

# Preventing further falls and functional decline among elderly persons presented to the accident and emergency (A&E) department with a fall: randomised controlled trial.

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Research questions: 1. Is a multidisciplinary intervention programme more effective than usual care in preventing new falls and functional decline among community-dwelling elderly people who visit a GP cooperative and/or A&E department at a...

|                             |                       |
|-----------------------------|-----------------------|
| <b>Ethische beoordeling</b> | Positief advies       |
| <b>Status</b>               | Werving gestopt       |
| <b>Type aandoening</b>      | -                     |
| <b>Onderzoekstype</b>       | Interventie onderzoek |

## Samenvatting

### ID

NL-OMON20280

### Bron

NTR

### Verkorte titel

Interval

### Aandoening

(Injurious) falls

### Ondersteuning

**Primaire sponsor:** Marike RC Hendriks

Michel HC Bleijlevens

Jolanda CM van Haastregt

Joseph PM Diederiks

Harry FJM Crebolder

Jacques ThM van Eijk

**Overige ondersteuning:** Netherlands Organisation for Health Research and Development (ZonMw): Number 945-02-053

## Onderzoeksproduct en/of interventie

### Uitkomstmaten

#### Primaire uitkomstmaten

1. Effect evaluation: Falls, functional decline;<br>
2. Economic evaluation: programme costs, healthcare costs and patient and family costs.<br>
- 2a. Cost Effectiveness Analysis: percentage of people sustaining a fall during one year of follow-up.<br>
- 2b. Cost Utility Analysis: generic health-related quality of life descriptions, measured according to the standard Dutch version of the EuroQol (EQ 5-D).

## Toelichting onderzoek

#### Achtergrond van het onderzoek

N/A

#### Doel van het onderzoek

#### Research questions:

1. Is a multidisciplinary intervention programme more effective than usual care in preventing new falls and functional decline among community-dwelling elderly people who visit a GP cooperative and/or A&E department at a hospital because of a fall?
2. Is the multidisciplinary intervention programme cost-effective compared to usual care when assessed from a societal perspective?

#### Onderzoeksproduct en/of interventie

1. Patients in the intervention group underwent a detailed medical and occupational-therapy assessment with referral to relevant services if indicated;
2. Those assigned to the control group received usual care only.

## Contactpersonen

### Publiek

University Maastricht (UM),  
P.O. Box 616  
MARIKE HENDRIKS  
Universiteitssingel 40  
Maastricht 6200 MD  
The Netherlands  
+31 (0)43 3882204

### Wetenschappelijk

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## Deelname eisen

### Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

Age 65 years or older, community-dwelling, having visited the A&E department or GP cooperative at the University Hospital Maastricht for the consequences of a fall, and living in Maastricht or its surrounding area.

People were only allowed to enter the programme after completing and returning an informed consent form.

### Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

Not able to speak or understand Dutch,  
Not able to complete questionnaires or interviews by telephone,  
Cognitive impairment (a score of less than 4 on the Abbreviated Mental Test 4 (AMT 4),

Long-term admission to a hospital or other institution (more than four weeks from the date of inclusion),  
Permanently bedridden, or fully dependent on a wheelchair.

## Onderzoeksopzet

### Opzet

|                  |                         |
|------------------|-------------------------|
| Type:            | Interventie onderzoek   |
| Onderzoeksmodel: | Parallel                |
| Blinding:        | Open / niet geblindeerd |
| Controle:        | Geneesmiddel            |

### Deelname

|                         |                       |
|-------------------------|-----------------------|
| Nederland               |                       |
| Status:                 | Werving gestopt       |
| (Verwachte) startdatum: | 01-12-2002            |
| Aantal proefpersonen:   | 333                   |
| Type:                   | Werkelijke startdatum |

## Ethische beoordeling

|                 |                  |
|-----------------|------------------|
| Positief advies |                  |
| Datum:          | 12-08-2005       |
| Soort:          | Eerste indiening |

## Registraties

### Opgevolgd door onderstaande (mogelijk meer actuele) registratie

Geen registraties gevonden.

## Andere (mogelijk minder actuele) registraties in dit register

Geen registraties gevonden.

## In overige registers

| Register       | ID                  |
|----------------|---------------------|
| NTR-new        | NL82                |
| NTR-old        | NTR113              |
| Ander register | : ZON-MW 945-02-053 |
| ISRCTN         | ISRCTN64716113      |

## Resultaten

### Samenvatting resultaten

Hendriks MR, van Haastregt JC, Diederiks JP, Evers SM, Crebolder HF, van Eijk JT:  
Effectiveness and cost-effectiveness of a multidisciplinary intervention programme to prevent new falls and functional decline among elderly persons at risk: design of a replicated randomised controlled trial [ISRCTN64716113]. BMC Public Health 2005, 5(1):6.  
<http://www.biomedcentral.com/1471-2458/5/6>