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# Ultrasound therapy for lateral epicondylitis. A double blind randomised placebo controlled trial

| Submission date | Recruitment status | [ ] Prospectively registered |
|---|---|---|
| 12/09/2003 | No longer recruiting | [ ] Protocol |
| **Registration date** | **Overall study status** | [ ] Statistical analysis plan |
| 12/09/2003 | Completed | [X] Results |
| **Last Edited** | **Condition category** | [ ] Individual participant data |
| 06/12/2013 | Musculoskeletal Diseases | |

**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**
N0544103837

## Study information

**Scientific Title**

### Study objectives
Ultrasound therapy for lateral epicondylitis

### Ethics approval required
Old ethics approval format

### Ethics approval(s)
Not provided at time of registration

### Study design
Randomised controlled trial

### Primary study design
Interventional

### Study type(s)
Not Specified

### Health condition(s) or problem(s) studied
Lateral epicondylitis (tennis elbow)

### Interventions
To evaluate the effects of ultrasound in the treatment of lateral epicondylitis. Adult subjects with lateral epicondylitis will be randomised to receive either ultrasound (US) or sham (S) therapy. In the US group pulsed ultrasound will be delivered at a standardised dosage, initially five times weekly for 3 weeks, then three times weekly for 3 weeks. A single machine will be used and calibrated twice daily. The patient, assessor and treating clinician will be blinded. Outcome measures will be recorded at 6 weeks and at 9 months from baseline. These will include a forearm evaluation score and pain (primary measures), grip strength, flexibility, inflammation (thermographic score), quality of life and general health status, a summary item of status of the injury and a follow up transition item.

### Intervention Type
Other

### Phase
Not Specified

### Primary outcome(s)
Not provided at time of registration

### Key secondary outcome(s))
Not provided at time of registration

### Completion date
11/09/2003

## Eligibility

### Key inclusion criteria

200 18-75 year olds (PROJ)

**Participant type(s)**
Patient

**Healthy volunteers allowed**
No

**Age group**
Adult

**Lower age limit**
18 years

**Upper age limit**
75 years

**Sex**
All

**Key exclusion criteria**
Does not match inclusion criteria

**Date of first enrolment**
11/09/2000

**Date of final enrolment**
11/09/2003

# Locations

**Countries of recruitment**
United Kingdom

England

**Study participating centre**
**Box No 204**
Cambridge
United Kingdom
CB2 2QQ

# Sponsor information

**Organisation**

Department of Health (UK)

# Funder(s)

**Funder type**
Other

**Funder Name**
Cambridge Consortium - Addenbrooke's (UK)

# 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 | 01/05/2006 | | Yes | No |