# Geriatric- and physiatric-oriented rehabilitation after hip fracture to improve the ability to live independently

Submission date	Recruitment status  No longer recruiting	Prospectively registered		
10/03/2009		☐ Protocol		
Registration date	Overall study status	Statistical analysis plan		
07/04/2009	Completed	[X] Results		
Last Edited	Condition category	[] Individual participant data		
10/07/2019	Injury, Occupational Diseases, Poisoning			

# Plain English summary of protocol

Not provided at time of registration

# Contact information

# Type(s)

Scientific

#### Contact name

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#### Contact details

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# Additional identifiers

**EudraCT/CTIS** number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

N/A

# Study information

#### Scientific Title

Geriatric- and physiatric-oriented rehabilitation after hip fracture to improve the ability to live independently: a randomised controlled trial

## Study objectives

The aim here was to compare the impact of geriatric and physiatric rehabilitation on the functional outcome and ability for independent living (versus institutionalisation) in home-dwelling hip fracture patients, using routine rehabilitation (the standard procedure after surgical treatment for hip fracture in Finland) as a control.

# Ethics approval required

Old ethics approval format

## Ethics approval(s)

The study was approved by the Ethics Commitee of University of Oulu.

## Study design

Ranodomised controlled trial

## Primary study design

Interventional

# Secondary study design

Randomised controlled trial

# Study setting(s)

Other

# Study type(s)

Treatment

# Participant information sheet

# Health condition(s) or problem(s) studied

Hip fracture

#### **Interventions**

Intervention group 1: Physiatric-oriented rehabilitation (mean number of days in the rehabilitation programme = 20.8 days)

Intervention group 2: Geriatric-oriented rehabilitation (mean number of days in the rehabilitation programme = 31.4 days)

Control group: Routine rehabilitation in health centre hospitals (mean number of days in the rehabilitation programme = 31.0 days)

# Intervention Type

Other

#### **Phase**

## Not Applicable

## Primary outcome measure

The following were assessed at 4 and 12 months:

- 1. Residental status
- 2. Walking ability
- 3. Use of walking aids
- 4. Activities of daily living (ADL) functions
- 5. Mortality

# Secondary outcome measures

No secondary outcome measures

## Overall study start date

01/01/1997

## Completion date

31/12/2000

# **Eligibility**

# Key inclusion criteria

- 1. Both males and females, aged 50 years or over
- 2. Patients who were living in their own home or in sheltered housing (comparable to a home of their own but controlled by a warden and with some assistance available) at the time of sustaining the fracture

# Participant type(s)

Patient

# Age group

Senior

#### Sex

Both

# Target number of participants

600

## Total final enrolment

538

### Key exclusion criteria

- 1. Patients who were institutionalised
- 2. Patients who had pathological fracture
- 3. Patients who were aged under 49 years

## Date of first enrolment

01/01/1997

## Date of final enrolment

31/12/2000

# Locations

# Countries of recruitment

Finland

# Study participating centre Bo Box 5000

Oulu Finland 90014

# Sponsor information

# Organisation

Finnish Office for Health Technology Assessment (Finland)

# Sponsor details

Lintulahdenkuja 4 PL 30 Helsinki Finland 00271 +358 (0)20 610 7297 finohta@thl.fi

# Sponsor type

Government

#### Website

http://finohta.stakes.fi/FI/index.htm

# Funder(s)

## Funder type

Government

# **Funder Name**

Finnish Office for Health Technology Assessment (Finland)

# **Results and Publications**

Publication and dissemination plan

Not provided at time of registration

Intention to publish date

Individual participant data (IPD) sharing plan

# IPD sharing plan summary

Not provided at time of registration

# **Study outputs**

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article	results	01/09/2015	10/07/2019	Yes	No