

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

10 Jun 2026

### Comparison of the effectiveness of classical acupuncture and injection acupuncture on similar points on reducing pain in discopathy low back pain.

#### Protocol summary

##### Study aim

Evaluation of different methods of acupuncture in the treatment of low back pain

##### Design

In this study, 30 patients with low back pain who have been referred by orthopedic surgeon or neurosurgeon to the clinic of Ghaem hospital, are selected. Participants are divided into two treatment groups using a computer program that select an odd or even number.

##### Settings and conduct

Background: Low back pain is one of the problems of civilized life, and many people of different ages tend to suffer from this disease, in which case the patients will suffer not only a lot of suffering, but also his work and his everyday life and affection. On the other hand, various studies have shown that acupuncture has a significant effect on reducing the pain and suffering of the patient. Place: Qaem Hospital, Acupuncture Section In two groups of 15, in one group, acupuncture is administered by injecting vitamin B and in the other without vitamin B injection.

##### Participants/Inclusion and exclusion criteria

Patients are selected from both sexes; Non drug use; Age between 18 and 60 years; No cardiovascular disease; No diabetic disease. Exclusion Criteria: Pregnancy; Breastfeeding; Cardiovascular diseases; Older than 18 years old; High Blood Pressure; The presence of illness-induced severe illness; There is a backache other than stretch or disco-pathetic.

##### Intervention groups

The first group consists of 15 patients with low back pain which in the standard acupuncture points; the needle will be pulled and then attached to an electro acupuncture device for 20 minutes. This treatment will last 3 times a week and a total of 12 sessions of 20 minutes. The second group consists of 15 patients with low back pain who will undergo small injections of vitamin B in amount

of one tenth of the cc in the standard acupuncture points and this treatment will last 3 times a week and a total of 12 sessions which this action will be based on Chinese medicine references.

##### Main outcome variables

low back pain

#### General information

##### Reason for update

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT20171017036839N3**

Registration date: **2018-02-11, 1396/11/22**

Registration timing: **retrospective**

Last update: **2018-02-11, 1396/11/22**

Update count: **0**

##### Registration date

2018-02-11, 1396/11/22

##### Registrant information

##### Name

Hamid Abdi

##### Name of organization / entity

Mashhad University of Medical Sciences

##### Country

Iran (Islamic Republic of)

##### Phone

+98 51 3884 8931

##### Email address

abdih1@mums.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

Research Deputy of Mashhad University of Medical Sciences.

**Expected recruitment start date**

2017-09-23, 1396/07/01

**Expected recruitment end date**

2017-12-21, 1396/09/30

**Actual recruitment start date**

empty

**Actual recruitment end date**

empty

**Trial completion date**

empty

**Scientific title**

Comparison of the effectiveness of classical acupuncture and injection acupuncture on similar points on reducing pain in discopathy low back pain.

**Public title**

Comparing the Worth of Using the Needle or Micro Injection in Similar Acupoints in Low Back Pain

**Purpose**

Treatment

**Inclusion/Exclusion criteria****Inclusion criteria:**

Patients are selected from both sexes No drug use Age between 18 and 60 years No cardiovascular disease No diabetic disease

**Exclusion criteria:**

Pregnancy Breastfeeding Cardiovascular diseases Older than 18 years old High Blood Pressure The presence of illness-induced severe illness There is a backache other than stretch or disco-pathetic

**Age**From **18 years** old to **60 years** old**Gender**

Both

**Phase**

N/A

**Groups that have been masked***No information***Sample size**Target sample size: **30****Randomization (investigator's opinion)**

Randomized

**Randomization description**

Participants are divided into two treatment groups using a computer program that select an odd or even number.

**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**

Ethics Committee of Mashhad University of Medical Sciences

**Street address**

Administration Center (Qoreishi Building), Daneshgah St.

**City**

Mashhad

**Province**

Razavi Khorasan

**Postal code**

13944-91388

**Approval date**

2010-09-23, 1389/07/01

**Ethics committee reference number**

IR.MUMS.REC.1396.188

**Health conditions studied****1****Description of health condition studied**

Back Pain

**ICD-10 code**

M54.5

**ICD-10 code description**

Low back pain

**Primary outcomes****1****Description**

Back Pain

**Timepoint**

Before and after the intervention.

**Method of measurement**

Questionnaire

**Secondary outcomes****1****Description**

-

**Timepoint**

-

**Method of measurement**

-

**2****Description**

-

**Timepoint**

-

**Method of measurement**

-

## Intervention groups

### 1

#### Description

consists of 15 patients with low back pain who will undergo small injections of vitamin B in amount of one tenth of the cc in the standard acupuncture points.

#### Category

Treatment - Drugs

### 2

#### Description

The first group consists of 15 patients with low back pain which in the standard acupuncture points; the needle will be pulled and then attached to an electro acupuncture device for 20 minutes. This treatment will last 3 times a week and a total of 12 ses

#### Category

Treatment - Drugs

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

Acupuncture Clinic, Special Clinic, Ghaem Hospital

##### Full name of responsible person

Hamid Abdi

##### Street address

Ahmadabad St.

##### City

Mashhad

##### Province

Razavi Khorasan

##### Postal code

9176699199

##### Phone

+98 51 3801 2490

##### Email

abdih1@mums.ac.ir

## Sponsors / Funding sources

### 1

#### Sponsor

##### Name of organization / entity

Mashhad University of Medical Sciences

##### Full name of responsible person

Dr. Mohsen Tafaghodi

##### Street address

Administration Center (Qoreishi Building), Daneshgah St.

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##### Province

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##### Postal code

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#### Phone

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#### Email

Ramresearch@mums.ac.ir

#### Grant name

#### Grant code / Reference number

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

Yes

#### Title of funding source

Mashhad University of Medical Sciences

#### Proportion provided by this source

100

#### Public or private sector

Public

#### Domestic or foreign origin

Domestic

#### Category of foreign source of funding

empty

#### Country of origin

#### Type of organization providing the funding

Academic

## Person responsible for general inquiries

#### Contact

##### Name of organization / entity

Mashhad University of Medical Sciences

##### Full name of responsible person

Dr. Hamid Abdi

##### Position

PhD in Acupuncture

##### Latest degree

Specialist

##### Other areas of specialty/work

Traditional Medicine

##### Street address

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##### Web page address

## Person responsible for scientific inquiries

#### Contact

##### Name of organization / entity

Mashhad University of Medical Sciences

##### Full name of responsible person

Dr. Hamid Abdi

##### Position

PhD in Acupuncture

**Latest degree**

Specialist

**Other areas of specialty/work**

Traditional Medicine

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**Web page address**

+98 51 3802 2632

**Fax****Email**

abdis1@mums.ac.ir

**Web page address****Sharing plan****Deidentified Individual Participant Data Set (IPD)**

Yes - There is a plan to make this available

**Study Protocol**

No - There is not a plan to make this available

**Statistical Analysis Plan**

No - There is not a plan to make this available

**Informed Consent Form**

Yes - There is a plan to make this available

**Clinical Study Report**

Not applicable

**Analytic Code**

Not applicable

**Data Dictionary**

Not applicable

**Title and more details about the data/document**

Only the possibility of sharing information about the main consequence exists

**When the data will become available and for how long**

At the end of the project

**To whom data/document is available**

Research leader and colleagues and related organizations such as Mashhad University of Medical Sciences

**Under which criteria data/document could be used**

Currently, except for the implementer and its colleagues, individuals and institutions do not have permission to use new analysis on the data.

**From where data/document is obtainable**

The data is available to the research leader

**What processes are involved for a request to access data/document**

It will only be possible to use data in coordination with the research leader

**Comments**

Nothing

**Person responsible for updating data****Contact****Name of organization / entity**

Mashhad University of Medical Sciences

**Full name of responsible person**

Sara Abdi

**Position**

Researcher

**Latest degree**

Bachelor

**Other areas of specialty/work**

researcher

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