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A randomised trial of sympathetic interferential therapy versus pulsed shortwave diathermy in the treatment of chronic pain syndrome

Submission date 12/09/2003	**Recruitment status** No longer recruiting	[ ] Prospectively registered [ ] Protocol [ ] Statistical analysis plan [ ] Results [ ] Individual participant data [ ] Record updated in last year
Registration date 12/09/2003	**Overall study status** Completed	
Last Edited 29/04/2015	**Condition category** Signs and Symptoms	

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

Contact name
Dr EM Saunders

Contact details
Southern Derbyshire Acute Hospitals NHS Trust
Physiotherapy Department
Derby City General Hospital
Uttoxeter road
Derby
United Kingdom
DE22 3NE

Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers
N0077117125

Study information

Scientific Title
A randomised trial of sympathetic interferential therapy versus pulsed shortwave diathermy in the treatment of chronic pain syndrome

Study objectives
Is Dynatron STS interferential therapy more effective than pulsed short-wave in the reduction of the symptoms caused by chronic pain.

Ethics approval required
Old ethics approval format

Ethics approval(s)
Southern Derbyshire Local Research Ethics Committee, 20/08/2002, ref: 0207/514

Study design
Randomised controlled trial

Primary study design
Interventional

Secondary study design
Randomised controlled trial

Study setting(s)
Hospital

Study type(s)
Treatment

Participant information sheet

Health condition(s) or problem(s) studied
Signs and symptoms: pain

Interventions
Patients will be randomised into one of two groups, interferential or pulsed short-wave. Patients will be treated for four weeks with the treatment selected at randomisation, then will cross over to the other treatment after four weeks. Measurements will be taken for functional disability, for pain intensity, for general health and for anxiety and depression before the first treatment, after the first treatment at four weeks and at the end of the second course of treatment at eight weeks.

Intervention Type
Procedure/Surgery

Primary outcome measure
1. Pain analogue scale
2. Oswestry disability scale

Secondary outcome measures
Hospital anxiety and depression scale

Overall study start date
08/10/2002

Completion date
16/12/2005

Eligibility

Key inclusion criteria
1. Patients attending the pain clinic or physiotherapy outpatients, Derby Royal Infirmary and Derby City General Hospital, with chronic pain syndromes
2. Patients with chronic pain of over six months duration
3.Male or female aged 20-85

Participant type(s)
Patient

Age group
Adult

Sex
Both

Target number of participants
30

Key exclusion criteria
1. Patients on anti-coagulant drug therapy
2. Patients with a cardiac pacemaker
3. Patients with a malignancy

Date of first enrolment
08/10/2002

Date of final enrolment
16/12/2005

Locations

Countries of recruitment
England

United Kingdom

Study participating centre
Southern Derbyshire Acute Hospitals NHS Trust
Derby
United Kingdom
DE22 3NE

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
Government

Funder Name
Derbyshire Hospitals NHS Foundation Trust (UK)

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