

Perioperative indicators for complications and early mortality following hip fracture surgery. The protocol of the Rotterdam hip fracture study.

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Early post-operative mortality is particularly high, with reported 30-day mortality rates of 7.5 - 13.3%. Up to 5% of the hip fracture surgeries is performed in patients with a high death within 30-days after surgery. If the preoperative mortality...

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

Samenvatting

ID

NL-OMON21283

Bron

NTR

Verkorte titel

FAMMI

Aandoening

Patient with hip fractures

Ondersteuning

Primaire sponsor: none

Overige ondersteuning: none

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Hip fracture clinical outcomes and 30-day mortality rate and development of a more specific 30-day mortality prediction tool for clinical usage.

Toelichting onderzoek

Achtergrond van het onderzoek

Background:

The primary aim of the present study is to validate earlier suggested risk factors and find new associated factors for 30-day mortality. Secondary aims are;

- Collect epidemiological data about the background and incidence of patients with a hip fracture in the Rotterdam area between 2018 and 2022.
- Analyse clinical outcomes such as; in hospital mortality, length of hospital stay and complications after surgery to gain a more complete insight in the postoperative outcome.
- Monitor the implementation and functioning of a geriatric trauma unit within orthopaedic trauma units.
- Develop a more specific 30-day mortality prediction tool compared to the NHFS (Nottingham hip fracture score) for clinical usage.

Study design and population:

- Multicenter, prospective, observational study
- All patients over 65 years of age, with an acute proximal hip fracture (intracapsular, trochanteric or subtrochanteric) are included.

Excluded are patients with multi trauma injuries, pathologic fractures without sufficient trauma mechanism, or patients with no understanding of the Dutch or English language

Doel van het onderzoek

Early post-operative mortality is particularly high, with reported 30-day mortality rates of 7.5 - 13.3%.

Up to 5% of the hip fracture surgeries is performed in patients with a high death within 30-days after surgery. If the preoperative mortality risk calculation is more precise, surgery can be avoided in a select patient group.

Onderzoeksopzet

30 days, 3 months and 12 months after hospital admission.

Onderzoeksproduct en/of interventie

none

Contactpersonen

Publiek

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Wetenschappelijk

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

All patients over 65 years of age, with an acute proximal hip fracture (intracapsular, trochanteric or subtrochanteric) are included.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

Excluded are patients with multi trauma injuries, pathologic fractures without sufficient trauma mechanism, or patients with no understanding of the Dutch or English language

Onderzoeksopzet

Opzet

Type:	Observationeel onderzoek, zonder invasieve metingen
Onderzoeksmodel:	Parallel
Toewijzing:	Niet-gerandomiseerd
Blinding:	Open / niet geblindeerd
Controle:	Geneesmiddel

Deelname

Nederland	
Status:	Werving gestart
(Verwachte) startdatum:	01-01-2018
Aantal proefpersonen:	2500
Type:	Verwachte startdatum

Voornemen beschikbaar stellen Individuele Patiënten Data (IPD)

Wordt de data na het onderzoek gedeeld: Nee

Toelichting

N/A

Ethische beoordeling

Positief advies	
Datum:	14-01-2020
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
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NTR-new	NL8313
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Ander register TWOR. METC Maastad / Ikazia hospital. N-WMO notification : MEC-2017-35

Resultaten

Samenvatting resultaten

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