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The role of pressure feedback in muscle patterning shoulder instability

Submission date	Recruitment status	[ ] Prospectively registered
29/09/2006	Stopped	[ ] Protocol
Registration date	**Overall study status**	[ ] Statistical analysis plan
29/09/2006	Stopped	[ ] Results
Last Edited	**Condition category**	[ ] Individual participant data
17/07/2009	Musculoskeletal Diseases	[ ] Record updated in last year

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
N0209167764

Study information

Scientific Title

Study objectives
Does the application of Tubigrip on the symptomatic arm affect grip strength, dexterity and shoulder movement in patients with muscle patterning instability?

Ethics approval required
Old ethics approval format

Ethics approval(s)
Not provided at time of registration

Study design
Randomised controlled trial

Primary study design
Interventional

Study type(s)
Treatment

Health condition(s) or problem(s) studied
Musculoskeletal Diseases: Shoulder disorders

Interventions
Participants will have their grip strength assessed, and dexterity measured via the 9-hole peg test. They will then be randomised to receive treatment (Tubigrip) or nothing, and asked to rest for 30 minutes. Following a 30-min rest, they will be asked to repeat these tests in front of a second assessor, who is blinded to whether they have received the treatment or not. Both groups will be asked to keep a symptom diary for 14 days.

Added 17/07/09: trial stopped due to lack of resources and change in objectives.

Intervention Type
Other

Phase
Not Specified

Primary outcome(s)
Active range of shoulder movement, grip strength, dexterity, subjective improvement rating by patient.

Key secondary outcome(s))
Not provided at time of registration

Completion date
10/01/2006

Reason abandoned (if study stopped)
Lack of staff/facilities/resources + Objectives no longer viable

Eligibility

Key inclusion criteria

70 patients with symptoms of shoulder instability and/or pain and have a suspicion or diagnosis of muscle patterning abnormality.

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
18/08/2005

Date of final enrolment
10/01/2006

Locations

Countries of recruitment
United Kingdom

England

Study participating centre
Royal National Orthopaedic Hospital
Stanmore
United Kingdom
HA7 4LP

Sponsor information

Organisation
Record Provided by the NHSTCT Register - 2006 Update - Department of Health

Funder(s)

Funder type
Government

Funder Name
Royal National Orthopaedic Hospital NHS Trust (UK), NHS R&D Support Funding

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Not provided at time of registration