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# Randomised controlled trial of K-wire fixation versus volar fixed-angle plate fixation in the treatment of unstable distal radius fractures

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| **Submission date**<br>30/09/2005 | **Recruitment status**<br>No longer recruiting |
| **Registration date**<br>30/09/2005 | **Overall study status**<br>Completed |
| **Last Edited**<br>19/04/2011 | **Condition category**<br>Injury, Occupational Diseases, Poisoning |

[_] Prospectively registered
[_] Protocol
[_] Statistical analysis plan
[X] Results
[_] Individual participant data

**Plain English summary of protocol**
Not provided at time of registration

## Contact information

**Type(s)**
Scientific

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## Additional identifiers

**Protocol serial number**
N0106149412

## Study information

**Scientific Title**

### Study objectives
To compare two methods of fixation for wrist fractures.

### Ethics approval required
Old ethics approval format

### Ethics approval(s)
Not provided at time of registration

### Primary study design
Interventional

### Study design
Randomised controlled trial

### Study type(s)
Not Specified

### Health condition(s) or problem(s) studied
Injury, Occupational Diseases, Poisoning: Wrist fractures

### Interventions
30 patients having their fracture treated with closed reduction and K-wire fixation
30 patients having their fracture treated with fixed-angle volar plating

### Intervention Type
Other

### Phase
Not Specified

### Primary outcome(s)
Wrist function and fracture healing

### Key secondary outcome(s)
Not provided at time of registration

### Completion date
30/06/2005

## Eligibility

### Key inclusion criteria
60 adult patients with a closed unilateral unstable distal radius fracture

### Participant type(s)
Patient

### Healthy volunteers allowed
No

**Age group**
Not Specified

**Sex**
Not Specified

**Key exclusion criteria**
Not provided at time of registration

**Date of first enrolment**
01/06/2004

**Date of final enrolment**
30/06/2005

# Locations

**Countries of recruitment**
United Kingdom

England

**Study participating centre**
**SpR Registrar, Trauma & Orthopaedics**
Cheltenham
United Kingdom
GL53 7AN

# Sponsor information

**Organisation**
Department of Health

# Funder(s)

**Funder type**
Government

**Funder Name**
Gloucestershire R&D Consortium (UK)

# Results and Publications

## Individual participant data (IPD) sharing plan

### IPD sharing plan summary
Not provided at time of registration

### Study outputs

| Output type | Details | Date created | Date added | Peer reviewed? | Patient-facing? |
|---|---|---|---|---|---|
| Results article | results | 01/02/2011 | | Yes | No |