ISRCTN61718349 https://doi.org/10.1186/ISRCTN61718349

Comparison of fasciotomy with fasciectomy in the treatment of Dupuytren's contracture

Submission date 12/09/2003	**Recruitment status** No longer recruiting	[ ] Prospectively registered [ ] Protocol [ ] Statistical analysis plan [ ] Results [ ] Individual participant data [ ] Record updated in last year
Registration date 12/09/2003	**Overall study status** Completed	
Last Edited 04/10/2013	**Condition category** Musculoskeletal Diseases	

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
N0237086821

Study information

Scientific Title

Study objectives
To compare the long term outcomes of treatment of palmar bands with metacarpophalangeal joint (MCPJ) contracture by fasciotomy with fasciectomy.

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
Musculoskeletal Diseases: Dupuytren's disease

Interventions
Patients will be randomised to undergo either fasciotomy or fasciectomy. Both procedures will be performed under general anaesthetic with an upper arm tourniquet as a day case, unless contraindicated, in which case admission will be arranged. Both procedures will be performed through 'zig-zag' palmar incisions ensuring identification and protection of the digital nerves.

Intervention Type
Other

Phase
Not Specified

Primary outcome(s)
There are currently no prospective studies comparing fasciotomy with fasciectomy for patients requiring surgery for palmar Dupuytren's with MCPJ contracture. Currently both procedures are performed in our unit according to the surgeons preference. Previous retrospective studies have shown benefits of fasciotomy for MCPJ contracture.

Study endpoints: 5 year follow-up observing any disease recurrence and the degree of improvement of MCPJ contracture.

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

Completion date
31/12/2008

Eligibility

Key inclusion criteria
Recruitment will be from new referrals from out patient clinics. Patients will be included if they are >35 years with palmar Dupuytren's causing contracture at the metacarpophalangeal joint (MCPJ) which interferes with hand function.

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Adult

Sex
Not Specified

Key exclusion criteria
Not provided at time of registration

Date of first enrolment
01/01/2001

Date of final enrolment
31/12/2008

Locations

Countries of recruitment
United Kingdom

England

Study participating centre
Consultant
Prescot, Merseyside
United Kingdom
L35 5DR

Sponsor information

Organisation
Department of Health (UK)

Funder(s)

Funder type
Government

Funder Name
St Helens and Knowsley Hospitals NHS Trust (UK)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Not provided at time of registration