

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

<b>Submission date</b> 12/09/2003	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
<b>Registration date</b> 12/09/2003	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
<b>Last Edited</b> 23/04/2025	<b>Condition category</b> Surgery	<input type="checkbox"/> 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

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## Additional identifiers

EudraCT/CTIS number

IRAS number

**ClinicalTrials.gov number**

**Secondary identifying numbers**

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

### **Study design**

Randomized controlled trial

### **Primary study design**

Interventional

### **Secondary study design**

Randomised controlled trial

### **Study setting(s)**

Other

### **Study type(s)**

Treatment

### **Participant information sheet**

### **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 measure**

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

**Secondary outcome measures**

Not provided at time of registration

**Overall study start date**

01/07/2002

**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

**Age group**

Not Specified

**Sex**

Not Specified

**Target number of participants**

Not provided at time of registration

**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

England

United Kingdom

## Study participating centre

Southern Derbyshire Acute Hospitals NHS Trust

Derby

United Kingdom

DE1 2QY

# Sponsor information

## Organisation

Department of Health (UK)

## Sponsor details

Richmond House

79 Whitehall

London

United Kingdom

SW1A 2NL

## Sponsor type

Government

## Website

<http://www.doh.gov.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

**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?
<a href="#">Results article</a>		13/02/2019	23/04/2025	Yes	No