

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	<input type="checkbox"/> Prospectively registered
		<input type="checkbox"/> Protocol
Registration date 12/09/2003	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan
		<input type="checkbox"/> Results
Last Edited 29/04/2015	Condition category Signs and Symptoms	<input type="checkbox"/> Individual participant data
		<input type="checkbox"/> Record updated in last year

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

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Contact details

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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