

Outcome Measure	National Institute of Health toolbox
Sensitivity to Change	Unknown
Population	Adult
Domain	Neuropsychological Impairment
Type of Measure	Objective test
ICF-Code/s	b1
Description	<p>NIH Toolbox is a multidimensional set of brief measures assessing cognitive, emotional, motor and sensory function from ages 3 to 85, meeting the need for a standard set of measures that can be used as a “common currency” across diverse study designs and settings.</p> <p>By using multiple constructs of each domain, the NIH Toolbox monitors neurological and behavioral function over time, and measures the domain constructs across developmental stages. This facilitates the study of functional changes across the lifespan, including evaluating intervention and treatment effectiveness.</p> <p>This battery, recommended for ages 7+, consists of tests to assess Executive Function, Attention, Episodic Memory, Language, Processing Speed and Working Memory.</p> <p>Administering this battery will yield the following summary scores, in addition to individual measure scores: Cognitive Function Composite Score and the Crystallized Cognition Composite Score (includes Picture Vocabulary and Reading Recognition measures).</p> <p>EF: Dimensional Change Card Sort Test, Flanker Inhibitory Control and Attention Test Attention: Flanker Inhibitory Control and Attention Test Episodic Memory: Picture Sequence Memory Test, Auditory Verbal Learning Test (Rey) Language: Picture Vocabulary Test, Oral Reading Recognition Test Processing Speed: Pattern Comparison Processing Speed Test Working Memory: List Sorting Working Memory Test</p>
Properties	Properties have not been described here as decision already made that this measure will not be recommended.
Advantages	<ul style="list-style-type: none"> • A recommended measure in the Wilde et al., 2010 paper and 2012 website
Disadvantages	<ul style="list-style-type: none"> • Fees may apply for use of the NIH Toolbox in projects not funded by NIH.
Additional Information	

Reviewers	Skye McDonald
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References

Wilde, E. A., Whiteneck, G. G., Bogner, J., Bushnik, T., Cifu, D. X., Dikmen, S., . . . Malec, J. F. (2010). Recommendations for the use of common outcome measures in traumatic brain injury research. *Archives of Physical Medicine and Rehabilitation, 91*(11), 1650-1660. e1617.