

Supplemental Table 1. Components of the neuropsychiatric battery in the Dialysis and Cognition Study.

Function Assessed	Cognitive Test	Scoring	Test Details
Cognitive Screen	Mini-Mental State Exam	Number Correct	Thirty-point questionnaire that samples abilities such as arithmetic, memory, and orientation.
Intelligence	North American Adult Reading Test	$128.7 - (0.89 * \# \text{ of errors})$	Estimation of verbal intelligence quotient that requires subjects to read a list of 61 words out loud.
Supraspan Learning & Word Recall	Immediate Recall*	Total initially correct	A test of memory in which a list of 12 words is presented during 4 trials, and retention of these words is tested after a delay of 25 to 35 minutes. Calculated scores include <i>immediate recall</i> (which is the sum of words recalled during the 4 trials), <i>percent retention</i> [(delayed recall / trial 4 of immediate recall) x 100], and <i>delayed recognition</i> .
	Percent Retention*	Percent recall after delay	
	Delayed Recognition*	Number of correctly identified words	
Visual Construction & Fluid Reasoning	Block Design^	Number completed weighted for time	Subjects are required to reproduce depicted patterns using a set of colored blocks.
Attention, Mental Processing Speed, & Executive Function	Digit Symbol-Coding^	Number of copied symbols in 2 minutes	Symbols are decoded by matching a given symbol to a digit provided in an answer key.
	Trail Making Test A	Time to Completion	“Connect-the-dots” for a consecutive number sequence from 1 to 25.
	Trail Making Test B	Time to Completion	“Connect-the-dots” alternating between numbers (1 to 13) and letters (A to L).

* Derived from the Word List Learning subtest of the Wechsler Memory Scale - III (WMS-III)

^From the Weschler adult intelligence scale