

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

Comparing the effects of Bupropion and Buprenorphine on the reduction of craving in Methamphetamine dependent hospitalized patients

Protocol summary

Summary

The goal of this study is comparing the effects of Buprenorphine and Bupropion in the reduction of Methamphetamine craving. The study population are Methamphetamine dependent individuals and the study is designed single blind for the patients. Sixty patients whom are between 18 to 50 years old and meet the criteria for Methamphetamine Dependence based on DSM-IV-TR will enter the study after signing the informed consent. The patients will be divided into two groups by random sampling method which is stratified for age and gender, and one group will receive Buprenorphine 4mg tablets twice a day for one month and the other group will receive Bupropion 150mg tablets twice a day for the same period. The craving for Methamphetamine will be assessed daily by the Methamphetamine craving questionnaire and the craving levels will be compared by T-Test and Chi Square Test between two groups.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015010320540N1**

Registration date: **2015-04-10, 1394/01/21**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2015-04-10, 1394/01/21

Registrant information

Name

Mehdi Biuseh

Name of organization / entity

Shiraz University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 71 3640 6460

Email address

biusehm@sums.ac.ir

Recruitment status

Recruitment complete

Funding source

Shiraz University of Medical Sciences research budget

Expected recruitment start date

2015-01-25, 1393/11/05

Expected recruitment end date

2015-03-20, 1393/12/29

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparing the effects of Bupropion and Buprenorphine on the reduction of craving in Methamphetamine dependent hospitalized patients

Public title

Comparing the effects of Bupropion and Buprenorphine on the reduction of Methamphetamine craving

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Age between 18 to 50 years old ; Informed Consent ; The main substance is Methamphetamine. Exclusion criteria: Dissatisfaction at the start or anytime during the research ; The main substance is something except Methamphetamine.

Age

From **18 years** old to **50 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)**

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 Shiraz University of Medical Sciences

Street address

Shiraz university of Medical Sciences, Zand street, Shiraz, Iran

City

Shiraz

Postal code**Approval date**

2014-07-26, 1393/05/04

Ethics committee reference number

92-01-01-6693

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

Methamphetamine Dependency

ICD-10 code

F 15.2

ICD-10 code description

Mental and behavioural disorders due to use of other stimulants, including caffeine : dependence syndrome

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

Methamphetamine Craving Level

Timepoint

Daily

Method of measurement

Methamohetamine Craving Questionnaire

Secondary outcomes

empty

Intervention groups**1****Description**

Intervention group will receive Buprenorphine 4mg tablets twice a day for 2weeks to 1month.

Category

Treatment - Drugs

2**Description**

Control group will receive Bupropion 150mg tablets twice a day for 2weeks to 1month.

Category

Treatment - Drugs

Recruitment centers**1****Recruitment center****Name of recruitment center**

Ebne Sina hospital

Full name of responsible person

Mehdi Biuseh

Street address

Ebne Sina hospital, Hafez street, Shiraz, Iran

City

Shiraz

Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

Vice Chancellor for research of Shiraz University of Medical Sciences

Full name of responsible person

Dr.Basir Hashemi

Street address

Shiraz University of Medical Sciences, Zand street, Shiraz, Iran

City

Shiraz

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 Shiraz 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

Shiraz University of Medical Sciences, Shiraz, Iran

Full name of responsible person

Prof .Ali Sahraian

Position

Professor

Other areas of specialty/work

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Person responsible for scientific inquiries

Contact

Name of organization / entity

Shiraz University of Medical Sciences, Shiraz, Iran

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Prof. Ali Sahraian , Prof.Jamshid Ahmadi

Position

Professor, Full Professor

Other areas of specialty/work

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Position

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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