

A prospective, randomised, clinical trial comparing trapezial denervation with trapeziectomy for the surgical treatment of arthritis at the base of the thumb

Submission date 12/09/2003	Recruitment status No longer recruiting	☐ Prospectively registered
Registration date 12/09/2003	Overall study status Completed	☐ Protocol
Last Edited 23/04/2025	Condition category Surgery	☐ Statistical analysis plan
		☒ Results
		☐ Individual participant data

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

Prof FD Burke

Contact details

Southern Derbyshire Acute Hospitals NHS Trust
Pulvertaft Hand Centre
Derbyshire Royal Infirmary
London Road
Derby
United Kingdom
DE1 2QY
+44 (0)1332 347141 ext 2258
frank.burke@virgin.net

Additional identifiers

Protocol serial number

N0077111388

Study information

Scientific Title

A prospective, randomised, clinical trial comparing trapezial denervation with trapeziectomy for the surgical treatment of arthritis at the base of the thumb

Study objectives

Trapezial denervation offers the most effective option available with a shorter operating time and rapid rehabilitation at less cost to both patient and hospital.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Not provided at time of registration

Primary study design

Interventional

Study design

Randomized controlled trial

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Treatment of arthritis at the base of the thumb

Interventions

A range of objective and subjective assessments carried out by the Occupational Therapists at three intervals:

1. Prior to surgery
2. 6 months after surgery
3. 12 months after surgery
4. 5 years after surgery

Measure of Health Status, using EQ5D.

Intervention Type

Procedure/Surgery

Phase

Not Specified

Primary outcome(s)

1. Strength
2. Range of movement
3. Pain
4. Functional ability
5. Patient satisfaction

Key secondary outcome(s)

Not provided at time of registration

Completion date

31/12/2013

Eligibility

Key inclusion criteria

Patients with osteo-arthritis at the base of the thumb who attend the Pulvertaft Hand Centre.

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Not Specified

Sex

Not Specified

Total final enrolment

55

Key exclusion criteria

Not provided at time of registration

Date of first enrolment

01/07/2002

Date of final enrolment

31/12/2013

Locations

Countries of recruitment

United Kingdom

England

Study participating centre

Southern Derbyshire Acute Hospitals NHS Trust

Derby

United Kingdom

DE1 2QY

Sponsor information

Organisation

Department of Health (UK)

Funder(s)

Funder type

Charity

Funder Name

Southern Derbyshire Acute Hospitals NHS Trust (UK) - NHS R&D Support Funding and Charitable Funds

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		13/02/2019	23/04/2025	Yes	No