

A Population Based Prospective Cohort Study to Unravel the Causes of Stroke and Cognitive Decline: A Cross-Cultural Perspective

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Cohort Acronym

AIIMS Cohort Study

Cohort type

General population-based cohort

Disease

Alzheimer's disease, Dementia (unclassified), Frontotemporal dementia, Mild cognitive impairment (MCI), Other NDs not listed, Subjective memory complaints (SMC) or subjective cognitive decline (SCD), Vascular dementia

Participant type

No diagnosis

Profile

Recruitment Period 2015-18

Sample size at start or planned sample size if still recruiting 15000

Estimated Current Sample Size 10,000 to 19,999

Age at Recruitment >50

Gender Male and Female

Abstract

Aims & objective

- To find out the known as well as some new factors which increase the risk of occurrence of stroke (half body paralysis, Lakwa) and of memory problem and other brain related problems.
- To identify a group of apparently healthy people (50 years and above), carry out their health check up and follow them up over several years to detect any health problems (like heart attack, lakwa, memory problems) with increasing age.
- To investigate the prevalence and incidence of and risk factors for stroke and cognitive decline in the elderly.

Updates about the health of the participants will be obtained from telephone follow-ups every six months and physical check-ups every three years. The study is expected to last for at least 10 years.

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Country India

Contact details

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Variables Collected

Brain related measures:

Cognitive function, Mental health, Neurological

Functional rating:

Individual psychological

Anthropometric:

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

Physical:

Cardiovascular, Hearing and Vision, Musculoskeletal, Reproductive, Respiratory

Biological samples:

Blood, Saliva

Genotyping:

Gene screening

Brain imaging:

Magnetic resonance imaging (MRI)

Brain banking:

N/A

Lifestyle:

Alcohol, Dietary habits, Physical activity, Smoking

Socio-economic:

Education, Ethnic group, Family circumstances, Housing and accommodation, Income and finances, Informal support, Marital status, Occupation and employment

Health service utilisation:

N/A