

Clinical Trial Protocol

Iranian Registry of Clinical Trials

27 Jul 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 assessed. Design: This Study will be a Clinical Trial. Sixty (60) patients with amputations selected by a purposive sampling and randomly will be divided 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 include psychiatric disorders; a history of drug addiction; strabismus Intervention: in experimental group, EMDR treatment method will be done individually conducted for each patient in the consultation room within 12 one-hour sessions over a month. In the control group, patients do not receive any special treatment by the investigator and the samples of control group had received routine care. main outcome measures : data will be gathered 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

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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

ICD-10 code description

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

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Full name of responsible person

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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