

Should the wound be closed with absorbable or non-absorbable sutures after surgery for Dupuytren's Contracture

Submission date
30/09/2005

Recruitment status
No longer recruiting

☐ Prospectively registered

☐ Protocol

Registration date
30/09/2005

Overall study status
Completed

☐ Statistical analysis plan

☒ Results

Last Edited
25/08/2009

Condition category
Musculoskeletal Diseases

☐ Individual participant data

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

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Contact details

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Additional identifiers

Protocol serial number

N0280141212

Study information

Scientific Title

Study objectives

Would surgical treatment of Dupuytren's Contracture involves less discomfort for patients if absorbable (dissolving) sutures were used instead of non-absorbable sutures? Would absorbable sutures significantly reduce the amount of time nursing staff need to allocate to the care of patients having surgery for Dupuytren's Contracture?

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)

Other

Health condition(s) or problem(s) studied

Musculoskeletal Diseases: Dupuytren's disease

Interventions

Randomised controlled trial:

1. absorbable-vicryl rapide 5/0 sutures
2. non-absorbable-prolene 5/0 sutures

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

Patients discomfort/pain will be measured using visual analogue and non-parametric Mann Whitney test. The difference in the mean time the nurses spend with the patients in the two groups will be investigated using an independent t-test. Healing complications will probably take form of grouped data and comparisons of the two groups will be done by chi-squared test.

Key secondary outcome(s)

Not provided at time of registration

Completion date

31/05/2005

Eligibility**Key inclusion criteria**

All patients that are listed for fasciectomy for Dupuytren's Contracture.

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Sex

All

Key exclusion criteria

1. Fasciectomy with skin grafting
2. Fasciectomy for recurrent diseases at the site of previous surgery

Date of first enrolment

01/05/2004

Date of final enrolment

31/05/2005

Locations

Countries of recruitment

United Kingdom

England

Study participating centre

Fracture and Orthopedic Clinic

Wirral

United Kingdom

CH49 5PE

Sponsor information

Organisation

Department of Health

Funder(s)

Funder type

Government

Funder Name

Wirral Hospitals NHS Trust (UK)

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

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article	results	01/10/2009		Yes	No