

Measuring Executive Function

Summary

- **Study director:** [Joel Kramer, PsyD](#)
- **Sponsor:** National Institute of Neurodegenerative Disorders and Stroke (NINDS), a division of the National Institutes of Health (NIH)
- **Recruiting?:** Yes
- **Official study title:** Domain Specific Tasks of Executive Function
- **Conditions studied:** Full range of early development, aging and neurodegenerative diseases
- **Purpose:** The purpose of this research study is to more reliably and validly measure executive function across a variety of diagnoses, ages, education levels and races.

Eligibility

- **Inclusion criteria:** Patients with executive function deficits and healthy age matched normal controls:
 - Normal Controls and/or patients with known or suspected neurological or psychiatric condition such as [Alzheimer's disease \(AD\)](#) , [frontotemporal dementia \(FTD\)](#) , [mild cognitive impairment \(MCI\)](#) , [progressive supranuclear palsy \(PSP\)](#) , [Huntington's disease \(HD\)](#) , depression, [multiple sclerosis \(MS\)](#) , [adult epilepsy](#) , attention deficit hyperactive disorder (ADHD), neurological focal lesions
 - Participants must be at between 5-90 years old
 - Must speak fluent English and/or Spanish
 - Subjects that are incapacitated to consent for themselves must have an informant to participate in this study
- **Exclusion criteria:** None

What is involved?

- **Testing:** Participants will be administered several computer-based, paper-and-pencil and oral neuropsychological tests. The participant will be asked to make choices about the material presented to them, in a timed manner, based on the instructions for each test. They will indicate their responses either by pressing a button, writing down answers with pencil or pen or giving an oral answer. These tests measure different components of executive function. If the participant has an informant, s/he may be asked to participate in objective interviews or questionnaires about the participant.
- **Frequency of visits:** Participation in the study will take a total of between 30-180 minutes, either in one visit or over several visits depending upon your availability.
- **Materials needed prior to evaluation:** None
- **Costs:** No costs will be charged for any of the study procedures.

Contact information

- **Coordinators:**
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