

Edema measurement in trauma patients with a fracture of the lower extremities in the rehabilitation phase.

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Investigate whether we can reliably measure the edema of Investigate whether it is possible to reliably measure the edema of the lower extremities by means of a tape measure on both ankles of the rehabilitants and follow the edema longitudinally...

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

Samenvatting

ID

NL-OMON26287

Bron

NTR

Verkorte titel

Oedeemfractuur

Aandoening

Trauma patients
Fracture of the lower extremities
Edema and complications.

Trauma patienten
Fractuur van de onderste extremiteiten
Oedeem en relatie tot complicatie.

Ondersteuning

Primaire sponsor: Netwerk Acute Care Limburg Maastricht
Adelante Rehabilitation centre in Hoensbroek

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Overige ondersteuning: Netwerk Acute Care Limburg Maastricht
Adelante Rehabilitation centre in Hoensbroek

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Is there a difference in edema between the ankles in trauma patients with fracture of the lower extremities.

Toelichting onderzoek

Achtergrond van het onderzoek

There is no available information in the literature about the development of edema in the affected limb in trauma patients with fracture of the lower extremities. There is no knowledge about

the edema process over time in patients with a fracture of the lower extremities who are allowed to have

permissive weight bearing. Is an increased edema in the affected side a sign of inflammation? Can we

demonstrate differences in edema in the fractured side relative to the contralateral side? Is this

inflammatory response useful as feedback to be given to patients and therapists to better individualize

the weight bearing?

The aim of this study is to investigate whether it is possible to reliably measure the edema of the lower

extremities at the height of the ankles by using a tape measure to measure edema of rehabilitants and

to follow them longitudinally. The hypothesis is that an increase of edema at the level of the ankle is a

sign of overload and requires adaptation of the rehabilitation program. The study population is trauma

patients with a fracture of the lower extremities that are clinically admitted in Adelante Rehabilitation Centre.

Doel van het onderzoek

Investigate whether we can reliably measure the edema of Investigate whether it is possible to reliably measure the edema of the lower extremities

by means of a tape measure on both ankles of the rehabilitants and follow the edema longitudinally

through time. An increase in edema at the height of the ankle is a sign of overload and requires

adaptation of the rehabilitation program.

Onderzoeksopzet

At the end of the day the edema will be measured. If there is an increase in edema and the patient is having complaints, the rehabilitation program will be adapted.

Onderzoeksproduct en/of interventie

The edema at the height of the ankle will be measured with a tape measure in trauma patients who have had a fracture of the lower extremities.

Contactpersonen

Publiek

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Wetenschappelijk

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

Trauma patients with fractures of the lower extremities, including pelvic fractures.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

Amputation patients (thigh,leg,foot) and bilateral fracture of the lower extremities.

Onderzoekopzet

Opzet

Type: Observationeel onderzoek, zonder invasieve metingen

Onderzoeksmodel:	Parallel
Toewijzing:	Niet-gerandomiseerd
Blinding:	Open / niet geblindeerd
Controle:	N.v.t. / onbekend

Deelname

Nederland	
Status:	Werving nog niet gestart
(Verwachte) startdatum:	01-10-2015
Aantal proefpersonen:	20
Type:	Verwachte startdatum

Voornemen beschikbaar stellen Individuele Patiënten Data (IPD)

Wordt de data na het onderzoek gedeeld: Nog niet bepaald

Ethische beoordeling

Positief advies	
Datum:	25-08-2015
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	NL5297

Register

NTR-old

Ander register

ID

NTR5406

METC Atrium-Orbis-Zuyd : 15-N-137b

Resultaten

Samenvatting resultaten

I will let u know about the progress of the research. If there will be a publication u will be contacted.