KU Alzheimer's Disease Center
Studies at a Glance

Studies for those with memory loss

Therapeutic Effect of Exercise in Adults with Amnestic Mild Cognitive Impairment (EXERT)
A study to test whether physical exercise can slow the progression of early Alzheimer's disease memory problems in older adults

Type of Study: Low or moderate intensity exercise at local YMCA with personal trainer
Who: Underactive individuals with Mild Cognitive Impairment
Procedures: Physical exam, pen and paper tests, questionnaires, blood draws, fitness tests, ECG, MRI and optional lumbar puncture
Duration: 18 months of intervention with about 4 visits a week to the YMCA
Compensation: Yes -YMCA membership and personal trainer fees paid

Supporting Family Caregivers with Technology for Dementia Home Care (FamTechCare)
A study designed to help caregivers manage everyday situations associated with dementia care with technology

Type of Study: Caregiver support
Who: Individuals with dementia residing with family caregiver
Procedures: In home visit to set up home monitoring unit, weekly calls
Duration: 3 months, 3 home visits
Compensation: Yes

Trial of Oxaloacetate in Alzheimer's disease (TOAD)
A study to test the safety and tolerability of oxaloacetate (a natural compound/supplement) and to assess the best dose for future studies

Type of Study: Investigational medicine (no placebo)
Who: Individuals with Alzheimer's disease, ages 50-85
Procedures: Blood draws, PET and MRS scans (similar to MRI), pen and paper tests, vital signs
Duration: Approximately 10 visits over 10 weeks
Compensation: Yes

Intervention to Reduce Sitting Time in Mild Cognitive Impairment (ReST-MCI)
A study to reduce the amount of time spent sitting

Type of Study: Activity monitor study
Who: Individuals with Mild Cognitive Impairment and their study partner
Procedures: Wear an activity monitor
Duration: 15 weeks with 2 clinic visits, 3 home visits, 2 telephone calls
Compensation: Yes-Will receive wrist worn activity monitor ($100 value)

A Phase 3 Multicenter, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study to Evaluate the Efficacy and Safety of Aducanumab (BIIB037) in Subjects with Early Alzheimer's disease (ENGAGE)
A study to evaluate the safety and effectiveness of an investigational medicine (aducanumab) in individuals with mild cognitive impairment.

Type of Study: Investigational medicine (chance of placebo)
Who: Individuals with Mild Cognitive Impairment / early Alzheimer's disease, ages 50-85
Procedures: MRI's, PET scans, pen and paper tests, questionnaires, blood draws, infusions, physical exams
Duration: 23 months (18 months on study drug), about 30 visits
Compensation: Yes

Studies for those with memory loss (cont.)

S-Equol in Alzheimer's disease 2 (SEAD2)
A study to test if S-Equol, a compound that acts like estrogen in the body, can improve a particular energy metabolism deficit that is found in persons with Alzheimer's disease (AD)

Type of Study: Investigational medicine (on placebo for half treatment duration and investigational medication the other half)
Who: Individuals with Alzheimer's disease (APOE4 non-carriers)
Procedures: Genetic counseling, physical and neurological exams, blood draws, pen and paper thinking tests, vital signs
Duration: 4 months, 4 visits & 1 phone call
Compensation: Yes

A Phase 2 Multiple Dose, Multicenter, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Efficacy and Safety of ABBV-8E12 in Subjects with Early Alzheimer's disease (AbbVie)
A study to evaluate a drug that may slow Alzheimer's progression in those with early AD. The drug is designed to target tau tangles in the brain and will be delivered via IV.

Type of Study: Investigational medicine (chance of placebo)
Who: Individuals with Mild Cognitive Impairment or probable AD
Procedures: PET brain imaging, MRI brain imaging, 2-3 lumbar punctures, study drug infusion, ECG's, blood draws, physical and neurological exams, memory and thinking tests, and questionnaires/interviews
Duration: ~2 ½ years, about 45 visits
Compensation: Yes

Studies for those without memory loss

Alzheimer's Prevention Program (APP)
A study to evaluate risk for development of Alzheimer's disease in those without any symptoms. The program also offers strategies to improve health and reduce your risk for chronic diseases, including Alzheimer's disease

Type of Study: Observational (no treatment)
Who: Individuals with normal cognition, age 65 and older, who are interested in participating in the APEx study
Procedures: pen and paper tests, amyloid PET scan, health screen, questionnaires
Duration: Approx. 7 months, 3 visits and 2 follow up surveys by phone or email
Compensation: No

Alzheimer's Prevention through Exercise (APEX)
A study to evaluate the effects of aerobic exercise in individuals who have completed the APP study and were determined to be at risk for developing Alzheimer's disease

Type of Study: Treadmill walking at a local YMCA with a personal trainer (chance of control group)
Who: APP participants (see above) who were determined to be at risk for Alzheimer's disease
Procedures: physical function tests, DEXA, MRI, PET scan, pen and paper tests, questionnaires, blood draws
Duration: 52 weeks of intervention, with about 4 visits a week
Compensation: Yes –YMCA membership paid

Studies for those without memory loss (cont.)

Anti-Amyloid Treatment in Asymptomatic Alzheimer's (A-4)
A study to evaluate the safety, tolerability, and effectiveness of an investigational medicine (solanezumab) in individuals who are determined to be at risk for developing Alzheimer's disease

Type of Study: Investigational medicine (chance of placebo)
Who: Individuals with normal cognition, ages 65-85
Procedures: PET scan, MRI, blood draws, physical exams, pen and paper tests, interviews, other optional procedures
Duration: 3 years of study treatment with monthly infusions, about 48 total visits
Compensation: Yes

Risk Reduction for Alzheimer's disease (rrAD)
A study to test whether aggressive blood pressure and cholesterol lowering through medication and physical exercise can slow the cognitive decline and risk for developing dementia.

Type: FDA-approved medications, moderate intensity exercise or both
Who: Underactive individuals age 60+ with high blood pressure, and family history of dementia or concern about memory
Procedures: physical exam, pen and paper tests, questionnaires, blood draws, fitness tests, ECG, MRI, and vascular measures
Duration: 24 months of intervention
Compensation: Yes

A randomized, double-blind, placebo-controlled, two-cohort parallel group study to evaluate the efficacy of CAD106 and CNP520 in participants at risk for the onset of clinical symptoms of Alzheimer's disease (GENERATION)
Study of efficacy of CAD106 and CNP520 in comparison to respective placebo in participants at the risk for the onset of clinical symptoms of Alzheimer's disease

Type of Study: Investigational medicine (chance of placebo)
Who: Individuals with normal cognition, ages 60-75
Procedures: PET scans, MRI scans, blood draws, physical exams, memory testing, memory evaluations, questionnaires, other optional procedures
Duration: 5-8 years of study treatment with quarterly study visits, 25-37 visits total
Compensation: Yes

Studies for those with or without memory loss

KU Alzheimer's Disease Center Clinical Cohort
A National Institute of Health (NIH) grant funded study to develop and maintain a well characterized group of individual to support further research on memory and aging

Type of Study: Observational (no treatment)
Who: Individuals with memory loss of any age and individuals without memory loss 65 and older
Procedures: Clinical memory assessment, pen and paper test, blood draw
Duration: 3 annual visits
Compensation: No

Relationship of Energetics and Cognitive Trajectory (REACT)
A study to characterize the relationship between metabolic hormone secretion, energy production, and memory

Type of Study: Observational (no treatment)
Who: Clinical Cohort participants with and without memory loss, age 60 and older Procedures:
mixed meal tolerance test, blood draws, MRI
Duration: 2 visits
Compensation: Yes

If you have already started your research journey and have received your Potential Participant Information Form, please compete your survey and identify on the last page which of the studies would be of interest to you.

To learn how you or a loved one can participate in any of these studies, please visit our website at KUAlzheimer.org, click on "Join a Study," and then click "Complete this form" to get started. Or call our mainline at 913-588-0555 for more information.

If you are a medical provider and would like more information about any of these studies or information to share with your patients, please call our mainline at 913-588-0555 and ask for Carroll Oliver.