

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

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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.

Ethische beoordeling	Positief advies
Status	Werving nog niet gestart
Type aandoening	-
Onderzoekstype	Observationeel onderzoek, zonder invasieve metingen

Samenvatting

ID

NL-OMON27862

Bron

Nationaal Trial Register

Aandoening

Hip fracture, comprehensive care pathway.

Heupfractuur, multidisciplinair zorgpad

Ondersteuning

Primaire sponsor: University Medical Center Groningen

Overige ondersteuning: University Medical Center Groningen
Biomet

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Katz index at 6 months follow-up.

Toelichting onderzoek

Achtergrond van het onderzoek

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.

Doel van het onderzoek

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.

Onderzoeksopzet

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

Onderzoeksproduct en/of interventie

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.

Contactpersonen

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

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

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

High energetic trauma.

Onderzoeksopzet

Opzet

Type:	Observationeel onderzoek, zonder invasieve metingen
Onderzoeksmodel:	Parallel
Toewijzing:	Niet-gerandomiseerd
Controle:	N.v.t. / onbekend

Deelname

Nederland	
Status:	Werving nog niet gestart
(Verwachte) startdatum:	01-01-2012
Aantal proefpersonen:	390
Type:	Verwachte startdatum

Ethische beoordeling

Positief advies	
Datum:	01-12-2011
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

NTR-new

NTR-old

Ander register

ISRCTN

ID

NL3023

NTR3171

METC UMCG : 2011/164

ISRCTN wordt niet meer aangevraagd.

Resultaten

Samenvatting resultaten

N/A