

# Longitudinal Study of Cognitive Change in Normal Healthy Old Age

<https://www.neurodegenerationresearch.eu/cohort/longitudinal-study-of-cognitive-change-in-normal-healthy-old-age/>

## Cohort Acronym

LSCC

## Cohort type

General population-based cohort

## Disease

Alzheimer's disease, Mild cognitive impairment (MCI)

## Participant type

No diagnosis

## Profile

Recruitment Period 1983

Sample size at start or planned sample size if still recruiting

Estimated Current Sample Size

Age at Recruitment 46-92

Gender Male and Female

Abstract

The longitudinal Study of Cognitive Change in Normal Healthy Old Age (LSCC) is a population study including 6,342 healthy residence of Greater Manchester and Newcastle-upon-Tyne aged from 42 to 92 in 1983. Two different batteries of cognitive tests were alternately administered biennially with additional questionnaires and Dna sample collection until 2003. The aims of the study were to:

- to determine sources of variations in rates of cognitive change between individuals
- to identify factors that slow or accelerate cognitive ageing and that prolong mental productivity or accelerate decline
- to generate and test functional models for the processes of biological ageing, especially of ageing of the brain and the central nervous system
- to test whether the neurophysiological and consequent cognitive changes differ in idiosyncratic patterns between individuals

Country United Kingdom

## Contact details

Institution name University of Manchester

Website <http://www.tandfonline.com/doi/abs/10.1080/13825580490511116>

Principal Investiator (PI) Patrick Rabbitt

Contact email [\[email protected\]](#)

Contact phone number

Funders (Core support) U.K. Social Science Research Council (1983 to 1988), Medical Research Council (MRC), Economic and Social Research Council (ESRC)

## **Variables Collected**

### **Brain related measures:**

N/A

### **Functional rating:**

Individual physiological, Individual psychological

### **Anthropometric:**

N/A

### **Physical:**

N/A

### **Biological samples:**

Blood, Saliva, Urine

### **Genotyping:**

N/A

### **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, Informal support, Marital status, Occupation and employment

### **Health service utilisation:**

N/A