The Center for Cognitive Neurology offers participants a broad range of benefits, including:

- Cutting edge research, which provides new insights into causes, early diagnosis, care and prevention of Alzheimer's disease.
- Brain imaging, enhancing the diagnosis and understanding of disease progression.
- A team of experienced physicians specializing in cognitive neurology, geriatric medicine, and neuropsychology, along with nurses, psychotherapists, social workers, and researchers—together representing many decades of experience.
- The Alzheimer's and Related Dementias Family Support Program, which provides free services to caregivers.

The Alzheimer's Disease Research Center (ADRC), supported by the National Institute on Aging, started in 1973. It is one of the oldest and largest ADRCs in the country. Our mission is to advance the current knowledge and understanding of brain aging and Alzheimer's disease; to expand the number of scientists working in the field; share findings widely; and to work toward better treatment options and care for those living with memory impairment.

For more information or to schedule an appointment, please contact:

212-263-8088

For donations, please make check payable to:

Alzheimer's Disease Research Center (ADRC)
NYU Langone Health
145 East 32nd Street, 5th Floor
New York, NY 10016

NYU Langone Health is a 501(c)(3) nonprofit organization, and all contributions are tax-deductible.

Directions to the ADRC:

By Subway: Take the #6 train to the 33rd Street station. Exit near the intersection of East 32nd Street and Park Avenue. Walk east on East 32nd Street towards Lexington Avenue.

By Car: From the west, take the Lincoln Tunnel to 34th Street, and make a right onto Lexington Avenue. From the east, take the Queens Midtown Tunnel or FDR drive to 34th Street and make a left onto Lexington Avenue. The Center is located on 32nd Street between Lexington and 3rd Ave.

By Public Bus: You can take local buses 98, 101, 102, 103, 16, 34, 1, or 21. You can also take the M34 bus going east to Lexington Avenue, then walk south two blocks to 32nd Street.

Alzheimer's Disease Research Center (ADRC)
Center for Cognitive Neurology
145 East 32nd Street, 2nd Floor
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NYU Langone Health

Approved For Period: 10/16/2024 - 7/8/2025

NYU Langone Health

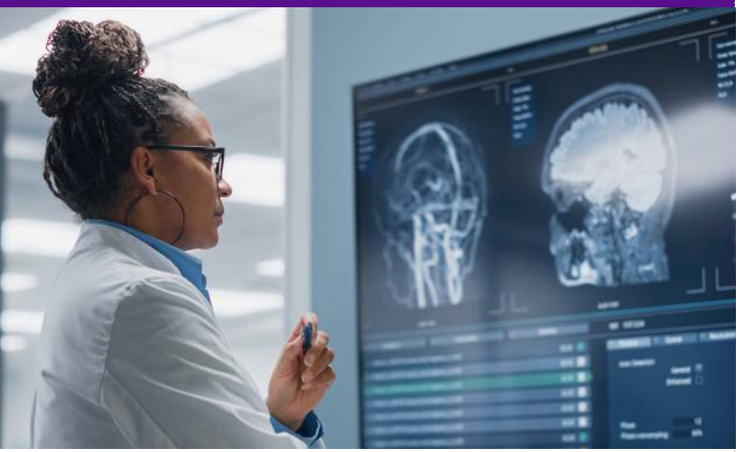
Alzheimer's Disease Research Center (ADRC)

Center for Cognitive Neurology

DC 12032024

Alzheimer's Disease Research Study

If you join the Alzheimer's Disease Research Center study, you will receive yearly evaluations. Over the decades, we have tracked thousands of study participants, examining potential factors that might lead to an Alzheimer's disease diagnosis. Our work and that of others helps scientists better understand the links between genetics, blood proteins, and brain behavior. Because the brain changes that lead to Alzheimer's disease begin years before a person has symptoms and memory loss, our goal is to diagnose the disease early so we can slow its potentially devastating path.



The NYU Langone Alzheimer's Disease Research Center (ADRC) hopes that you will become a participant if you:

- Are 65 years of age or older
- Are in relatively good health
- Have a "study partner"– a friend or family member who can answer questions about you

WHAT TO EXPECT

You will come to the Center annually, two days per year (145 East 32nd Street). You will complete brain imaging roughly every two years (660 1st Ave.) You do not take medications for the study. Clinicians look for memory changes since the last evaluation and will provide feedback. Assessments can be administered in either English or Spanish.

If you use reading glasses or hearing aids, please bring them to your visit.

Below is an example of the schedule:

Day One

- **Consent Form & Demographics (1 hour):** You will meet a study team member who will review the study with you, and you will be asked to sign a consent form indicating that you understand and want to participate.
- **Blood Draw & Vital Signs (30 minutes):** We will collect a blood sample to look at labs (for example, B12 and hemoglobin), as well as for genetic testing.
- **Meal Break & Other Studies Discussion (30 minutes):** We will provide you with a meal (menu has a variety of options).
- **Clinical Interview, Neurological Exam, Smell Test (1.5 hours):** A trained clinician will review your personal and medical history and do a brief memory assessment. You will be asked to complete a neurological exam to assess your reflexes, balance, coordination, etc.
- **Actigraph Watch (30 minutes):** You will be given a wristwatch to wear on your non-dominant wrist for 7 days. The actigraph measures the time you spend awake and asleep.
- **Interview with Study Partner (20 minutes):** We ask that you identify a "study partner" - a friend or family member who knows you well and will be able to answer questions about you, by phone or in person.

Day Two

- **Cognitive Testing (1.5 hours):** You will have a memory and thinking evaluation, which looks at perception, attention, concentration, language, reasoning, comprehension, and problem solving skills. This is a written and verbal assesment.
- **Gait Analysis (30 minutes):** You will walk back and forth on a pressure-sensitive mat.
- **Psychosocial Assessment (1 hour):** You will answer questions about your overall mood and well-being.
- **Visit check out (30 minutes)** You have the option to receive a take-home test, which involves collection of fecal, skin, saliva, blood, and/or nasal samples.

Days Three-Four (Optional)

- **Amyloid and Tau PET-MRI Scans (Optional):** You will have PET-MRI scans to look for changes in the brain. The scans look at amyloid and tau, which are proteins in the brain associated with Alzheimer's disease. A PET scan uses a substance called a tracer to look at how the brain is functioning, and MRI uses strong magnets to generate detailed brain images. These scans take place over two days and are repeated roughly every 2 years.

Day Five (Optional)

- **Lumbar Puncture (Optional):** You have the option to undergo a lumbar puncture (spinal tap). This is a safe and commonly used procedure to collect cerebrospinal fluid (CSF). CSF is the fluid that surrounds the brain and spinal cord. To collect the fluid, a needle is inserted into the midline in the lower back (your lower spine). We can detect proteins in the CSF (such as amyloid and tau) that can reflect what is happening in the brain.

Study Compensation

Depending on which procedures you complete, you will be paid $50-$600 per year.

Feedback

You can be given feedback about the results of your evaluation from a study clinician.

Brain Donation Program

The most important gift a participant can give in Alzheimer's disease research is to donate their brain at the time of death. This generous act can help ensure that family members have access to precious health information that may help them plan their own future, since brain tissue allows for more comprehensive diagnostic testing to help confirm Alzheimer's disease, as well as determine other underlying causes of dementia. Brain tissue also gives scientists access to other valuable information they can use to improve treatment—and ultimately, to find a cure. For more information on our brain donation program, please contact (212) 263-6262 or NYULHBrainDonation@nyulangone.org.

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