

# Comparison between care as usual and a comprehensive care pathway for the treatment of hip fractures.

No registrations found.

<b>Ethical review</b>	Positive opinion
<b>Status</b>	Pending
<b>Health condition type</b>	-
<b>Study type</b>	Observational non invasive

## Summary

### ID

NL-OMON27862

### Source

Nationaal Trial Register

### Health condition

Hip fracture, comprehensive care pathway.

Heupfractuur, multidisciplinair zorgpad

## Sponsors and support

**Primary sponsor:** University Medical Center Groningen

**Source(s) of monetary or material Support:** University Medical Center Groningen  
Biomet

## Intervention

## Outcome measures

### Primary outcome

Katz index at 6 months follow-up.

### Secondary outcome

1 - Comparison between care as usual and a comprehensive care pathway for the treatm ... 21-06-2025

1. Health-related quality of life as measured with the EQ-5D at 6 months follow-up;
2. Living situation at 6 months follow-up.

## Study description

### Background summary

Hip fractures constitute an economic burden on healthcare resources. Most persons with a fracture have surgery. However, perioperative care leaves much room for improvement. It can be improved if it is organized in comprehensive care pathways but these pathways have never been studied in randomized controlled trials (RCT). The main reason for this is that RCT's are difficult to execute in this patient group. To overcome this dilemma a prospective observational study will be conducted in which by means of the application of Propensity Score Matching (PSM)\* a RCT will be simulated. The objective of this study is to determine the clinical effectiveness of a new comprehensive care pathway for the treatment of

hip fractures compared with care as usual. A prospective observational study will be conducted in which the new comprehensive care pathway of UMCG Groningen will be compared with care as usual at Martini Hospital Groningen and at Ommelander Ziekenhuis Groep.

The hypothesis is that 15% more patients at the UMCG compared with patients in the care as usual condition will recover at

least as well at 6 months follow-up as before the fracture in Activities of Daily Living.

Patients aged 60 and older will be included.

### Study objective

The hypothesis is that 15% more

patients in the comprehensive care pathway compared with patients in the care as usual condition will recover at

least as well at 6 months follow-up as before the fracture in Activities of Daily Living.

### Study design

Measurements will be taken perioperatively, and at 6 weeks and 3 and 6 months after surgery.

### Intervention

In the new comprehensive care pathway at UMCG the treatment and the role of every participant is described from the arrival at the emergency room until discharge from the nursing home. Main features of this new treatment protocol are

multidisciplinary cooperation between trauma surgeon, orthopedic surgeon, geriatrician and

anesthesiologist, a preoperative workup protocol, a clearly defined moment of surgery and a postoperative protocol together with the physiotherapist and nursing home physician. The comprehensive care pathway doesn't end with discharge from the hospital.

## Contacts

### **Public**

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## Eligibility criteria

### **Inclusion criteria**

Patients aged 60 and older with a hip or pertrochanteric femur fracture.

### **Exclusion criteria**

High energetic trauma.

## Study design

## Design

Study type:	Observational non invasive
Intervention model:	Parallel
Allocation:	Non-randomized controlled trial
<b>Control:</b>	N/A , unknown

## Recruitment

NL	
Recruitment status:	Pending
Start date (anticipated):	01-01-2012
Enrollment:	390
Type:	Anticipated

## Ethics review

Positive opinion	
Date:	01-12-2011
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	NL3023
NTR-old	NTR3171

**Register**

Other  
ISRCTN

**ID**

METC UMCG : 2011/164  
ISRCTN wordt niet meer aangevraagd.

## Study results

**Summary results**

N/A