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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

Registration date
30/09/2005

Overall study status
Completed

Last Edited
02/12/2008

Condition category
Nervous System Diseases

[_] Prospectively registered
[_] Protocol
[_] Statistical analysis plan
[X] Results
[_] 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

Study design
Double blind prospective randomised controlled study

Primary study design
Interventional

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