Clinical Trial Protocol
Iranian Registry of Clinical Trials

22 Nov 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

+98 74 3322 5041

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

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
Yasuj University Of Medical Sciences
Full name of responsible person
Mohammad Behnammoghadam
Position
MSc
Other areas of specialty/work
Street address
Yasuj University Of Medical Sciences
City
Yasuj
Postal code
Phone
+98 74 3322 5041
Fax
Email
mbehnam1363@gmail.com; mbehnammoghadam@yahoo.com
Web page address

Person responsible for scientific inquiries

Contact
Name of organization / entity
Yasuj University Of Medical Sciences
Full name of responsible person
Mohammad Behnammoghadam
Position
MSc
Other areas of specialty/work
Street address
Shahadat 12, Bagher Khan Blvd, Yasuj
City
Yasuj
Postal code
Phone
+98 74 3322 5041
Fax
Email
mbehnammoghadam@yahoo.com; mbehnam1363@gmail.com
Web page address

Person responsible for updating data

Contact
Name of organization / entity
Yasuj University of Medical Sciences
Full name of responsible person
Mohammad Behnammoghadam
Position
Msc
Other areas of specialty/work
Street address
Shahid Motahari Blvd, Yasuj
City
Yasuj
Postal code
7591959497
Phone
+98 74 3322 5041
Fax
+98 74 3322 5041
Email
mbehnammoghadam@yahoo.com
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