

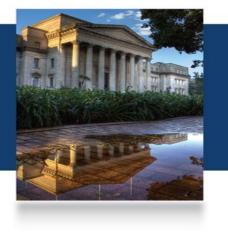
Diagnostic test accuracy of cognitive & occupational performance test used in the identification of HIV associated neurocognitive disorders

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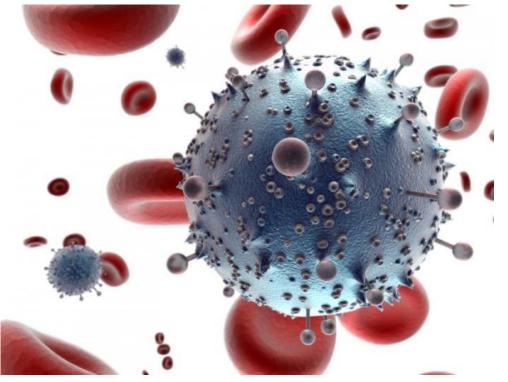






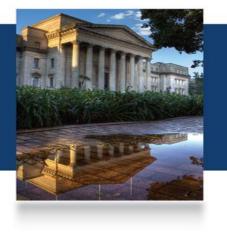
Introduction

- > 35.3 million people = HIV+
- 70% live in Africa
- ↓ occupational performance
- Effective management!!!





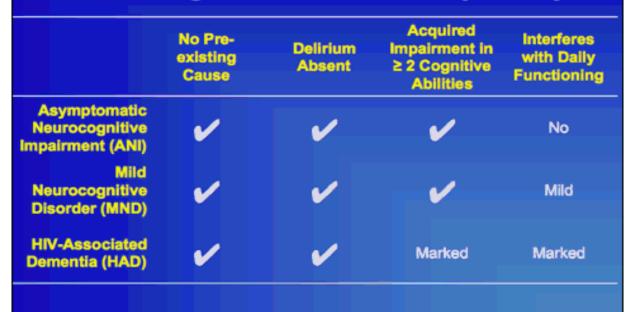




Introduction

- HAART \implies chaart
- Life preservation \implies quality of life
- HIV Associated Neurocognitive Disorders

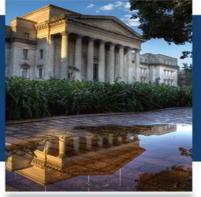
Definition of HIV-Associated Neurocognitive Disorders (HAND)



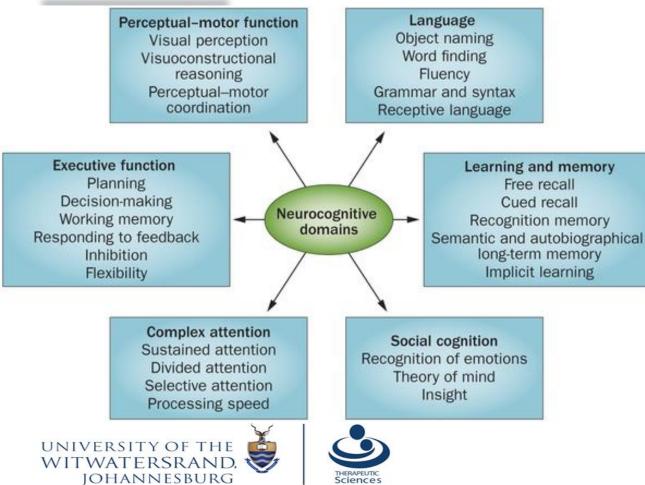
Antinori et al, Neurology 2007, 69: 1789-99





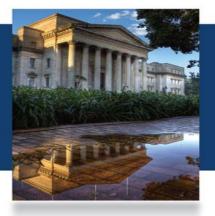


Objectives



- To pool data related to the psychometric properties
- To determine the accuracy (sensitivity & specificity) of tests
- Narrative synthesis





Methodology

Diagnostic Test Accuracy: Systematic Review

• Reference:

- Traditional Neuropsychiatric Battery
 - Premorbid ability
 - Motor/fine motor skills
 - Attention & working memory
 - Psychomotor speed / reaction time
 - Learning & memory
 - Executive functioning
 - Language & visioconstruction

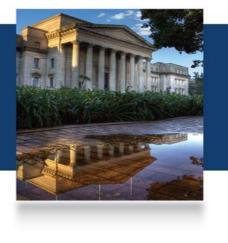
• Index:

- Montreal Cognitive Assessment (MoCA)
- Mini-Mental Status Examination (MMSE)
- HIV Disability Scale (HDS)
- International HIV Disability Scale (IHDS)







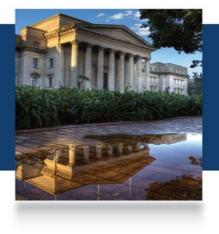


Key Findings

- Cryptic titles for journal articles
- Unclear statistical reporting
- Latent variable: criteria for measurement
- accuracy (sensitivity & specificity)







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Thank you!

