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

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

### Plain English summary of protocol

Not provided at time of registration

# Contact information

## Type(s)

Scientific

#### Contact name

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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