ISRCTN15738119 https://doi.org/10.1186/ISRCTN15738119

Evaluation of home rehabilitation for hip fracture patients

Submission date	Recruitment status	[_] Prospectively registered
16/06/2008	No longer recruiting	[_] Protocol
Registration date	**Overall study status**	[_] Statistical analysis plan
09/10/2008	Completed	[X] Results
Last Edited	**Condition category**	[_] Individual participant data
10/03/2023	Injury, Occupational Diseases, Poisoning	

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

Contact name
Prof Yngve Gustafson

Contact details
Umeå University
Geriatric Medicine
Umeå
Sweden
SE-901 87

Additional identifiers

Protocol serial number
N/A

Study information

Scientific Title
Home rehabilitation for older people with hip fracture - a randomised controlled trial

Study objectives
Multidisciplinary home rehabilitation is applicable and effective as conventional rehabilitation at hospital.

Ethics approval required
Old ethics approval format

Ethics approval(s)
Ethics Committee of the Faculty of Medicine at Umea University. Date of approval 01/04/2008 (ref: Dnr 08-053M)

Study design
Randomised controlled trial

Primary study design
Interventional

Study type(s)
Treatment

Health condition(s) or problem(s) studied
Rehabilitation for hip fracture patients

Interventions
Multidisciplinary home rehabilitation compared to conventional multidisciplinary rehabilitation at hospital with follow-ups at 12 weeks after randomisation and 12 months after surgery.

Those randomised to control group will be at hospital as long as necessary and those randomised to intervention/experimental group have home rehabilitation as long as necessary but not longer than 10 weeks.

Both groups will have comprehensive geriatric assessments, management and rehabilitation with active prevention, detection and treatment of postoperative complications such as falls, delirium, pain and infections, for example. Those randomised to home rehabilitation will receive some of these assessments and rehabilitation at home.

Intervention Type
Other

Phase
Not Specified

Primary outcome(s)
1. In-patient days and re-admissions, followed-up until 12 months post-surgery
2. Complications, for example falls and injuries, followed-up until 12 months post-surgery
3. Depression, assessed by the Geriatric Depression Scale (GDS) followed-up until 12 months post-surgery
4. Delirium, assessed by the Organic Brain Syndrome Scale followed-up until 12 months post-surgery
5. Functional performance regarding activities of daily living (ADL), assessed by the Katz ADL index and Barthel ADL index, at 12 weeks post-randomisation and 12 months post-surgery
6. Walking ability and use of walking aids, assessed by the Swedish version of the Clinical Outcome Variable Scale (S-COVS) at 12 weeks post-randomisation and 12 months post-surgery

Key secondary outcome(s))

The following will be assessed at 12 weeks post-randomisation and 12 months post-surgery:
1. Balance, assessed by the Bergs Balance Scale and Fear of Falling
2. Quality of life, assessed by EQ-5D
3. Nutritional status, assessed by the mini nutritional assessment (MNA)
4. Costs
5. Self-perceived health, assessed by the 36-item Short Form (SF-36) health survey
6. Pain, assessed by a visual analogue scale (VAS)
7. Subjective well-being, assessed by the Philadelphia Geriatric Morale Scale (PGCM)

Completion date
01/08/2010

Eligibility

Key inclusion criteria
1. Both males and females, 70 years and above
2. Hip fracture patients after surgery
3. Those who live in the municipality of Umeå (both independent living and from institutions)

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Senior

Sex
All

Total final enrolment
205

Key exclusion criteria
No exclusion criteria

Date of first enrolment
01/08/2008

Date of final enrolment
01/08/2010

Locations

Countries of recruitment
Sweden

Study participating centre
Umeå University
Umeå
Sweden
SE-901 87

Sponsor information

Organisation
Umeå University (Sweden)

ROR
https://ror.org/05kb8h459

Funder(s)

Funder type
University/education

Funder Name
University of Umeå (Sweden)

Funder Name
County Council of Västerbotten (Sweden)

Results and Publications

Individual participant data (IPD) sharing plan
Not provided at time of registration

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		04/09/2020	10/03/2023	Yes	No
Results article		09/03/2023	10/03/2023	Yes	No
Participant information sheet	Participant information sheet	11/11/2025	11/11/2025	No	Yes