Long term results of Open Reduction and Internal fixation with a volar Locking Compression Plate in the treatment of distal radius fractures.

No registrations found.

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

Summary

ID

NL-OMON22034

Source
NTR

Health condition

distal radius fractuur wirst fracture
distale radius fractuur polsbreuk

Sponsors and support

Primary sponsor: Deventer Ziekenhuis/UMCG
Source(s) of monetary or material Support: Deventer Ziekenhuis

Intervention

Outcome measures

Primary outcome

DASH (disabilities of arm, shoulder and hand) questionnaire.

Secondary outcome

1. Wrist function (range of movement, wrist squeezing force);

2. Patient satisfaction;

3. Complications;

4. Radiologic parameters;

5. Implant removal.

Study description

Background summary

Although very common (1/6 fractures) the most effective treatment of distal radius fractures still isn't clear. Recent investigations gave promising results of Open Reduction with Internal Fixation (ORIF) with a volar placed Locking Compression Plate (LCP) in the treatment of distal radius fractures. The majority of these studies are limited by a short follow up (12-24 months avarage 18,8) and small numbers of patients (34-305 average 105,8). The long term results of ORIF with a volar LCP remain a question up until this day. This is the reason why we want to investigate long term functional and radiological results after ORIF with a volar LCP. At the Deventer Ziekenhuis (Netherlands) from 2004-2010 a minimum of 150 patients were treated with a volar LCP. We will ask patients to return to our hospital for a one time follow-up visit which includes clinical and radiological investigations.

Study objective

N/A

Study design

N/A

Intervention

N/A

Contacts

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Eligibility criteria

Inclusion criteria

1. Distal radius fracture A2-C3;

2. Age > 18jr;

3. Informed Consent.

Exclusion criteria

1. Nerve damage;

2. Multiple treatment;

3. Contralateral distal radius fracture;

4. Death;

5. Follow-up <12 months;

6. Degenerative joint disease;

7. Antebrachii fracture.

Study design

Design

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

Recruitment

NL

Recruitment status:	Pending
Start date (anticipated):	09-01-2012
Enrollment:	150
Type:	Anticipated

Ethics review

Positive opinion

Date:	16-11-2011
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	NL2998
NTR-old	NTR3146
Other	ABR : 38835
ISRCTN	ISRCTN wordt niet meer aangevraagd.

Study results

Summary results
N/A