

Centenarians of the Leiden 85-plus Study: association between baseline measurements and status at age 100 years

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To what extent are the parameters, that are predictive for reaching 100 years of age at age 85, changed in people who have reached the age of 100 years.

Ethical review	Approved WMO
Status	Recruitment stopped
Health condition type	Other condition
Study type	Observational invasive

Summary

ID

NL-OMON38666

Source

ToetsingOnline

Brief title

Centenarians of the Leiden 85-plus Study

Condition

- Other condition

Synonym

ageing

Health condition

het betreft observationaal onderzoek onder 100 jarigen, geen specifieke ziekte

Research involving

Human

Sponsors and support

Primary sponsor: Leids Universitair Medisch Centrum

Source(s) of monetary or material Support: het onderzoek kost enkele duizenden euro's; dat wordt uit eigen middelen van de afdeling betaald

Intervention

Keyword: ageing, centenarian

Outcome measures

Primary outcome

Parameter

Instrument Duration (minutes)

Body mass index length and

weight 5

Satisfied with current life Cantrill*s

ladder (VAS) 5

Depressive symptoms Geriatric Depression Scale 10

Social functioning Time Spending

Pattern 5

Cognitive functioning Mini Mental

State Examination 10

ADL Groningen

Activity Rating Scale 10

Grip strength Grip strength

measurement 5

Blood pressure Blood pressure

measurement 5

Laboratory measurements 3 tubes blood, 1x10,

2x5 ml 5

Secondary outcome

none

Study description

Background summary

The Leiden 85-plus Study is a longitudinal population based study among 85 year old inhabitants of Leiden. Between September 1997 and September 1999 599 subjects (all aged 85 years) were included in the study. The goals of the Leiden 85-plus Study were to investigate predictive and causal factors relating to physical and mental functioning, occurrence of disease and mortality in very old age, with an emphasis on cardiovascular disease, inflammation, activities of daily living, cognition, and genetics.

On 1 January 2012 there were still 21 participants alive which will become 100 years from 1 September 2012 onwards.

Recently we have assessed which factors at age 85 are predictive for reaching the age of almost 100 years: female sex, independent living, slightly overweight, satisfaction with current life, absence of depressive symptoms, socially active, good cognitive functioning, low disability, high hand grip strength, higher systolic and diastolic blood pressure, higher hemoglobin, high ferritin, low HbA1c, low homocysteine, low CRP, low NT-proBNP, high creatinine clearance, high TSH, high total cholesterol, and high HDL-cholesterol.

Study objective

To what extent are the parameters, that are predictive for reaching 100 years of age at age 85, changed in people who have reached the age of 100 years.

Study design

Observational study.

Study burden and risks

Duration of measurements: 60 minutes

Risk: nihil

Contacts

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Trial sites

Listed location countries

Netherlands

Eligibility criteria

Age

Adults (18-64 years)

Elderly (65 years and older)

Inclusion criteria

Reaching the age of 100 years and being a participant of the Leiden 85-plus Study

Exclusion criteria

None

Study design

Design

Study type: Observational invasive

Masking: Open (masking not used)

Control: Uncontrolled

Primary purpose: Basic science

Recruitment

NL

Recruitment status: Recruitment stopped

Start date (anticipated): 01-07-2013

Enrollment: 21

Type: Actual

Ethics review

Approved WMO

Date: 17-06-2013

Application type: First submission

Review commission: METC Leids Universitair Medisch Centrum (Leiden)

Study registrations

Followed up by the following (possibly more current) registration

No registrations found.

Other (possibly less up-to-date) registrations in this register

No registrations found.

In other registers

Register

CCMO

ID

NL43891.058.13