

# Longitudinal Urban Cohort Ageing Study

<https://www.neurodegenerationresearch.eu/cohort/longitudinal-urban-cohort-ageing-study/>

## Cohort Acronym

LUCAS

## Cohort type

General population-based cohort

## Disease

## Participant type

No diagnosis

## Profile

Recruitment Period 2000-2001

Sample size at start or planned sample size if still recruiting 20000

Estimated Current Sample Size 20,000 to 49,999

Age at Recruitment >60

Gender Male and Female

Abstract

To investigate factors that are relevant to maintain functional competence, to prevent long-term disability and to minimise unnecessary service utilisation among older people. (1) Therefore, periodic assessments are performed covering information on functional status (ROBUST, postROBUST, preFRAIL, FRAIL according to LUCAS Functional Ability Index; Dapp U et al. BMC Geriatr 2014;14:141.), health behaviour, health care use, the need of long-term care, and survival over a period of more than 10 years. (2) Long-term effects of randomised (RCT) health promotion intervention will be evaluated (Dapp U et al. Draft for Dtsch Arztebl Int 2017; Neumann L et al. J Nutr Health Aging 2017;doi:10.1007/s12603-017-0932-1). There were two approaches (a) small group sessions ?Active health promotion in old age? (Dapp U et al. J Gerontol A Biol Sci Med Sci 2011;66:591-8.), and (b) home visits (Pr'fener F Z Gerontol Geriatr 2016;49:596-605).

3,326 independently living community-dwelling elderly people (60 years and over) were recruited from 21 general practices in 2000 (baseline). They were followed up over a ten year period until 2010 resulting in multidimensional data sets for every single participant at baseline, 1 year, 7 year and 9 year follow up (Dapp U et al. BMC Geriatr 2012 Jul 9;12:35.).

*Last Update 21/09/2017*

Country Germany

## Contact details

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Website

[https://www.albertinen.de/krankenhaeuser/geriatriische\\_klinik/leistungsspektrum/lucas/teilprojekt1](https://www.albertinen.de/krankenhaeuser/geriatriische_klinik/leistungsspektrum/lucas/teilprojekt1)

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## Variables Collected

### Brain related measures:

Behaviour, Cognitive function, Mental health

### Functional rating:

Individual physiological, Individual psychological

### Anthropometric:

N/A

### Physical:

N/A

### Biological samples:

N/A

### Genotyping:

N/A

### Brain imaging:

N/A

### Brain banking:

N/A

### Lifestyle:

Alcohol, Dietary habits, Physical activity, Smoking

### Socio-economic:

Education, Housing and accommodation, Income and finances, Informal support, Marital status

### Health service utilisation:

Formal health and social care service utilisation including private care