diagnostic / imaging studies | investigational drug studies | interview studies | behavioral studies

PENN MEMORY CENTER RESEARCH

LEADS
Longitudinal Early-Onset Alzheimer's Disease Study

The Longitudinal Early-Onset Alzheimer's Disease Study (LEADS)

The Longitudinal Early-onset Alzheimer's Disease Study is a non-treatment national research initiative for adults diagnosed with early onset cognitive decline and cognitively normal adults. Researcher will collect data from both groups in order to better understand early onset Alzheimer's disease and other causes of early onset cognitive decline.

The study will look at the relationship between clinical, cognitive, imagine, genetic and biomarker tests to better understand EOAD.

Who may be eligible to participate?

Individuals age 40 to 64 with a diagnosis of Mild Cognitive Impairment (MCI) due to Alzheimer's disease (AD) or probable AD dementia OR individuals age 40 to 64 with normal cognition.

Participants must have a reliable study partner who can provide information to our research staff about the participant's functioning and accompany the participant to study visits for the duration of the study.

Must be willing and able to complete an MRI scan, PET scans, and other study procedures.

What happens during study visits?

All participants will be asked to come in for an initial screening visit to determine eligibility and a baseline visit. These visits will be spaced out over multiple days in about 45 days.

Screening and baseline procedures include:

- Review of medical history, family history and medications
- Tests of memory and thinking
- Neurological and physical exams
- Amyloid PET scan
- Genetic counseling (only for participants with cognitive impairment)
- MRI scan
- Tau PET scan
- Blood tests
- Optional lumbar puncture

All participants will return for a 12-month follow-up visit with various study procedures. Participants with cognitive impairment will also return for a 24-month follow-up visit.

Compensation

Participants will be compensated for their time and travel.

Consent

Before enrolling into the study, the participant and study partner must read, understand, and sign a formal consent form, which fully explains the study.

For more information, contact:

Laura Schankel, MS
215-349-8727
laura.schankel@pennmedicine.upenn.edu

Grace Stockbower, MPH
215-746-3949
grace.stockbower@uphs.upenn.edu