ISRCTN94184937 https://doi.org/10.1186/ISRCTN94184937

# Comparison of efficacy of transcutaneous nerve stimulation and sensory discrimination education in patients with chronic low back pain

| | | |
|---|---|---|
| **Submission date**<br>31/03/2010 | **Recruitment status**<br>No longer recruiting | [_] Prospectively registered<br>[_] Protocol<br>[_] Statistical analysis plan<br>[X] Results<br>[_] Individual participant data |
| **Registration date**<br>31/03/2010 | **Overall study status**<br>Completed | |
| **Last Edited**<br>03/12/2012 | **Condition category**<br>Musculoskeletal Diseases | |

**Plain English summary of protocol**
Not provided at time of registration

## Contact information

**Type(s)**
Scientific

**Contact name**
Prof Jeremy C T Fairbank

**Contact details**
Old Road
Headington
Oxford
United Kingdom
OX3 7LF

## Additional identifiers

**Protocol serial number**
3321; 078195

## Study information

**Scientific Title**
Comparison of efficacy of transcutaneous nerve stimulation and sensory discrimination education in patients with chronic low back pain: a randomised interventional single centre treatment trial

## Study objectives
This is a comparison of transcutaneous nerve stimulation and sensory discrimination education in patients with chronic low back pain.

## Ethics approval required
Old ethics approval format

## Ethics approval(s)
Milton Keynes REC approved on the 2nd August 2005 (ref: 05/Q1603/34)

## Primary study design
Interventional

## Study design
Randomised interventional single centre treatment trial

## Study type(s)
Treatment

## Health condition(s) or problem(s) studied
Topic: Musculoskeletal; Subtopic: Musculoskeletal (all Subtopics); Disease: Musculoskeletal

## Interventions
Patients aged greater than 18 years with greater than 3 months chronic low back pain awaiting physiotherapy at the Nuffield Orthopaedic Centre will be asked to complete one week of diary record of pain. An average of one week of diary record of pain by linear analogue scale will be the baseline measure of the primary outcome measure. Patients will be excluded if they complete the diary on less than 3 days during this week.

## Intervention Type
Other

## Phase
Not Applicable

## Primary outcome(s)
0 - 100 mm Linear Analogue Pain Scale (LAS) for back pain, taken daily for one week recording best, worst and average. Outcome was based on mean score of 7 daily average scores.

## Key secondary outcome(s)
1. Oswestry Disability Index
2. Euroqol
3. DRAM
4. An open questionnaire to assess satisfaction and comments on treatment.

Measured at baseline, 3 weeks, 6 weeks and 3 months.

## Completion date
01/01/2008

# Eligibility

### Key inclusion criteria
1. Chronic low back pain
2. Aged 18 years or older, either sex

### Participant type(s)
Patient

### Healthy volunteers allowed
No

### Age group
Adult

### Lower age limit
18 Years

### Sex
All

### Key exclusion criteria
1. Aged less than 18 years
2. Treatment likely to harm patient

### Date of first enrolment
01/01/2006

### Date of final enrolment
01/01/2008

# Locations

### Countries of recruitment
United Kingdom

England

### Study participating centre
**Old Road**
Oxford
United Kingdom
OX3 7LF

# Sponsor information

**Organisation**
Nuffield Orthopaedic Centre NHS Trust (UK)

**ROR**
https://ror.org/0036ate90

# Funder(s)

**Funder type**
Charity

**Funder Name**
The Wellcome Trust (UK) (grant ref: 078195)

# 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 | 28/06/2008 | | Yes | No |