

Clinical Trial Protocol

Iranian Registry of Clinical Trials

11 Sep 2026

Effects Of Shoulder Joint Mobilization With Movement With And Without Scapular Mobilization On Pain,Range Of Motion And Function In Adhesive Capsulitis.

Protocol summary

Study aim

To Find The Effects Of Shoulder Joint Mobilization With Movement With And Without Scapular Mobilization On Pain,Range Of Motion And Function In Adhesive Capsulitis.

Design

Two parallel groups ,Double blinded ,Randomized Controlled Trial.

Settings and conduct

DHQ TEACHING HOSPITAL SARGODHA, Outcome assessor and participant will be blinded.

Participants/Inclusion and exclusion criteria

Inclusion criteria: • Age 40-65 yrs with complaint of shoulder pain for last 3 months. • both genders. • NPRS score ≤ 6 screened written informed consent. • Diabetes and hypertension. • unilateral shoulder must have not move more then 90 degrees of abduction and 50% decreased external rotation as compared to normal side/normal ROMS values. Exclusion criteria: • Inflammatory Pathologies such as Rotator cuff tendinitis,rheumatoid arthritis. • Trauma. • Shoulder Surgeries,Malignancy . • Neurological disorders of upper extremity • Cervical or thoracic problem having cervical rib. • Intra articular injection in glenohumeral joint during last 03 months.

Intervention groups

Intervention Group A:Shoulder Joint Mobilization With Movement. Intervention Group B:Shoulder Joint Mobilization With Movement With Scapular Mobilization.

Main outcome variables

Pain intensity will be measured by NPRS. ROM of shoulder measured by universal Goniometer. Functional Disability by Shoulder Pain And Disability Index (SPADI).

General information

Reason for update

Acronym

ESJMWMAWOSMPRFAC

IRCT registration information

IRCT registration number: **IRCT20200316046796N1**

Registration date: **2020-07-30, 1399/05/09**

Registration timing: **prospective**

Last update: **2020-07-30, 1399/05/09**

Update count: **0**

Registration date

2020-07-30, 1399/05/09

Registrant information

Name

Safa Khalid

Name of organization / entity

Riphah International University Lahore Campus

Country

Pakistan

Phone

+92 48 3254512

Email address

khalid.safa93@gmail.com

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2020-08-01, 1399/05/11

Expected recruitment end date

2020-11-01, 1399/08/11

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effects Of Shoulder Joint Mobilization With Movement With And Without Scapular Mobilization On Pain,Range Of Motion And Function In Adhesive Capsulitis.

Public title

Effects Of Shoulder Joint Mobilization With Movement With And Without Scapular Mobilization On Pain,Range Of Motion And Function In Adhesive Capsulitis.

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:

Age 40-65 yrs with complaint of shoulder pain for last 3 months. both genders. NPRS score $\leq$ 6 screened written informed consent. Diabetes and hypertension. unilateral shoulder must have not move more then 90 degrees of abduction and 50% decreased external rotation as compared to normal side/normal ROMS values.

Exclusion criteria:

inflammatory pathologies such as rotator cuff tendinitis,rheumatoid arthritis. trauma. shoulder surgeries,malignancy. neurological disorders of upper extremity. cervical or thoracic problem having cervical rib. intra articular injection in glenohumeral joint during last 03 months.

Age

From **40 years** old to **65 years** old

Gender

Both

Phase

N/A

Groups that have been masked

- Participant
- Outcome assessor

Sample size

Target sample size: **38**

Randomization (investigator's opinion)

Randomized

Randomization description

Written informed consent will be taken and list will be formed by Computer Generated Random Number Table method by using Epitool Calculator.

Blinding (investigator's opinion)

Double blinded

Blinding description

Double Blinded:Participants and Outcome Assessor (Physicians,Nurses,Physiotherapist etc) will be blinded.Data safety will be ensured by assigning Specific Identity numbers and all consent reading forms will be placed in locker to blind the Outcome Assessor.

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Secretary Ethical Review Committee, Riphah College Of Rehabilitation And Allied Health Sciences

Street address

28-M Quaid-e-Azam Industrial Estate,Kot Lakhpat,Lahore

City

Lahore

Postal code

54000

Approval date

2020-02-08, 1398/11/19

Ethics committee reference number

REC/RCRS/20/1037

Health conditions studied

1

Description of health condition studied

Adhesive Capsulitis

ICD-10 code

M75.00

ICD-10 code description

Adhesive capsulitis of unspecified shoulder

Primary outcomes

1

Description

Pain

Timepoint

Before start of intervention and at the end of 3 weeks of intervention.

Method of measurement

Numeric Pain Rating Scale (NPRS).

2

Description

Range Of Motion.

Timepoint

Before start of intervention and at the end of 3 weeks of intervention.

Method of measurement

Universal Goniometer.

Secondary outcomes

1

Description

Functional Disability of Shoulder.

Timepoint

Before start of intervention and at the end of 3 weeks of

intervention.

Method of measurement

Shoulder Pain And Disability Index (SPADI).

Intervention groups**1****Description**

Intervention group:Shoulder Joint Mobilization With Movement three sets of 10 Repetitions will be applied .This Group will receive total 6 sessions of interventions (2 sessions/week) in 3 weeks.

Category

Treatment - Other

2**Description**

Intervention group:Shoulder Joint Mobilization With Movement With Scapular Mobilization three sets of 10 Repetitions will be applied This group will receive total 6 sessions of interventions (2 sessions/week) in 3 weeks and this group in addition also will receive 10 sets of scapular mobilizations as well.

Category

Treatment - Other

Recruitment centers**1****Recruitment center****Name of recruitment center**

DHQ TEACHING HOSPITAL SARGODHA

Full name of responsible person

Safa Khalid

Street address

DHQ Teaching Hospital Sargodha Khushab Road,
Sargodha, Punjab

City

Sargodha

Postal code

40100

Phone

+92 48 3254512

Email

khalid.safa93@gmail.com

Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

Riphah International University

Full name of responsible person

Muhammad Salman Bashir

Street address

28-M Quaid-e-Azam Industrial Estate,Kot
Lakhpat,Lahore

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54000

Phone

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chistisalman@yahoo.com

Grant name

Educational

Grant code / Reference number**Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

Riphah International University

Proportion provided by this source

20

Public or private sector

Private

Domestic or foreign origin

Foreign

Category of foreign source of funding

Sponsor: country of origin

Country of origin

PK

Type of organization providing the funding

Academic

Person responsible for general inquiries**Contact****Name of organization / entity**

Riphah International University

Full name of responsible person

Muhammad Salman Bashir

Position

Associate Professor

Latest degree

Ph.D.

Other areas of specialty/work

Physiotherapy

Street address

28-M Quaid-e-Azam Industrial Estate,Kot
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City

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Province

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Postal code

54000

Phone

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Email

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Person responsible for scientific inquiries**Contact****Name of organization / entity**

Riphah International University

Full name of responsible person

Muhammad Salman Bashir

Position

Associate professor

Latest degree

Ph.D.

Other areas of specialty/work

Physiotherapy

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Person responsible for updating data

Contact

Name of organization / entity

Riphah International University

Full name of responsible person

Safa Khalid

Position

Student

Latest degree

Master

Other areas of specialty/work

Physiotherapy

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Sharing plan

Deidentified Individual Participant Data Set (IPD)

Undecided - It is not yet known if there will be a plan to make this available

Study Protocol

Undecided - It is not yet known if there will be a plan to make this available

Statistical Analysis Plan

Undecided - It is not yet known if there will be a plan to make this available

Informed Consent Form

Undecided - It is not yet known if there will be a plan to make this available

Clinical Study Report

Undecided - It is not yet known if there will be a plan to make this available

Analytic Code

Undecided - It is not yet known if there will be a plan to make this available

Data Dictionary

Undecided - It is not yet known if there will be a plan to make this available