# Treatment of Jones fracture: operative versus non operative treatment

Submission date	Recruitment status	Prospectively registered
29/09/2006	No longer recruiting	☐ Protocol
Registration date	Overall study status	Statistical analysis plan
29/09/2006	Completed	Results
Last Edited	Condition category	Individual participant data
19/10/2016	Injury, Occupational Diseases, Poisoning	<ul><li>Record updated in last year</li></ul>

#### Plain English summary of protocol

Not provided at time of registration

### Contact information

#### Type(s)

Scientific

#### Contact name

Dr Arvind Rawal

#### Contact details

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# Additional identifiers

Protocol serial number N0280163204

# Study information

#### Scientific Title

Treatment of Jones fracture: operative versus non operative treatment

#### Study objectives

The aim of this study is to determine whether operative treatment of Jones fracture gives better outcome.

#### Ethics approval required

Old ethics approval format

#### Ethics approval(s)

Not provided at time of registration

#### Study design

Randomised controlled trial

#### Primary study design

Interventional

#### Study type(s)

**Not Specified** 

#### Health condition(s) or problem(s) studied

Injury, Occupational Diseases, Poisoning: Jones fracture

#### **Interventions**

Prospective study with randomisation of type II Jones Fractures into operative versus non-operative groups.

Non-surgical treatment group patients will be placed in a short leg (below knee) non weight bearing cast for 6-8 weeks, followed by a weight bearing cast for an additional 6-8 weeks. Surgical treatment group patients will undergo open reduction and internal fixation of the fracture with intramedullary screw.

All patients will be given follow up appointments at 2,4,8,12, and 16 week intervals. Radiographs will be similarly scheduled for 4, 8,12 and 16 week intervals to assess fracture healing. Final AOFAS score, radiological assessment and patient satisfaction score at 16 weeks will be used as outcome measures and the two groups will be compared.

#### Intervention Type

Other

#### Phase

**Not Specified** 

#### Primary outcome(s)

American ankle and foot scoring system visual analogue scale for patient satisfaction, radiological analysis re time to unite.

#### Key secondary outcome(s))

Not provided at time of registration

#### Completion date

30/08/2006

# Eligibility

#### Key inclusion criteria

All patients with Jones fracture of 5th metatarsal

#### Participant type(s)

**Patient** 

#### Healthy volunteers allowed

No

#### Age group

**Not Specified** 

#### Sex

**Not Specified** 

#### Key exclusion criteria

- 1.Torg Type 3 fractures (Established non union)
- 2. Refracture after previous healing with surgical / non surgical treatment
- 3. Patients who do not wish to participate in the study and choose to opt for surgical or non surgical treatment without randomisation
- 4. Patients below 16 yrs of age
- 5. Patients with mental health problems or learning disabilities

#### Date of first enrolment

01/05/2005

#### Date of final enrolment

30/08/2006

# Locations

#### Countries of recruitment

United Kingdom

England

# Study participating centre Dept of Orthopaedics

Wirral United Kingdom CH49 5PE

# **Sponsor information**

#### Organisation

Record Provided by the NHSTCT Register - 2006 Update - Department of Health

# Funder(s)

#### Funder type

Government

#### **Funder Name**

Wirral Hospitals NHS Trust

#### Funder Name

NHS R&D Support Funding

# **Results and Publications**

Individual participant data (IPD) sharing plan

# IPD sharing plan summary

Not provided at time of registration