

Conservative Treatment for Tennis Elbow

Submission date 28/09/2007	Recruitment status No longer recruiting	☐ Prospectively registered
Registration date 28/09/2007	Overall study status Completed	☐ Protocol
Last Edited 24/08/2012	Condition category Musculoskeletal Diseases	☐ Statistical analysis plan
		☐ Results
		☐ Individual participant data
		☐ 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

N0284183280

Study information

Scientific Title

Study objectives

1.To investigate whether muscle function (EMG) and thermal changes show a relationship with pain/inflammation

2. To investigate the immediate effects on muscle function using EMG and on inflammation using thermographic analysis in the different treatment groups.
3. To investigate the sustainability of EMG and thermographic changes in the different treatment groups.
4. To determine whether EMG and thermography can be altered solely by the alleviation of pain /inflammation through injection and ultrasound alone or physiotherapy rehabilitation.
5. To evaluate whether therapy resistant patients i.e. patients who do not respond to treatment can be differentiated from non resistant cases through EMG studies and thermographic analysis.
6. To develop prognostic indications for patients with tennis elbow.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Not provided at time of registration

Primary study design

Interventional

Study design

Prospective randomised, assessor-blinded trial

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Musculoskeletal Diseases: Tennis elbow

Interventions

All patients referred with tennis elbow to the Trust will be assessed by the chief investigator in a standardised manner according to defined eligibility criteria. The only intervention is a 10 minute questionnaire.

Group 1 = Exercise class

Group 2 = Individual physio

Group 3 = Supervised classes (at home)

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

The primary outcome measure is constant score for the three groups will be compared at three months to assess whether there is any difference in the recovery at this point.

Key secondary outcome(s)

The VAS and OSS scores will be analysed at three months for differences between the three groups. All three scores will be analysed at six months and two years to see if there is any differences in the groups in the longer term.

Completion date

01/10/2009

Eligibility

Key inclusion criteria

1. Patients referred to physiotherapy with tennis elbow.
2. Diabetics but diagnosis will be noted, any person satisfying the diagnostic criteria who has not had active treatment for the condition within one month and who has had symptoms for less than 18 months at first assessment with established symptoms and suitable for either treatment
3. Age 35 to 65 years.

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Not Specified

Sex

Not Specified

Key exclusion criteria

Abnormal x-rays including calcific tendonitis, glenohumeral OA, 50% loss of passive glenohumeral joint movement, normal x-rays (non symptomatic radiological AC joint arthritis accepted)

Date of first enrolment

01/07/2006

Date of final enrolment

01/10/2009

Locations

Countries of recruitment

United Kingdom

England

Study participating centre

Physio Department

Wigan

United Kingdom

WN1 2NN

Sponsor information

Organisation

Record Provided by the NHSTCT Register - 2007 Update - Department of Health

Funder(s)

Funder type

Government

Funder Name

Wrightington, Wigan and Leigh NHS Trust

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration