

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

Contact name

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Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

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

Study design

Double blind prospective randomised controlled study

Primary study design

Interventional

Secondary study design

Randomised controlled trial

Study setting(s)

Not specified

Study type(s)

Not Specified

Participant information sheet

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 measure

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

Secondary outcome measures

Not provided at time of registration

Overall study start date

01/04/2003

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

Age group

Adult

Lower age limit

18 Years

Sex

Not Specified

Target number of participants

40

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**

England

United Kingdom

Study participating centre

Northern Lincolnshire & Goole Hospitals NHS Trust

Scunthorpe

United Kingdom

DN15 7BH

Sponsor information

Organisation

Department of Health

Sponsor details

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Sponsor type

Government

Website

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Funder(s)

Funder type

Government

Funder Name

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