

Knight ADRC Core Data and Tissue Available for Sharing

Clinical Core:

The Clinical Dementia Rating (CDR) originated at Washington University. Since 1979 the Clinical Core has assessed participants with an informant based semi-structured interview assessing six cognitive domains in order to render the CDR. Two cohorts have had longitudinal clinical assessment: 1.) participants, ages 65 and older and 2.) starting in 2003, participants, ages 45-74. **See the Clinical Core Codebook for specific variables available ([Link here](#)).** The following items are available from this interview:

- Global Clinical Dementia Rating (CDR)
- CDR sum of boxes (SOB)
- Diagnostic Impression
- Hollingshead Index of Social Position
- Short Blessed Test (SBT)
- Mini Mental State Exam (MMSE) (since 1996)
- Blessed Dementia Scale Cognitive (BDS)
- Short Portable Mental Status Questionnaire (SPMSQ)
- Geriatric Depression Scale (GDS)
- Boston Diagnostic Aphasia Examination Rating Scale Profile of Speech Characteristics
- Rosen Modified Hachinski Ischemic Scale
- Physical Performance Test (Reuben, modified)
- Health History
- Medication List (text-based)
- Blood Pressure, Pulse, Height and Weight, abdominal girth
- Neuropsychiatric Inventory Questionnaire (NPI-Q)
- Functional Assessment Questionnaire (FAQ)
- Unified Parkinson's Disease Rating Scale (UPDRS)

Psychometrics:

The Psychometric component of the Clinical Core provides longitudinal neuropsychological evaluation of a broad range of memory, executive function, and visuospatial skills. For a list of the current content of the psychometric battery, visit the Psychometric Codebook ([include hyperlink](#)).

The Table of Contents in the Codebook is hyperlinked. When a hyperlink is clicked, you are taken to the page with the information you requested. If there are other scores and tests present on that page you may need to scroll down to find exactly what you requested. It is, however, on the page that appears. You can save a copy of the codebook to your computer from the Codebook window by click on the "Save a Copy" button in the toolbar. This copy will also contain the hyperlinked Table of Contents. The Psychometric Codebook also includes information about tests used in the past but no longer administered.

Genetics Core

Tissue

- non-fasted plasma (began collecting in early 1996, q 3 year redraw)
- non-fasted serum (began collecting in late 1999, q 3 year redraw)
- DNA

Data

- APOe genotype.

Biomarker Core

Tissue

- Fasted CSF (500uL aliquots)
- Fasted plasma (300-500uL aliquots)

Data

- Data Values:
 - CSF A β ₁₋₄₂
 - total tau
 - ptau181 (Innotest ELISA)

Imaging Core

- Volumetric MRI (1.5T and 3T) - cortical volumes, thickness, whole brain volumes (To be available in the future)
- Mean Cortical Binding Potentials (MCPB's) derived from Pittsburgh Compound B (PIB) Positron Emission Tomography (PET)

Neuropathology Core

- formalin-fixed
- paraffin-embedded sections
- frozen brain tissue (stored at -80°C)