

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	☐ Prospectively registered ☐ Protocol
Registration date 23/01/2004	Overall study status Completed	☐ Statistical analysis plan ☒ Results
Last Edited 03/12/2008	Condition category Oral Health	☐ Individual participant data

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
94099926 r280/05109

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

Study type(s)

Not Specified

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(s)

Not provided at time of registration

Key secondary outcome(s))

Not provided at time of registration

Completion date

31/12/1996

Eligibility

Key inclusion criteria

Patients presenting with myofascial pain in the jaw muscles

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Sex

Not Specified

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

United Kingdom

England

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)

Funder(s)

Funder type

Government

Funder Name

NHS Executive Northern and Yorkshire (UK)

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	01/09/1997		Yes	No