The Effectiveness of Exercise Therapy and MFR with Tools for Scapula Dyskinesia in Patients with Rotator Cuff Related Shoulder Pain

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INTRO

SD is a motor dysfunction associated with RCRSP. Exercise therapy focused on scapula in combination with stretching has a primary role. There are conflicting data about physiotherapy interventions in RCSRP and SD (review) and no findings found for effectiveness of therapeutic exercise and MFR with tools.

PURPOSE

Investigate the effect of therapeutic exercise and MFR with tools In scapula dyskinesia in patients with RCSRP

METHODS



Assessment = Baseline -> 6w -> 12w

pain (VAS 0-10)

functionality (Shoulder Rating Questionnaire)

shoulder ROM(Clinometer Pro)

protraction shoulder (Acromial Table Index and

posture (craniovertebral angle, thoracic curvature

Therapeutic Exercise

scapula stabilization exercises based on

motor control, patient education, stretching

can Decrease Pain and Improve Functionality in Scapula Dyskinesis and **Rotator Cuff Related Shoulder Pain**

MFR with Tools (ergon) Contribute

to the effectiveness of the program



RESULTS

O HATEO



European

University Cyprus

✓ A and B group comparing C increased strength of shoulder and scapular muscles (except of upper trapezius), ROM, pain, functionality, posture and protraction of the shoulder in 6w and 12w (p<0.05)

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- B group superior to A in 6w for pain and functionality and PMI in 12w
- B group in 6w and 12w had greater improvement than A for scapula upward rotation in 90° and 135° of arm elevation, for the lower trapezoid strength, strength and range of motion of flexion, abduction, external rotation and posture (ATI,TC) (p < 0.05)



- Future studies may include monitoring method for

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