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

Submission date	Recruitment status	[ ] Prospectively registered
30/09/2005	No longer recruiting	[ ] Protocol
Registration date	**Overall study status**	[ ] Statistical analysis plan
30/09/2005	Completed	[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
Ms Kim Howard

Contact details
Fracture and Orthopedic Clinic
Wirral Hospital NHS Trust
Arrowe Park Road
Upton
Wirral
United Kingdom
CH49 5PE

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 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

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 dome 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