

Clinical Trial Protocol

Iranian Registry of Clinical Trials

23 Jun 2026

Comparison of the effect of triamcinolone acetonide and methyl prednisolone injection in shoulder Capsulitis treatment

Protocol summary

Summary

This study is a Clinical trial study on patients referred to rheumatology clinic in Kashan. The main inclusion criteria is an acute (less than 2 weeks), subacute or chronic (more than 2 weeks), mechanical, contributed with nocturnal pain and loss of movement in glenohomural joint. After primitive diagnosis the subjects were crossmatched upon sex, age, side of involvement, contributed problem such as Diabetes, Idiopathic and traumatic reason; then 40 mg triamcinolone acetonide (kenacort) and 40 mg methyl prednisolone (depomedrol) three times with interval of one week has been injected into joint space. The subjects were evaluated one and four weeks after the last injection; then scoring questionnaire of SPADI (shoulder pain and disability index) was filled and been analyzed

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201109061106N5**

Registration date: **2011-09-11, 1390/06/20**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2011-09-11, 1390/06/20

Registrant information

Name

Zohreh Azarbad

Name of organization / entity

Kashan University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 36 1555 2999

Email address

azarbad_zo@kaums.ac.ir

Recruitment status

Recruitment complete

Funding source

Kashan University of Medical Sciences

Expected recruitment start date

2010-09-02, 1389/06/11

Expected recruitment end date

2011-04-21, 1390/02/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of the effect of triamcinolone acetonide and methyl prednisolone injection in shoulder Capsulitis treatment

Public title

Comparison of the effect of triamcinolone acetonide and methyl prednisolone injection in shoulder Capsulitis treatment

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria : patient with an acute (less than 2 weeks), subacute or chronic (more than 2 weeks), mechanical, contributed with nocturnal pain and loss of movement in glenohomural joint Exclusion criteria: patients who had intra-articular injections or oral steroids and physical therapy treatments received in the last 6 months, People who have had surgery, those with fracture or dislocation of the shoulder area, people with other diseases.

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **100**

Randomization (investigator's opinion)

N/A

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Kashan University of Medical Sciences

Street address

5th Km of Ghotbe Ravandi Bulv.

City

Kashan

Postal code

8713781147

Approval date

2010-08-02, 1389/05/11

Ethics committee reference number

1208/1/5/29/پ

Health conditions studied

1

Description of health condition studied

Shoulder Capsulitis

ICD-10 code

M75.0

ICD-10 code description

Adhesive capsulitis of shoulder

Primary outcomes

1

Description

Pain

Timepoint

Before intervention, 1 and 4 weeks after intervention

Method of measurement

VAS

2

Description

Disability

Timepoint

Before intervention, 1 and 4 weeks after intervention

Method of measurement

SPADI(shoulder pain and disability index) questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

In triamcinolone acetonide group : 40 mg triamcinolone in shoulder joint three times within 1 week is injected by a rheumatologist

Category

Treatment - Drugs

2

Description

In Methyl Prednisolone group : 40 mg Methyl Prednisolone in shoulder joint three times within 1 week is injected by a rheumatologist

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Specialized Rheumatology Clinic of Shaheed Beheshti Hospital

Full name of responsible person

Dr.Kamal Esalatmanesh

Street address

5th Km of Ghotbe Ravandi Bulv.

City

Kashan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Kashan University of Medical Sciences

Full name of responsible person

Dr. Gholam Ali Hamidi

Street address

5th Kilometer Ghotbe Ravandi Bulv.Kashan University
of Medical Sciences

City

kashan

Grant name

Grant code / Reference number

**Is the source of funding the same sponsor
organization/entity?**

Yes

Title of funding source

Kashan University of Medical Sciences

Proportion provided by this source

100

Public or private sector

empty

Domestic or foreign origin

empty

Category of foreign source of funding

empty

Country of origin

Type of organization providing the funding

empty

Person responsible for general inquiries

Contact

Name of organization / entity

kashan Univercity of Medical Sciences

Full name of responsible person

Dr.kamal Esalatmanesh

Position

Specialized rheumatology clinic

Other areas of specialty/work

Street address

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**Person responsible for scientific
inquiries**

Contact

Name of organization / entity

Kashan Univercity of Medical Sciences

Full name of responsible person

Dr.kamal esalatmanesh

Position

Specialized rheumatology clinic

Other areas of specialty/work

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Person responsible for updating data

Contact

Name of organization / entity

Kashan Univercity of Medical Sciences

Full name of responsible person

Dr.Kamal Esalatmanesh

Position

Rheumatology Specialty

Other areas of specialty/work

Street address

City

Postal code

Phone

Fax

Email

Web page address

Sharing plan

Deidentified Individual Participant Data Set (IPD)

empty

Study Protocol

empty

Statistical Analysis Plan

empty

Informed Consent Form

empty

Clinical Study Report

empty

Analytic Code

empty

Data Dictionary

empty