

# Ultrasonography for diagnosis of scaphoid fractures: A diagnostic prospective study.

No registrations found.

<b>Ethical review</b>	Not applicable
<b>Status</b>	Suspended
<b>Health condition type</b>	-
<b>Study type</b>	Observational non invasive

## Summary

### ID

NL-OMON25194

### Source

NTR

### Health condition

Scaphoid fractures; all types

- distal pole (including distal articular surface and tuberosity)
- waist
- proximal pole

## Sponsors and support

**Primary sponsor:** Academic Medical Centre, Amsterdam - Departments of plastic-, reconstructive & handsurgery, traumatology and radiology

**Source(s) of monetary or material Support:** Academic Medical Centre, Amsterdam

## Intervention

## Outcome measures

### Primary outcome

The main objective of this study is to evaluate the use of ultrasonography in detection of occult scaphoid fractures. Sensitivity, specificity and positive and negative predictive values

for ultrasonography in comparison with a CT-scan.

### **Secondary outcome**

Subanalysis of different fractures types:

1. Proximal pole fractures;
2. Waist fractures;
3. Distal pole fractures.

## **Study description**

### **Background summary**

N/A

### **Study objective**

Ultrasonography can be used for detection of occult scaphoid fractures.

### **Study design**

1. Initial presentation at emergency room;
2. Within 7 - 10 days after presentation at emergency room.

### **Intervention**

Ultrasonography of wrist and subsequently a wrist CT.

## **Contacts**

### **Public**

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## Eligibility criteria

### Inclusion criteria

1. Clinical suspicion of a scaphoid fracture;
2. Normal hand/wrist radiographs;
3. Age > 18 years.

### Exclusion criteria

1. Other fractures in the affected extremity;
2. Multi trauma patients;
3. Open fractures of the hand;
4. Pregnancy;
5. Insufficient understanding of written and spoken Dutch language.

## Study design

### Design

Study type: Observational non invasive

Intervention model: Parallel

Allocation: Non controlled trial

**Control:** N/A , unknown

## Recruitment

NL

Recruitment status: Suspended

Start date (anticipated): 01-03-2013

Enrollment: 200

Type: Anticipated

## Ethics review

Not applicable

Application type: Not applicable

## 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	NL3608
NTR-old	NTR3767
Other	ABR : 43332
ISRCTN	ISRCTN wordt niet meer aangevraagd.

## Study results

### Summary results

N/A