

The efficacy of acupuncture versus local anaesthetic injection in the treatment of myofascial pain in the jaw muscles.

Submission date 23/01/2004	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
Registration date 23/01/2004	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
Last Edited 03/12/2008	Condition category Oral Health	<input type="checkbox"/> Individual participant data

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

Dr Anne McMillan

Contact details

University of Newcastle
Dept of Restorative Dentistry
Dental School
Framlington Place
Newcastle upon Tyne
United Kingdom
NE2 4BW
+44 (0)191 2228196

Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

Study information

Scientific Title

Study objectives

Myofascial pain is a major cause of non-dental pain in the orofacial region. Pain and tenderness at trigger points and referral sites is often treated by acupuncture and local anaesthetic injection of active trigger points. However, the therapeutic effect of these treatments has been poorly quantified and the mechanism underlying the effect is unclear. In a randomised, double blind, controlled clinical trial, a pressure algometer will be used to measure pressure-pain thresholds in the masseter and temporalis muscles of 60 subjects with myofascial pain in the jaw muscles, before and after a series of acupuncture and local anaesthetic injection treatments. Subjects will also rate pain intensity and unpleasantness using visual analogue scales. This study is designed to demonstrate the therapeutic efficacy of acupuncture versus local anaesthetic injection in the treatment of myofascial pain in the orofacial region.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Not provided at time of registration

Study design

randomised double blind controlled clinical trial

Primary study design

Interventional

Secondary study design

Randomised controlled trial

Study setting(s)

Not specified

Study type(s)

Not Specified

Participant information sheet

Health condition(s) or problem(s) studied

Oral health/stomatognathic diseases

Interventions

1. Acupuncture
2. Local anaesthetic injection

Intervention Type

Other

Phase

Not Specified

Primary outcome measure

Not provided at time of registration

Secondary outcome measures

Not provided at time of registration

Overall study start date

03/01/1995

Completion date

31/12/1996

Eligibility

Key inclusion criteria

Patients presenting with myofascial pain in the jaw muscles

Participant type(s)

Patient

Age group

Adult

Sex

Not Specified

Target number of participants

Added December 2008: 30

Key exclusion criteria

Not provided at time of registration

Date of first enrolment

03/01/1995

Date of final enrolment

31/12/1996

Locations

Countries of recruitment

England

United Kingdom

Study participating centre
University of Newcastle
Newcastle upon Tyne
United Kingdom
NE2 4BW

Sponsor information

Organisation

NHS R&D Regional Programme Register - Department of Health (UK)

Sponsor details

The Department of Health
Richmond House
79 Whitehall
London
United Kingdom
SW1A 2NL
+44 (0)20 7307 2622
dhmail@doh.gsi.org.uk

Sponsor type

Government

Website

<http://www.doh.gov.uk>

Funder(s)

Funder type

Government

Funder Name

NHS Executive Northern and Yorkshire (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

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article	results	01/09/1997		Yes	No