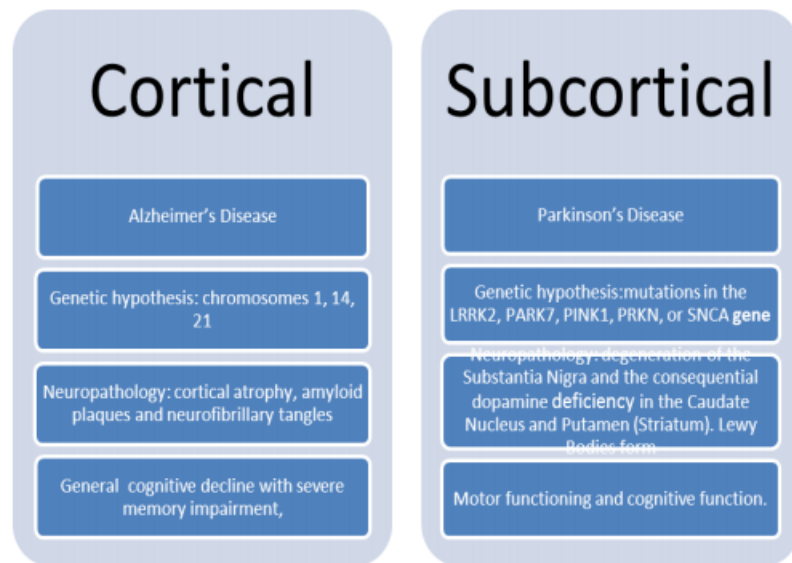
- ✚ Any disorder with a suspected organic basis that may impact on cognitive function.
- ✚ A neuropsychologist may thus be required to assess a wide age range from a diverse population to establish sequelae of TBI, ABI or substance abuse,
- ✚ the impact of a number of disease processes
- ✚ Patients presenting with a spectrum of soft neurological signs
- ✚ Barriers to learning or degenerative processes

SA context – practitioner must:

- ✚ Have suitable measuring instruments
- ✚ Appropriate experience & sufficient cultural knowledge to discriminate between environmentally-expectant & dependant developmental factors.

Where do you start?

- ✚ Examine reports from other professionals, work , school, hospital records & brain images
- ✚ Interview patient with collateral info from family
- ✚ Decide whether to use a standard battery/ flexible approach
- ✚ Consider the requirements of an ideal assessment & the need to assess all modalities (visual, auditory, kinaesthetic ,verbal/non-verbal) as well as qualitative clinical observations
- ✚ Consider culture, language, intelligence & educational background of the patient
- ✚ Whether test is appropriately graded difficulty, reliable & valid (does it measure what it says it measures in an ecologically appropriate way)
- ✚ Whether appropriate norm standards are available



Domains evaluated

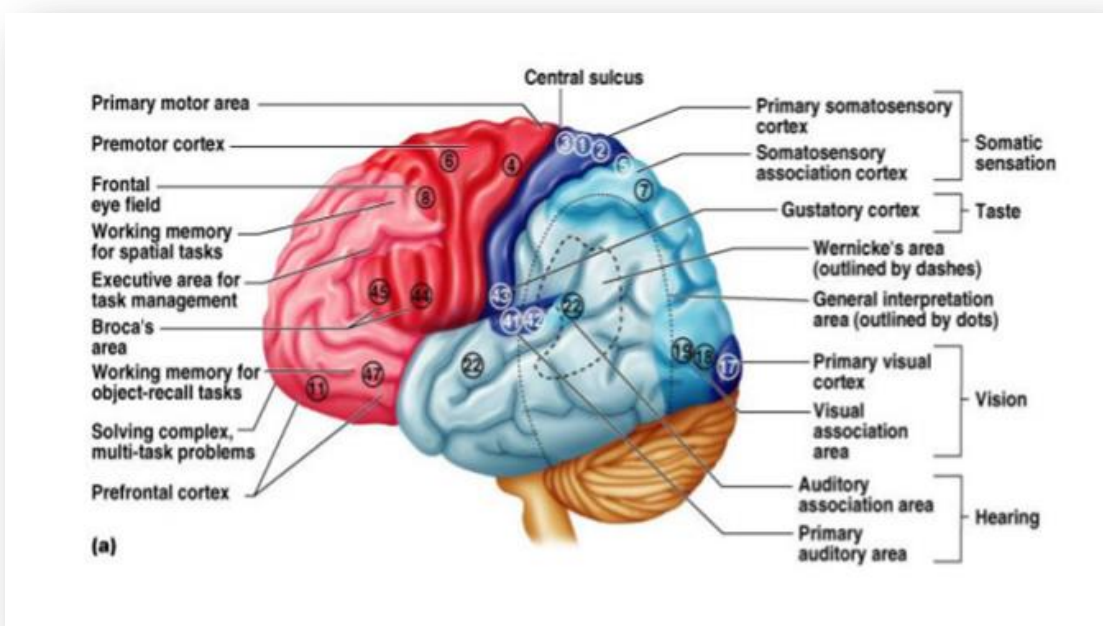
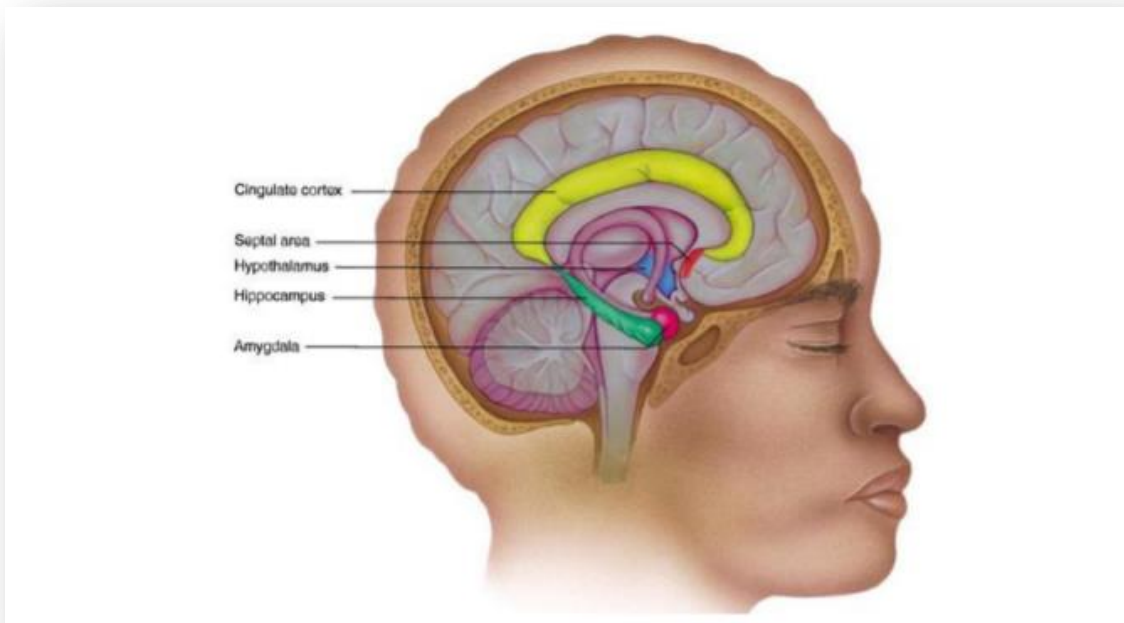
Neuropsychological test- MOCA	Informant questionnaire - ADCQ
Visuospatial / executive	Recent memory
Naming	Executive function
Memory	Language
Attention	Visuospatial
Abstraction	Mood & behaviour
Delayed recall	Progression
Cued recall	
Abstraction	

Pros of MOCA test

- ✚ Requires only patient (not the caregiver) to be present
- ✚ Test and Instructions freely available on the web (www.mocatest.org)
- ✚ Clear Instructions and scoring
- ✚ Translated into 30 + languages
- ✚ Covers multiple cognitive domains (orientation, memory, attention, language, executive function, visuo-spatial function)
- ✚ Accuracy > MMSE for AD and MCI

Cons of MOCA test

- ✚ Takes 10 minutes to administer
- ✚ Requires patient to be present
- ✚ Requires patient to be cooperative
- ✚ Requires staff time to administer



****PREVIEW****

