

# 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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kamaleesalatmanesh@yahoo.com

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

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**Full name of responsible person**

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**Position**

Specialized rheumatology clinic

**Other areas of specialty/work**

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**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*