

A double blind prospective randomised controlled study comparing absorbable versus non-absorbable suture techniques in Carpal Tunnel Release.

Submission date 30/09/2005	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered
Registration date 30/09/2005	Overall study status Completed	<input type="checkbox"/> Protocol
Last Edited 02/12/2008	Condition category Nervous System Diseases	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
		<input type="checkbox"/> Individual participant data

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
N0084144561

Study information

Scientific Title

Study objectives

Comparison of suturing techniques: the absorbable suturing technique of parpal tunnel release and the non-absorbable suturing technique, in terms of patient pain perception, scar tenderness and wound healing.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Not provided at time of registration

Primary study design

Interventional

Study design

Double blind prospective randomised controlled study

Study type(s)

Not Specified

Health condition(s) or problem(s) studied

Nervous System Diseases: Carpal tunnel syndrome (CTS)

Interventions

After patients have agreed to participate, they will be randomised into one or other of the treatment arms:

1. Technique A = Using a continuous subcuticular absorbable 3.0 polyglactin 910 (vicryl) suture
2. Technique B = Using interrupted non-absorbable 3.0 monofilament polypropylene (prolene) suture

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

1. Residual postoperative pain using Visual Analogue Scale
2. Scar tenderness
3. Preoperative and postoperative symptoms using CTS Symptom Severity Score
4. Preoperative and postoperative functional status using CTS Functional Status Scale
5. Extent of wound healing

Key secondary outcome(s)

Not provided at time of registration

Completion date

30/04/2004

Eligibility

Key inclusion criteria

40 patients, aged between 18 to 75 years are invited to participate in the study.

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Lower age limit

18 Years

Sex

Not Specified

Key exclusion criteria

Not provided at time of registration

Date of first enrolment

01/04/2003

Date of final enrolment

30/04/2004

Locations

Countries of recruitment

United Kingdom

England

Study participating centre

Northern Lincolnshire & Goole Hospitals NHS Trust

Scunthorpe

United Kingdom

DN15 7BH

Sponsor information

Organisation

Department of Health

Funder(s)

Funder type

Government

Funder Name

Northern Lincolnshire and Goole Hospitals NHS Trust (UK), 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	01/02/2005		Yes	No