

Clinical Trial Protocol

Iranian Registry of Clinical Trials

13 Jul 2026

The effect of shock-wave therapy for control of pain in tennis elbow

Protocol summary

Summary

This study aimed to determine the effect extracorporeal shock wave in Tennis elbow. This before-after study done on 40 patients with Tennis elbow that treated with ESWT. Exclusion criteria include; neck and shoulder dysfunction and arthritis. All patients will be evaluated for pain intensity using VAS and upper limb function by QUICK DASH questionnaire before and 15 and 45 days after intervention.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2012072610405N1**

Registration date: **2015-01-11, 1393/10/21**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2015-01-11, 1393/10/21

Registrant information

Name

mehran razavipour

Name of organization / entity

mazandaran university of medical sciences

Country

Iran (Islamic Republic of)

Phone

+98 15 1325 7230

Email address

m.razavipour@mazums.ac.ir

Recruitment status

Recruitment complete

Funding source

Mazandaran University of Medical Sciences

Expected recruitment start date

2011-12-22, 1390/10/01

Expected recruitment end date

2013-09-23, 1392/07/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of shock-wave therapy for control of pain in tennis elbow

Public title

The effect of shock-wave therapy for tennis elbow

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: People of both sexes aged 20 to 60 years who have no treatment without self treatment of analgesia Exclusion criteria: Evidence of neck and shoulder dysfunction; Topical arthritis; Polyarthritis; General neurological disorders; Pregnancy; Infections; Tumors; Fractures of the elbow; Known hypothyroidism; Carpal tunnel syndrome

Age

From **20 years** old to **60 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **40**

Randomization (investigator's opinion)

N/A

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

Mazandaran University of Medical Sciences

Street address

Mazandaran University of Medical Sciences

City

Sari

Postal code

Approval date

2011-12-11, 1390/09/20

Ethics committee reference number

164-90

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 score

Timepoint

Before and 15 and 45 days after intervention

Method of measurement

Visual Analogue Scale

Secondary outcomes

1

Description

Score of upper limb function

Timepoint

Before and 15 and 45 days after intervention

Method of measurement

Quick DASH questionnaire

Intervention groups

1

Description

Extracorporeal shock wave by piezoelectric device (2000 pps for 3 times every 3 days)

Category

Treatment - Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Toba clinic (Mazandaran University of Medical Sciences)

Full name of responsible person

Dr Mehran Razavipour

Street address

Toba clinic, Sari, Iran

City

Sari

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Mazandaran University of Medical Sciences

Full name of responsible person

Ahmad Ali Enayati

Street address

Moalem Square

City

Sari

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Mazandaran 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

Mazandaran University of Medical Sciences

Full name of responsible person

Dr Mehran Razavipour

Position

Orthopedic Surgeon

Other areas of specialty/work

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Imam Khomeini Hospital

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Person responsible for updating data

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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