

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

The effect of neurofeedback therapy in reducing relapse and craving for methamphetamine dependent patients

Protocol summary

Summary

This study will be done with aim to determine the effect of neurofeedback therapy in reducing relapse and craving for methamphetamine dependent patients in Kermanshah city. This study is a single blinded clinical trial. The study population will consisted of all methamphetamine patients men that refer to Farabi Hospital in Kermanshah that 100 persons will selected in available method and randomly will be divided into two groups (50 patients experimental group and 50 patients in control group). The experimental and control group will completed the relapse and craving questionnaires. The experimental group will received 30 sessions of 50 minutes will be treated with neurofeedback and control group would be sham neurofeedback. After 4 and 8 weeks participants will complete the questionnaires again. Inclusion criteria: Gender Male; Methamphetamine dependence diagnoses accordingly Diagnostic and Statistical Manual of Mental Disorders fifth edition; The dominant use of methamphetamine for at least 6 months, lack of serious psychiatric disorders. Exclusion criteria: Gender female; No use of other drugs and stimulants at the time of entering the study; The absence of comorbid psychiatric disorders symptoms.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017021828967N5**
Registration date: **2017-03-01, 1395/12/11**
Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2017-03-01, 1395/12/11

Registrant information

Name

Safora Salemi

Name of organization / entity

Shahid Chamran University of Ahvaz

Country

Iran (Islamic Republic of)

Phone

+98 83 3821 1001

Email address

e.mahmoudi@cobeldarou.com

Recruitment status

Recruitment complete

Funding source

Ethics committee of Kermanshah University of Medical Sciences

Expected recruitment start date

2017-04-04, 1396/01/15

Expected recruitment end date

2018-03-06, 1396/12/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of neurofeedback therapy in reducing relapse and craving for methamphetamine dependent patients

Public title

The effect of neurofeedback therapy in reducing relapse and craving for methamphetamine dependent patients

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Gender Male; Methamphetamine dependence diagnoses accordingly Diagnostic and Statistical Manual of Mental Disorders fifth edition; The

dominant use of methamphetamine for at least 6 months, lack of serious psychiatric disorders. Exclusion criteria: Gender female; No use of other drugs and stimulants at the time of entering the study; The absence of comorbid psychiatric disorders symptoms.

Age

No age limit

Gender

Male

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **100**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Single 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 Kermanshah University of Medical Sciences

Street address

Building No.2, Shahid Beheshti Blvd, Vice Chancellor for Research Affairs, Kermanshah University of Medical Sciences

City

Kermanshah

Postal code

Approval date

2017-01-11, 1395/10/22

Ethics committee reference number

kums.rec.1395.607

Health conditions studied

1

Description of health condition studied

Addiction

ICD-10 code

F15

ICD-10 code description

Mental and behavioral disorders due to use of other

stimulants, including caffeine: dependence syndromes

Primary outcomes

1

Description

Relapse

Timepoint

before intervention- 4 weeks later- 8 weeks later

Method of measurement

Relapse Questionnaire

2

Description

Craving

Timepoint

before intervention- 4 weeks later- 8 weeks later

Method of measurement

Craving Questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

The experimental group will receive neurofeedback treatment in 30 sessions.

Category

Treatment - Other

2

Description

The control group will receive unrealistic neurofeedback therapy in 30 sessions.

Category

Treatment - Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Farabi Hospital

Full name of responsible person

Street address

City

Kermanshah

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research, Kermanshah University of Medical Sciences

Full name of responsible person

Koroush Hamzehee

Street address

Building No.2, Shahid Beheshti Blvd, Vice Chancellor for Research Affairs, Kermanshah University of Medical Sciences

City

Kermanshah

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, Kermanshah 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

Kermanshah University of Medical Sciences

Full name of responsible person

Dr. Vahid Farnia

Position

Psychiatrist

Other areas of specialty/work

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Person responsible for scientific inquiries

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Other areas of specialty/work

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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