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

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

Study design
Randomised interventional single centre treatment trial

Primary study design
Interventional

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
Participant information sheet	Participant information sheet	11/11/2025	11/11/2025	No	Yes