

Is ageing changing? Health, healthy life and cognition across generations: Changing ageing across Generations, Epidemiology to policy

<https://www.neurodegenerationresearch.eu/survey/is-ageing-changing-health-healthy-life-and-cognition-across-generations-changing-ageing-across-generations-epidemiology-to-policy/>

Title of the cohort

Is ageing changing? Health, healthy life and cognition across generations: Changing ageing across Generations, Epidemiology to policy

Acronym for cohort

Name of Principal Investigator

Title Prof

First name Coral

Last name Brayne

Address of institution where award is held

Institution Institute of Public Health, University of Cambridge

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City Cambridge

Postcode CB2 0SR

Country

United Kingdom

Website

<http://www.cam-can.org/>

Contact email

Funding source

1. The cohort includes, or expects to include, incidence of the following conditions

- Alzheimer's disease and other dementias
- Parkinson's disease
- Neurodegenerative disease in general

When studies on the above condition(s) are expected to become possible

2a. Stated aim of the cohort

This research focuses on the cognitive abilities that enable us to function in the world, including memory, attention, emotion, language, and action.

2b. Features distinguishing this cohort from other population cohorts

3a. i) Number of publications that involve use of cohort to date

0

3a. ii) Up to three examples of studies to date (PI, Institution, Title of Study)

3b. Publication list/link to where data or publications are accessible (if available)

3c. Information (i.e. research findings) expected to be gained from the population cohort

4a. Study criteria: age range of participants at recruitment

Age in years from: 18

To ('until death' if applicable): until death

4b. Study criteria: inclusion criteria

The Cam-CAN epidemiology cohort will aim to collect information on approximately 3000 adults (aged 18 years and older) living in the Cambridge City area. Respondents will be selected at random from the population registered with Cambridge City GP surgeries.

4c. Study criteria: exclusion criteria

NA

5. Size of the cohort (i.e. number of participants enrolled)

1,000 – 5,000 participants

6a. Measures used to characterise participants

The respondents will be interviewed in their own homes and will answer a range of questions on demographic information, diet, alcohol, smoking, health problems and, for the older participants, questions on how they manage at home with day to day tasks. There is also an extensive cognitive battery measuring memory, language, executive function and various other cognitive domains. Also included within the interview are objective tests such as reaction time, hearing tests and physical measures. All this information provides a rich description of the population from which the Cam-CAN 700 cohort will be selected. The knowledge of the whole population will enable a deeper understanding of the information provided by the 700 in terms not only of the interdisciplinary questions already mentioned, but also by direct linkage back to the general population to enable questions relevant to public health to be investigated.

6b. Additional measures for participants with a clinical disorder

6c. Are there defined primary and secondary endpoints (e.g. defined health parameters)

No

7. Study design

- Prospective cohort
- Longitudinal

8. Cases matched by

- Other health assessment (specify) / N/A

9a. Does the study include a specialised subset of control participants

No

9b. If yes, description of specialised subset of control participants

10a. i) Data collection start date

01-10-2010

10a. ii) Data collection end date

10a. iii) Data collection for this study is

- Data collection ongoing

10b. Plans to continue the cohort study beyond the current projected end date

11. Data collected

12. System in place to enable re-contact with patients for future studies

13a. Format and availability of data stored in a database

Yes/No % available

Data summarised in database

Database is web-based

Database on spreadsheet Yes

Database is on paper

Other (specify) STATA

Language used:

English

13b. Format and availability of data held as individual records

Yes/No % available

Data held as individual records

Data is web-based

Data held on computer based records Yes

Data held on cards

Other (specify)

Language used:

14a. Are data available to other groups

Yes

14b. Access policy/mechanisms for access if data are available to other groups

- Apply to PI or co-ordinator at resource
- Access Committee mechanism

15. Data sharing policy specified as a condition of use

Data made publicly available after a specified time point

16a. Are tissues/samples/DNA available to other groups

No

16b. i) Description of available tissues/samples/DNA

16b. ii) Form available tissues/samples/DNA are supplied in

16b. iii) Is the access policy/mechanism for obtaining samples the same as that for obtaining data

17. Is information on biological characteristics available to other groups

- Yes, for all the cohort