Should the wound be closed with absorbable or non-absorbable sutures after surgery for Dupuytrens Contracture

Submission date	Recruitment status No longer recruiting	Prospectively registered		
30/09/2005		☐ Protocol		
Registration date	Overall study status Completed	Statistical analysis plan		
30/09/2005		[X] Results		
Last Edited	Condition category	Individual participant data		
25/08/2009	Musculoskeletal Diseases			

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

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

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 Dupuytrens Contracture?

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)

Hospital

Study type(s)

Other

Participant information sheet

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 measure

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 dome by chi-squared test.

Secondary outcome measures

Not provided at time of registration

Overall study start date

01/05/2004

Completion date

31/05/2005

Eligibility

Key inclusion criteria

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

Participant type(s)

Patient

Age group

Adult

Sex

Both

Target number of participants

Minimum of 30 in each group.

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

England

United Kingdom

Study participating centre Fracture and Orthopedic Clinic Wirral United Kingdom CH49 5PE

Sponsor information

Organisation

Department of Health

Sponsor details

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 (UK)

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

Study outputs

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