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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

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Additional identifiers

Protocol serial number
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

Study type(s)
Treatment

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(s)
1. Pain analogue scale
2. Oswestry disability scale

Key secondary outcome(s))
Hospital anxiety and depression scale

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

Healthy volunteers allowed
No

Age group
Adult

Sex
All

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
United Kingdom

England

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

Sponsor information

Organisation
Department of Health (UK)

Funder(s)

Funder type
Government

Funder Name
Derbyshire Hospitals NHS Foundation Trust (UK)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Not provided at time of registration