

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

10 Jul 2026

### comparing the effect of buprenorphine and methadone in the reduction of methamphetamine craving

#### Protocol summary

##### Summary

The goal of this study is to compare the effect of buprenorphine with methadone in reduction of methamphetamine craving. In this single blind trial 40 inpatients will be selected and by simple random sampling will be divided to two groups and each group includes 20 patients. Each group receives buprenorphine or methadone for a period of at least two weeks. We evaluate the craving of patients by interview and questionnaire every day to find more effective medication. Inclusion criteria: Age between 18 to 50; They are free to participate in the study; Patient's major substance use be methamphetamine. Exclusion criteria: Patients unwilling to participate at beginning or during the study; Use of another substance except Methamphetamine as of the main substance.

#### General information

##### Acronym

N/A

##### IRCT registration information

IRCT registration number: **IRCT2015112125160N1**

Registration date: **2016-06-04, 1395/03/15**

Registration timing: **registered\_while\_recruiting**

Last update:

Update count: **0**

##### Registration date

2016-06-04, 1395/03/15

##### Registrant information

###### Name

Jamshid Ahmadi

###### Name of organization / entity

Shiraz University of Medical Sciences

###### Country

Iran (Islamic Republic of)

##### Phone

+98 71 3627 3070

##### Email address

ahmadij@sums.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

Shiraz University of Medical Sciences

##### Expected recruitment start date

2016-02-01, 1394/11/12

##### Expected recruitment end date

2016-08-01, 1395/05/11

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

comparing the effect of buprenorphine and methadone in the reduction of methamphetamine craving

##### Public title

the effect of buprenorphine and methadone in the reduction of methamphetamine craving

##### Purpose

Treatment

##### Inclusion/Exclusion criteria

Inclusion criteria: Age: 18-50 ;informed consent; methamphetamine dependence Exclusion criteria:Patients unwilling to participate at beginning or during the study; use of another substance except Methamphetamine as of the main substance.

##### Age

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

##### Gender

Male

##### Phase

N/A

### Groups that have been masked

No information

### Sample size

Target sample size: 40

### 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

Shiraz University of Medical Sciences

##### Street address

Shiraz University of Medical Sciences, Zand Blvd

##### City

Shiraz

##### Postal code

7194634786

#### Approval date

2015-12-13, 1394/09/22

#### Ethics committee reference number

IR.SUMS.REC.1394.161

## Health conditions studied

### 1

#### Description of health condition studied

Methamphetamine Dependency

#### ICD-10 code

F15

#### ICD-10 code description

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

## Primary outcomes

### 1

#### Description

craving

#### Timepoint

daily for 14 days

#### Method of measurement

questionnaire

## Secondary outcomes

empty

## Intervention groups

### 1

#### Description

we will use methadone 40 mg po daily for one group for at least 14 days

#### Category

Treatment - Drugs

### 2

#### Description

we will use buprenorphine 8 mg po daily for the other group at least 14 days.

#### Category

Treatment - Drugs

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

Ebne Sina Hospital

##### Full name of responsible person

Jamshid Ahmadi M.D

##### Street address

Ebne Sina Hospital, Hafeziye street

##### City

Shiraz

## Sponsors / Funding sources

### 1

#### Sponsor

##### Name of organization / entity

Shiraz University of Medical Sciences

##### Full name of responsible person

Seyed Basir Hashemi

##### Street address

Vice Chancellery for Research Affairs, Shiraz  
University of Medical Sciences, Zand Blvd

##### City

shiraz

#### Grant name

#### Grant code / Reference number

#### Is the source of funding the same sponsor organization/entity?

Yes

#### Title of funding source

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*

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## Person responsible for general inquiries

### Contact

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## Person responsible for scientific inquiries

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## Person responsible for updating data

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NA

## 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*