

Evaluation of home rehabilitation for hip fracture patients

Submission date
16/06/2008

Recruitment status
No longer recruiting

☐ Prospectively registered

☐ Protocol

Registration date
09/10/2008

Overall study status
Completed

☐ Statistical analysis plan

☒ Results

Last Edited
10/03/2023

Condition category
Injury, Occupational Diseases, Poisoning

☐ Individual participant data

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

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)

Primary study design

Interventional

Study design

Randomised controlled trial

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