

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
Registration date 12/09/2003	Overall study status Completed	☐ Statistical analysis plan
		☐ Results
Last Edited 04/10/2013	Condition category Musculoskeletal Diseases	☐ Individual participant data
		☐ 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

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

Study design

Randomised controlled trial

Primary study design

Interventional

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