

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

10 Jun 2026

### The effect of eye movement desensitization and reprocessing on phantom limb pain in patients with amputation

#### Protocol summary

##### Summary

Objectives: the effect of eye movement desensitization and reprocessing (EMDR) on the phantom limb pain in patients with amputations will be assess Design: This Study will be a Clinical Trial. Sixty (60) patients with amputations selected by a purposive sampling and randomly will be divide into two experimental and control groups. Major Inclusion and Exclusion criteria: phantom pain will have experience at least 9 months ; Moderate to severe pain will have at least 4 days a week. Exclusion criteria will be include psychiatric disorders; a history of drug addiction; strabismus Intervention: in experimental group, EMDR treatment method will be done individually conduct for each patient in the consultation room within 12 one-hour sessions over a month. In the control group, patients no receive any special treatment by the investigator and the samples of control group had received routine care. main outcome measures : data will gather on phantom limb pain and subjective units of distress at pretreatment and posttreatment .

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT2016052328017N1**

Registration date: **2016-06-13, 1395/03/24**

Registration timing: **retrospective**

Last update:

Update count: **0**

##### Registration date

2016-06-13, 1395/03/24

##### Registrant information

##### Name

Mohammad Behnammoghadam

##### Name of organization / entity

Yasuj University of Medical Sciences

##### Country

Iran (Islamic Republic of)

##### Phone

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##### Email address

m.behnammoghadam@yums.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

Vice chancellor for research, Yasooj University of Medical Sciences

##### Expected recruitment start date

2015-03-20, 1393/12/29

##### Expected recruitment end date

2016-03-19, 1394/12/29

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

The effect of eye movement desensitization and reprocessing on phantom limb pain in patients with amputation

##### Public title

The effect of eye movement desensitization and reprocessing on phantom limb pain in patients with amputations

##### Purpose

Treatment

##### Inclusion/Exclusion criteria

Inclusion criteria: at least 9 months of phantom pain experience; a moderate to severe pain at least 4 days a week. exclusion criteria: consisted of psychiatric disorders; a history of epilepsy; a history of drug

addiction; visual disturbances and strabismus; systemic diseases that affect the central nervous system; lack of cooperation with the therapist; and intolerance to treatment method.

#### **Age**

From **27 years** old to **59 years** old

#### **Gender**

Both

#### **Phase**

N/A

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

*No information*

#### **Sample size**

Target sample size: **60**

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

Randomized

#### **Randomization description**

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

Not blinded

#### **Blinding description**

#### **Placebo**

Not used

#### **Assignment**

Parallel

#### **Other design features**

Randomization Will be based on a random numbers table

### **Secondary Ids**

empty

### **Ethics committees**

#### **1**

##### **Ethics committee**

###### **Name of ethics committee**

Ethics Committee of Yasuj University of Medical Sciences

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

Shahid Motahari Blvd, Yasuj

###### **City**

Yasuj

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

##### **Approval date**

2015-11-20, 1394/08/29

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

ir.yums.rec.1395.26

### **Health conditions studied**

#### **1**

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

Amputation

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

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

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### **Primary outcomes**

#### **1**

##### **Description**

Phantom limb pain

##### **Timepoint**

One month

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

Numerical pain scale

### **Secondary outcomes**

#### **1**

##### **Description**

Subjective units of distress

##### **Timepoint**

One month

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

Subjective units of distress scale

### **Intervention groups**

#### **1**

##### **Description**

"Intervention group: EMDR treatment method will be done individually conduct for each patient in the consultation room within 12 one-hour sessions over a month. In each session, the two scales of Subjective units of distress and pain rating scale will recomplete by patients before and after the intervention".

##### **Category**

Treatment - Other

#### **2**

##### **Description**

"Control group: patients did not receive any special treatment by the investigator and the samples of control group had received routine care".

##### **Category**

Treatment - Drugs

### **Recruitment centers**

#### **1**

##### **Recruitment center**

###### **Name of recruitment center**

Shahid Mofateh Medical Clinic of Yasuj

###### **Full name of responsible person**

Mohammad Behnammoghadam, Master of Critical Care Nursing

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

Montazeri Street, Yasuj

###### **City**

Yasuj

## Sponsors / Funding sources

1

### Sponsor

**Name of organization / entity**

Vice Chancellor for research of Yasuj University of  
Medical Sciences

**Full name of responsible person**

Dr. Mousavi

**Street address**

Shahadat 12, Bagher Khan Blvd, Yasuj

**City**

Yasuj

**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 Yasuj 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**

Yasuj University Of Medical Sciences

**Full name of responsible person**

Mohammad Behnammoghadam

**Position**

MSc

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## 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*