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Effect of physical therapy in patients with shoulder impingement syndrome

Submission date
13/11/2008

Recruitment status
No longer recruiting

Registration date
23/12/2008

Overall study status
Completed

Last Edited
23/12/2008

Condition category
Musculoskeletal Diseases

[ ] Prospectively registered
[ ] Protocol
[ ] 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
Prof Jo Nijs

Contact details
Vrije Universiteit Brussel
Pleinlaan 2
Brussel
Belgium
1050
jo.nijs@vub.ac.be

Additional identifiers

Protocol serial number
G842

Study information

Scientific Title
Treating patients with shoulder impingement: a single-blind effect study using a scapular stabilisation protocol

Study objectives

Is a scapular stabilisation programme more effective than usual care in patients with shoulder impingement syndrome?

Ethics approval required
Old ethics approval format

Ethics approval(s)
Medical Ethics Committee of the UZ Brussel University Hospital, Brussels Free University (Vrije Universiteit Brussel), approved on the 15th October 2008 (ref: BUN B14320084388)

Study design
Randomised single-blind usual care-controlled multicentre trial

Primary study design
Interventional

Study type(s)
Treatment

Health condition(s) or problem(s) studied
Shoulder impingement syndrome

Interventions
Nine sessions (approximatly 30 minutes/session; three sessions/week) of usual care (ultrasound [US], transcutaneous electrical nerve stimulation [TENS], stretching, massage) versus nine sessions of scapular motor control training (exercise therapy for scapular stability muscles).

Total duartion of interventions: three weeks/patient.

Intervention Type
Other

Phase
Not Applicable

Primary outcome(s)
The following will be assessed at baseline, after nine therapy sessions and after six months:
1. Pain: Visual Analogue Scale (VAS), Verbal Rating Scale (VRS), Shoulder Disability Questionnaire (SDQ), Hawkins Impingement Test, Neer Impingement Test, the Empty Can Test
2. Mobility: inclinometry
3. Strengh: hand-held dynamometer

Key secondary outcome(s))
The following will be assessed at baseline, after nine therapy sessions and after six months:
1. Scapular Assistance Test
2. Scapular Reposition Test

Completion date
30/09/2009

Eligibility

Key inclusion criteria
1. Both males and females, greater than 18 years of age
2. Primary and secondary impingement

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Adult

Lower age limit
18 years

Sex
All

Key exclusion criteria
1. Post-surgical
2. Rheumatic arthritis
3. Cervical radicular syndromes
4. Ruptures
5. Less than 18 years of age
6. Congenital
7. Traumatic
8. Instability

Date of first enrolment
30/11/2008

Date of final enrolment
30/09/2009

Locations

Countries of recruitment
Belgium

Study participating centre
Vrije Universiteit Brussel
Brussel
Belgium
1050

Sponsor information

Organisation
MSD Europe BVBA (Belgium)

ROR
https://ror.org/01ptrk735

Funder(s)

Funder type
Industry

Funder Name
MSD Europe BVBA (Belgium)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Not provided at time of registration