

Daily physical Activity monitoring in elderly subjects: an association with fall risk?

No registrations found.

| | |
|------------------------------|----------------------------|
| Ethical review | Positive opinion |
| Status | Recruiting |
| Health condition type | - |
| Study type | Observational non invasive |

Summary

ID

NL-OMON20995

Source

Nationaal Trial Register

Health condition

Elderly, Activity sensor, accelerometer, physical activity, Fallrisk, Tinetti scale, idependently living, elderly home, hip fractuur
Ouderen, Activiteiten monitor, fysieke activiteit, valrisico, Tinetti schaal, zelfstandig wonend, bejaardetehuis, heupfractuur

Sponsors and support

Primary sponsor: Atrium MC

Source(s) of monetary or material Support: Atrium MC, AHORSE

Intervention

Outcome measures

Primary outcome

- Fallrisk

- Physical outcome

Secondary outcome

- Age
- Gender
- Weight
- Height
- Living situation
- Medical status (visual problems, hearing problems, cardiovascular diseases, pulmonary diseases, diabetes, hypertension, muscle-/ skeletal disease of lower extremities, urine-incontinence), dizziness)
- Medication use
- Need for daily care
- Use of walking aids
- Fall history

Study description

Study objective

1. Independently living elderly will have the highest daily physical activity. Elderly living in an elderly home or elderly who fractured their hip minimally 6 months ago because of a fall will be less physical active.
2. U-shaped relation between physical activity and fall risk. Elderly who have a high activity level and elderly with a low level of physical activity will have a high fall risk.

Study design

Secondary outcomes at moment of questionnaire.

Intervention

- Questionnaire
- Tinetti Scale
- Measuring 4 days with Activity Monitor

Contacts

Public

Atrium MC, AHORSE

Henri Dunantstraat 5

R. Senden
Heerlen 6419 PC
The Netherlands
045-5766416

Scientific

Atrium MC, AHORSE

Henri Dunantstraat 5

R. Senden
Heerlen 6419 PC
The Netherlands
045-5766416

Eligibility criteria

Inclusion criteria

- men and women
- 65 years and older
- able to walk

Exclusion criteria

- Wheelchair independence
- Unable to walk

- Severe dementia/ cognitive impairment
- Not willing to participate

Study design

Design

| | |
|---------------------|---------------------------------|
| Study type: | Observational non invasive |
| Intervention model: | Parallel |
| Allocation: | Non-randomized controlled trial |
| Masking: | Open (masking not used) |
| Control: | N/A , unknown |

Recruitment

| | |
|---------------------------|-------------|
| NL | |
| Recruitment status: | Recruiting |
| Start date (anticipated): | 07-05-2014 |
| Enrollment: | 150 |
| Type: | Anticipated |

Ethics review

| | |
|-------------------|------------------|
| Positive opinion | |
| Date: | 06-05-2014 |
| Application type: | First submission |

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 | ID |
|----------|----------------|
| NTR-new | NL4459 |
| NTR-old | NTR4582 |
| Other | METC : 14-N-59 |

Study results