

What is the best treatment for a fracture of the fifth metacarpal: Paris plaster versus compression bandage

No registrations found.

Ethical review	Positive opinion
Status	Pending
Health condition type	-
Study type	Observational non invasive

Summary

ID

NL-OMON22169

Source

NTR

Health condition

metacarpal fifth fracture
hand function
subcapitale metacarpale vijf fractuur
handfunctie

Sponsors and support

Primary sponsor: Medisch centrum leeuwarden

Source(s) of monetary or material Support: Medisch centrum leeuwarden - wetenschapsfonds

Intervention

Outcome measures

Primary outcome

Handfunction measured by a questionnaire

Secondary outcome

- time to return to work
- complaints of stiffness of pain during/after treatment
- comfort of treatment
- overall patient satisfaction
- cosmetic aspect

Study description

Study objective

Treatment of a subcapital metacarpal fifth fracture with a compression bandage gives the same functional outcome a treatment with paris plaster

Study design

18 months for patient inclusion and data collection

2 months data analyses

4 months writing article

Intervention

treatment with paris plaster compared to compression bandage

Contacts

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Eligibility criteria

Inclusion criteria

- patients between 18-65 years
- presenting in the emergency department of the hospital in Leeuwarden or Heerenveen with a subcapital metacarpal fifth fracture
- period 2-1-2016 till 30-7-2017

Exclusion criteria

- age > 65
- operative treatment
- repositions
- open fracture
- concomitant injury like tendon injury of a second fracture on the same extremity
- relapse fracture
- patiënten with a neuromusculair condition of which to expect decreased handfunction (CVA, MS, CTS, dupuytren).

Study design

Design

Study type:	Observational non invasive
Intervention model:	Parallel
Allocation:	Non-randomized controlled trial
Masking:	Open (masking not used)
Control:	N/A , unknown

Recruitment

NL	
Recruitment status:	Pending
Start date (anticipated):	02-01-2016
Enrollment:	72
Type:	Anticipated

Ethics review

Positive opinion	
Date:	12-01-2016
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

NTR-new

NTR-old

Other

ID

NL5535

NTR5656

METC MCL : nWMO148

Study results