

Clinical Trial Protocol

Iranian Registry of Clinical Trials

09 Jun 2026

Comparing a newly designed tennis elbow orthosis with traditional tennis elbow strap in treatment of patients with lateral epicondylitis

Protocol summary

Summary

Objectives: Result of wearing a newly designed tennis elbow strap for tennis elbow disease Design: New strap with different force vector Setting and conduct: patients wear this new strap for 48 hours and after 48 hours rest ,they wear traditional strap for 48 hours .we measure pain and grip strength before and after each stage. Participants: Tennis elbow disease for more than 6 weeks,no history of corticosteroid injection or surgery on the elbow Intervention: Administration of newly designed brace main outcome measures:pain ; grip strength

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015122725722N1**
Registration date: **2016-03-09, 1394/12/19**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2016-03-09, 1394/12/19

Registrant information

Name

Hossein Saremi

Name of organization / entity

Hamadan university of medical sciences

Country

Iran (Islamic Republic of)

Phone

+98 81 3821 8541

Email address

h.saremi@umsha.ac.ir

Recruitment status

Recruitment complete

Funding source

Investigator

Expected recruitment start date

2016-02-29, 1394/12/10

Expected recruitment end date

2016-09-30, 1395/07/09

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparing a newly designed tennis elbow orthosis with traditional tennis elbow strap in treatment of patients with lateral epicondylitis

Public title

New brace for tennis elbow disease

Purpose

Treatment

Inclusion/Exclusion criteria

Tennis elbow disease for more than 6 weeks ; no injection of corticosteroid;no surgery on the elbow

Age

No age limit

Gender

Both

Phase

2-3

Groups that have been masked

No information

Sample size

Target sample size: **12**

Randomization (investigator's opinion)

Not randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Single

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics commity of university of social welfare and rehabilitation

Street address

No1, Koodakyar st, Daneshjoo blvd, Velenjak, Tehran

City

Tehran

Postal code

Approval date

2014-08-10, 1393/05/19

Ethics committee reference number

IR.uswr.rec.1393.184

Health conditions studied

1

Description of health condition studied

Tennis elbow

ICD-10 code

M77.1

ICD-10 code description

lateral epicondylitis

Primary outcomes

1

Description

Pain

Timepoint

48 hours

Method of measurement

Visual analogue score questionnaire

Secondary outcomes

1

Description

Grip strength

Timepoint

48 hours

Method of measurement

Dynamometer jamar

Intervention groups

1

Description

Use of a new brace for 48 hours and traditional brace for the same group after 48 hours rest,for the next 48 hours

Category

Treatment - Devices

Recruitment centers

1

Recruitment center

Name of recruitment center

Parsatavanbakhsh orthosis prosthesis center

Full name of responsible person

Vahid Chamani

Street address

No 16,4th floor,Pasargad building, Havapeimai st, Hamadan

City

Hamadan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research of university of social welfare and rehabilitation

Full name of responsible person

Hamidreza Khankeh

Street address

No1, Koodakyar st, Daneshjoo blvd, Velenjak, Tehran

City

Tehran

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Vice chancellor for research of university of social welfare and rehabilitation

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

Socialwelfare and rehabilitationsciences

Full name of responsible person

Vahid Chamani

Position

Master of orthotics and prosthetics

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

No3, Lali st, Buali ave

City

Hamadan

Postal code

6515696569

Phone

+98 81 3251 5680

Fax**Email**

chamani.op@gmail.com

Web page address

h.saremi@umsha.ac.ir

Web page address

www.shoulderclinic.ir

Person responsible for updating data

Contact

Name of organization / entity

Hamadan university of medical sciences

Full name of responsible person

HossinSaremi

Position

Assistant professor, orthopaedic surgeon, hand surgery fellowship

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

No40 ,Noor St, Mokhtaran Ave ,Saidie bala Blv

City

Hamadan

Postal code**Phone**

+98 81 3821 8541

Fax**Email**

h.saremi@umsha.ac.ir

Web page address

www.shoulderclinic.ir

Person responsible for scientific inquiries

Contact

Name of organization / entity

Hamedan university of medical sciences

Full name of responsible person

Hossein Saremi

Position

Assistant professor, orthopaedic surgeon, hand surgery fellowship

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

No 40, Noor st, Mokhtaran Ave, Saidie bala Blvd,

City

Hamadan

Postal code**Phone**

+98 81 3821 8541

Fax**Email**

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