

# 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**

**Street address**

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

**City**

Shiraz

**Postal code**

**Phone**

+98 71 3230 5884

**Fax**

**Email**

sahraian@sums.ac.ir

**Web page address**

**Person responsible for scientific inquiries**

**Contact**

**Name of organization / entity**

Shiraz University of Medical Sciences, Shiraz, Iran

**Full name of responsible person**

Prof. Ali Sahraian , Prof.Jamshid Ahmadi

**Position**

Professor, Full Professor

**Other areas of specialty/work**

**Street address**

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

**City**

Shiraz

**Postal code**

**Phone**

+98 71 3230 5884

**Fax**

**Email**

sahraian@sums.ac.ir ; jamshid\_ahmadi@yahoo.com

**Web page address**

**Person responsible for updating data**

**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**

**Street address**

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

**City**

Shiraz

**Postal code**

**Phone**

+98 71 3230 5884

**Fax**

**Email**

sahraian@sums.ac.ir

**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*