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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	[ ] Record updated in last year

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers
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

Secondary study design
Randomised controlled trial

Study setting(s)
Not specified

Study type(s)
Not Specified

Participant information sheet

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

Secondary outcome measures
Not provided at time of registration

Overall study start date
01/05/2005

Completion date
30/08/2006

Eligibility

Key inclusion criteria
All patients with Jones fracture of 5th metatarsal

Participant type(s)
Patient

Age group
Not Specified

Sex
Not Specified

Target number of participants
35 patients in each group.

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

England

United Kingdom

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

Sponsor details
The Department of Health, Richmond House, 79 Whitehall
London
United Kingdom
SW1A 2NL
+44 (0)20 7307 2622
dhmail@doh.gsi.org.uk

Sponsor type
Government

Website
http://www.dh.gov.uk/Home/fs/en

Funder(s)

Funder type
Government

Funder Name
Wirral Hospitals NHS Trust

Funder Name
NHS R&D Support Funding

Results and Publications

Publication and dissemination plan
Not provided at time of registration

Intention to publish date

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Not provided at time of registration