Optimal conservative treatment of displaced wrist fractures.

No registrations found.

Ethical review	Positive opinion
Status	Recruiting
Health condition type	-
Study type	Interventional

Summary

ID

NL-OMON24568

Source
Nationaal Trial Register

Brief title
N/A

Health condition

posterior displaced distal radius fracture

Sponsors and support

Primary sponsor: Viecurie MC, Venlo
Source(s) of monetary or material Support: Viecurie MC, Venlo

Intervention

Outcome measures

Primary outcome

1. Functional outcome measured with the PRWE questionnnaire;

2. objective functional parameters: Grip strength
and range of motion;

3. amount of redislocation as measured on control X-rays.

Secondary outcome

1. Occurrence of sudeck's dystrophy;

2. Pain during treatment;

3. occurence of secondary operative treatment.

Study description

Background summary

This randomized, controlled, prospective study will compare conservative treatment of displaced distal radius fractures with a plaster cast in a neutral position against a cast with the wrist 20 degrees dorsiflexed. Functional outcome and redislocation are objectively assesed.

Study objective

Conservative conservative treatment of displaced wrist fractures with a cast in which the wrist is 20 degrees dorsiflexed is better than a neutral position in terms of re-dislocation and functional outcome.

Study design

1 week: radiologic control, VAS-score to evaluate pain;

6 weeks, objective functional parameters: Grip strength and range of motion, VAS score and assess occurence of Dystrophy;

3 months and 6 months: subjective and objective functional outcome.

Intervention

Conservative treatment with a plaster cast.

Contacts

Public

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Eligibility criteria

Inclusion criteria

1. Ages 18 and over;

2. unilateral distal radius fracture with posterior displacement;

3. Normal wrist function prior to trauma;

4. Presents to ER at Viecuri Venlo.

Exclusion criteria

1. Indication for operative treatment;

2. previous wrist fracture;

3. multitrauma;

4. unable to attend to follow up at the participating hospital;

5. non-dutch speakers or persons with a cognitive deficit.

Study design

Design

Study type:	Interventional
Intervention model:	Parallel
Allocation:	Randomized controlled trial
Masking:	Open (masking not used)
Control:	N/A , unknown

Recruitment

NL

Recruitment status:	Recruiting
Start date (anticipated):	02-02-2009
Enrollment:	150
Type:	Anticipated

Ethics review

Positive opinion

Date:	07-01-2009
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	NL1546
NTR-old	NTR1618
Other	: 01
ISRCTN	ISRCTN wordt niet meer aangevraagd

Study results

Summary results
N/A