

Einstein Aging Study

<https://www.neurodegenerationresearch.eu/cohort/einstein-aging-study/>

Cohort Acronym

EAS

Cohort type

General population-based cohort

Disease

Alzheimer's disease, Frontotemporal dementia, Lewy body disease, Mild cognitive impairment (MCI), Parkinson's disease, Subjective memory complaints (SMC) or subjective cognitive decline (SCD), Vascular dementia

Participant type

No diagnosis

Profile

Recruitment Period 1993 - present

Sample size at start or planned sample size if still recruiting 2,000

Estimated Current Sample Size 0 to 4,999

Age at Recruitment > 70

Gender Male and Female

Abstract

Since 1993 the EAS has used systematic recruiting methods to assemble a cohort of over 2,200 elderly individuals from the Bronx, 26% of whom are African American. The EAS sample is broadly representative of the elderly population in one of the poorest and most racially and ethnically diverse urban counties in the United States.

The EAS has developed, tested, and applied strategies designed to meet the recruitment and retention challenges that may arise when conducting research studies with older adults. In 2004, the EAS began using the Registered Voter Lists (RVL) for Bronx County for continuous recruitment efforts. Individuals of at least 70 years of age, Bronx residents, non-institutionalized and English speaking are randomly selected from updated RVL and sent a letter followed by a screening telephone call. Persons who complete the telephone screening battery and agree to participate in clinical follow-up are invited to enroll. Continuing enrollment has resulted in over 2200 participants by 2017.

Country USA

Contact details

Institution name Albert Einstein College of Medicine

Website <https://www.einstein.yu.edu/departments/neurology/clinical-research-program/eas/>

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Funders (Core support) National Institute of Aging (NIA)

Variables Collected

Brain related measures:

N/A

Functional rating:

Individual physiological, Individual psychological

Anthropometric:

Blood pressure, Height, Hip circumference, Waist circumference, Weight

Physical:

Cardiovascular, Hearing and Vision, Respiratory

Biological samples:

Blood, Saliva, Urine

Genotyping:

Gene screening

Brain imaging:

Magnetic resonance imaging (MRI)

Brain banking:

Consent for brain donation

Lifestyle:

Alcohol, Physical activity, Smoking

Socio-economic:

Education, Ethnic group, Income and finances, Marital status, Occupation and employment

Health service utilisation:

Formal health and social care service utilisation including private care