ISRCTN94467061 https://doi.org/10.1186/ISRCTN94467061

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

Submission date	Recruitment status	[_] Prospectively registered
10/03/2009	No longer recruiting	[_] 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
Prof Pekka Jalovaara

Contact details
Bo Box 5000
University of Oulu
Oulu
Finland
90014
+358 (0)8 5529275
pekka.jalovaara@oulu.fi

Additional identifiers

Protocol serial number
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

Study type(s)
Treatment

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(s)
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

Key secondary outcome(s))

No secondary outcome measures

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

Healthy volunteers allowed
No

Age group
Senior

Sex
All

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)

Funder(s)

Funder type
Government

Funder Name
Finnish Office for Health Technology Assessment (Finland)

Results and Publications

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