

# The role of pressure feedback in muscle patterning shoulder instability

|                                        |                                                       |                                                      |
|----------------------------------------|-------------------------------------------------------|------------------------------------------------------|
| <b>Submission date</b><br>29/09/2006   | <b>Recruitment status</b><br>Stopped                  | <input type="checkbox"/> Prospectively registered    |
|                                        |                                                       | <input type="checkbox"/> Protocol                    |
| <b>Registration date</b><br>29/09/2006 | <b>Overall study status</b><br>Stopped                | <input type="checkbox"/> Statistical analysis plan   |
|                                        |                                                       | <input type="checkbox"/> Results                     |
| <b>Last Edited</b><br>17/07/2009       | <b>Condition category</b><br>Musculoskeletal Diseases | <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**  
Miss Anju Jaggi

**Contact details**  
Royal National Orthopaedic Hospital  
Brockley Hill  
Stanmore  
United Kingdom  
HA7 4LP

## 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

**Primary study design**

Interventional

**Study design**

Randomised controlled trial

**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