CARTaGENE

https://neurodegenerationresearch.eu/cohort/cartagene/

Cohort Acronym
CaG

Cohort type
General population-based cohort

Disease
Alzheimer's disease, Parkinson's disease

Participant type
No diagnosis

Profile
Recruitment Period 2009-2013|2013-2015
Sample size at start or planned sample size if still recruiting 43000
Estimated Current Sample Size 20,000 to 49,999
Age at Recruitment 40-69
Gender Male and Female
Abstract

The CARTaGENE (CaG) study is both a population-based biobank and the largest ongoing prospective health study of men and women in Quebec. CaG targeted the segment of the population that is most at risk of developing chronic disorders, that is 40-69 years of age, from six census metropolitan areas in Quebec. The sampling was stratified by age, sex and postal groups and is proportional to the density of the population in these areas. Over 43,000 participants consented to visiting 1 of 12 assessment sites where detailed health and socio-demographic information, physiological measures and biological samples (blood, serum and urine) were captured. Participants are followed-up based on linkage to governmental health administrative databases and direct reassessment through a web portal.

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Country Canada
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Funders (Core support) Genome Quebec, CPAC

Variables Collected

Brain related measures:
Cognitive function, Mental health, Neurological

Funtional rating:
N/A

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

Physical:
Cardiovascular, Hearing and Vision, Musculoskeletal, Reproductive, Respiratory

Biological samples:
Blood, Saliva, Urine

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, Unpaid care

Health service utilisation:
Formal health and social care service utilisation including private care