

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

08 Jun 2026

### Comparing the efficacy of local injection of methylprednisolone and lidocaine with and without splint, with splint making only in treating patients with De quervan tenosynovitis.

#### Protocol summary

##### Summary

The present study aimed at comparing the efficacy of local injection of methylprednisolone and lidocaine with and without splint, with splint making only ( without injected drug ) in treating patients suffered from De quervan tenosynovitis. The patients in this study were referred to orthopedic clinics affiliated with medical sciences university of Shahrekord in 2010. In a clinical trial study, 108 patients with De quervan tenosynovitis were selected as samples. These patients had all inclusion criteria such as complete consent for participating in the study, cooperating with physician, and acting based on his prescriptions. The patients suffered from diabetes, addicted to narcotics, interrupted the treatment and those who were deaf and mute were excluded from this study. Then, the patients were randomly divided into three groups. At the beginning of the study ,therapeutic intervention for the first group was injected 1ml of %1 lidocaine and 40 mg of metylprednisone with splint. The second group was injected 1ml of %1 lidocaine with 40 mg of metylprednisone and the third group was treated with splint only ( without injected drug ). All three groups followed for three weeks after intervention. The primary outcome was reduction in the mean time to recurrence of symptoms and Average pain intensity as reported by questionnaire, visual analogue scale.

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT138903164089N2**  
Registration date: **2011-07-08, 1390/04/17**  
Registration timing: **retrospective**

Last update:

Update count: **0**

##### Registration date

2011-07-08, 1390/04/17

##### Registrant information

###### Name

Shahriar Salehitali

###### Name of organization / entity

Shahrekored medical university

###### Country

Iran (Islamic Republic of)

###### Phone

+98 38 1333 5648

###### Email address

sh\_salehi@skums.ac.ir

##### Recruitment status

###### Recruitment complete

##### Funding source

Shahrekored University of Medical Sciences

##### Expected recruitment start date

2009-03-21, 1388/01/01

##### Expected recruitment end date

2009-10-23, 1388/08/01

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

Comparing the efficacy of local injection of methylprednisolone and lidocaine with and without splint, with splint making only in treating patients with De quervan tenosynovitis.

##### Public title

Comparing the efficacy of local injection of

methylprednisolone and lidocaine with and without splint, with splint making only in treating patients with De quervan tenosynovitis.

#### **Purpose**

Treatment

#### **Inclusion/Exclusion criteria**

Inclusion/criteria : complete consent for participation in research project, on-time reference to doctor, complete observation of doctor's prescriptions. exclusion/criteria: Being diabetes, being deaf and mute, interrupting the treatment, being addicted to narcotics

#### **Age**

From **15 years** old to **50 years** old

#### **Gender**

Both

#### **Phase**

N/A

#### **Groups that have been masked**

*No information*

#### **Sample size**

Target sample size: **108**

#### **Randomization (investigator's opinion)**

Randomized

#### **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**

Shahrekored University of Medical Sciences

###### **Street address**

Shahrekored University of Medical Sciences

###### **City**

Shahrekored

###### **Postal code**

8813833435

##### **Approval date**

2008-09-23, 1387/07/02

##### **Ethics committee reference number**

2-7-87

### **Health conditions studied**

#### **1**

##### **Description of health condition studied**

tendon inflammation

#### **ICD-10 code**

M65.4

#### **ICD-10 code description**

Radial styloid tenosynovitis [de Quervain

### **Primary outcomes**

#### **1**

##### **Description**

PAIN

##### **Timepoint**

WEEKLY

##### **Method of measurement**

Visual analogue scale

### **Secondary outcomes**

#### **1**

##### **Description**

reduce using analgesic drug

##### **Timepoint**

weekly

##### **Method of measurement**

verbalization

#### **2**

##### **Description**

reduce to refer physician

##### **Timepoint**

follow up

##### **Method of measurement**

verbalization

### **Intervention groups**

#### **1**

##### **Description**

Injected a dose rate of 1% lidocaine 1 cc and 40 mg methylprednisolone with splint and follow for 3 weeks

##### **Category**

Treatment - Drugs

#### **2**

##### **Description**

Injected a dose rate of 1% lidocaine 1 cc and 40 mg methylprednisolone and follow for 3 weeks

##### **Category**

Treatment - Drugs

#### **3**

##### **Description**

Fixed joints with splint and follow for three weeks

##### **Category**

Treatment - Drugs

## Recruitment centers

1

### Recruitment center

**Name of recruitment center**

kashani hospital affiliated shahrekored medical universty

**Full name of responsible person**

shahriar salehi

**Street address**

kashani.st. medical university.shahrekored

**City**

shahrekored

## Sponsors / Funding sources

1

### Sponsor

**Name of organization / entity**

Shahrekored University of Medical Sciences

**Full name of responsible person**

shahriar salehi

**Street address**

shahrekored .kashani street . medical university.

**City**

shahrekored

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

Yes

**Title of funding source**

Shahrekored 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**

Shahrekored University of Medical Sciences

**Full name of responsible person**

shahriar salehi

**Position**

Academic member.master of science (Msc)

**Other areas of specialty/work****Street address**

Kashani st.,

**City**

Shahrekored

**Postal code**

8813833435

**Phone**

+98 38 1333 5648

**Fax**

+98 38 1334 6714

**Email**

sh\_saehi@sums.ac.ir

**Web page address**

## Person responsible for scientific inquiries

### Contact

**Name of organization / entity**

Shahrekored University of Medical Sciences

**Full name of responsible person**

Shahriar Salehi

**Position**

Academic member.master of science (Msc)

**Other areas of specialty/work****Street address**

Rahmatieh, Faculty of Nursing and Midwifery .shahrekored

**City**

shahrekored

**Postal code**

8813833435

**Phone**

+98 38 1333 5648

**Fax**

+98 38 1334 6714

**Email**

sh\_salehi@skums.ac.ir

**Web page address**

## Person responsible for updating data

### Contact

**Name of organization / entity**

Shahrekored University of Medical Sciences

**Full name of responsible person**

Shahriar Salehi

**Position**

Academic member.master of science (Msc)

**Other areas of specialty/work****Street address**

Rahmatieh, Faculty of Nursing and Midwifery

**City**

shahrekored

**Postal code**

8813833435

**Phone**

+98 38 1333 5648

**Fax**

+98 38 1334 6714

**Email**

sh\_salehi2skums.ac.ir

**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*