# Clinical Trial Protocol
# Iranian Registry of Clinical Trials

07 Nov 2026

## A comparison of effectiveness of the Matrix group therapy and Dialectical Behavior therapy with Spiritual therapy in addicted persons( methamphetamine

## Protocol summary

**Summary**

In this research the common Matrix Model will be compared with Dialectical and Spiritual Group Therapy for the treatment of individuals with Methamphetamine dependence. Convenience sampling is used to select individuals in this research. The criteria required to enter the research will be to have an age between 20 and 60, to have at least the 8th grade in education, to use stimulant drugs recently based on the stimulant dependence criteria in DSM-IV assessed by the psychiatrist or the clinical psychologist based on the SCID, and to have the patients' acceptance for entering the study based on a written consent; the criteria required to exit the research is to have psychotic features, to have an organic brain disorder reported by the patient or his/her family, and to have serious suicidal thoughts reported by the psychiatric interview. Emotional Intelligence Questionnaire, Lovibond Anxiety, Depression and Stress Scale, and Addiction Intensity Scale are used to assess the results.

## General information

**Acronym**

**IRCT registration information**

IRCT registration number: **IRCT2016111523478N2**
Registration date: **2017-02-04, 1395/11/16**
Registration timing: **retrospective**

Last update:
Update count: **0**

**Registration date**

2017-02-04, 1395/11/16

**Registrant information**

**Name**

Mohammadreza Mohammadi

**Name of organization / entity**

Tehran University of Medical Sciences

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Iran (Islamic Republic of)

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**Recruitment status**

**Recruitment complete**

**Funding source**

Tehran University of Medical Sciences

**Expected recruitment start date**

2016-11-15, 1395/08/25

**Expected recruitment end date**

2017-01-14, 1395/10/25

**Actual recruitment start date**

empty

**Actual recruitment end date**

empty

**Trial completion date**

empty

**Scientific title**

A comparison of effectiveness of the Matrix group therapy and Dialectical Behavior therapy with Spiritual therapy in addicted persons( methamphetamine

**Public title**

A comparison of effectiveness of the Matrix group therapy and Dialectical Behavior therapy with Spiritual therapy in addicted persons( methamphetamine

**Purpose**

Treatment

**Inclusion/Exclusion criteria**

The patients who entered the study met the following criteria: • Being between 20 to 60 years of age. • Minimum education: 8th grade(years). • Being diagnosed

with “recent stimulant use” according to the stimulant dependence criteria in DSM-IV made by the psychiatrist or the clinical psychologist based on the SCID. • The patients’ acceptance to enter the study based on a written consent. The patients who dropped out of the study met the following criteria: • Having psychotic features. • Having an organic brain disorder reported by the patient or his/her family.

**Age**
From **20 years** old to **60 years** old

**Gender**
Male

**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**

## Secondary Ids

empty

## Ethics committees

### 1

**Ethics committee**

**Name of ethics committee**
Ethics comittee of Tehran University of Medical Sciences

**Street address**
Tehran University of Medical Sciences, Keshavarz blvd.

**City**
Tehran

**Postal code**

**Approval date**
2016-10-30, 1395/08/09

**Ethics committee reference number**
IR.TUMS.VCR.REC.1395.889

## Health conditions studied

### 1

**Description of health condition studied**
Addiction

**ICD-10 code**
F19

**ICD-10 code description**
Mental and behavioural disorders due to multiple drug use and use of other psychoactive substances

## Primary outcomes

### 1

**Description**
Stress

**Timepoint**
Before and after intervention

**Method of measurement**
Depression, anxiety and stress Scale(DASS-21)

### 2

**Description**
Anxiety

**Timepoint**
Before and after intervention

**Method of measurement**
Depression, anxiety and stress Scale(DASS-21)

### 3

**Description**
Depression

**Timepoint**
before and after intervention

**Method of measurement**
Depression, anxiety and stress Scale(DASS-21)

### 4

**Description**
Addiction Severity

**Timepoint**
Before and after intervention

**Method of measurement**
Addiction Severity Index

### 5

**Description**
Alcohol problems

**Timepoint**
Before and after intervention

**Method of measurement**
Structured Clinical Interview for DSM-IV

### 6

**Description**
Family problems

**Timepoint**
Before and after intervention

**Method of measurement**
Structured Clinical Interview for DSM-IV

### 7

**Description**

Psychiatric problems

**Timepoint**

Before and after intervention

**Method of measurement**

Structured Clinical Interview for DSM-IV

## Secondary outcomes

### 1

**Description**

Job problems

**Timepoint**

Before and after intervention

**Method of measurement**

Structured Clinical Interview for DSM-IV

### 2

**Description**

Medical problems

**Timepoint**

Before and after intervention

**Method of measurement**

Structured Clinical Interview for DSM-IV

## Intervention groups

### 1

**Description**

Matrix group therapy: intervention Matrix Model, a common method in treating individuals diagnosed with substance use and addictive disorders, has not been successful, many researchers have felt the necessity for a comprehensive treatment plan in this field. For this reason, this study attempts to compare the Matrix Model with the new methods of treatment such as Dialectical and Spiritual Group Therapy in individuals with Methamphetamine dependence.

**Category**

Treatment - Other

### 2

**Description**

Dialectical behavior therapy: in this study dialectical behavior therapy treatment focuse on four skills; 1: mindfulness 2: effective interpersonal relationships 3: emotion regulation 4: pain

**Category**

Behavior

### 3

**Description**

Spiritual groups therapy: the main component of spiritual Group Therapy is Morality, Spirituality and religion

**Category**

Lifestyle

## Recruitment centers

### 1

**Recruitment center**

**Name of recruitment center**

Roozbeh hospital

**Full name of responsible person**

Dr. Mohammad Reza Mohammadi

**Street address**

Roozbeh hospital, South Kargar St.

**City**

Tehran

## Sponsors / Funding sources

### 1

**Sponsor**

**Name of organization / entity**

Tehran University of Medical Sciences

**Full name of responsible person**

Ms. Esmat Karimi

**Street address**

Tehran University of Medical Sciences, Qhods St., Keshavarz blvd.

**City**

Tehran

**Grant name**

**Grant code / Reference number**

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

Yes

**Title of funding source**

Tehran 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**

Psychiatric Research Center, Tehran University of Medical Sciences

**Full name of responsible person**

Zahed Abdollahi

**Position**

PhD

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## Person responsible for scientific inquiries

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## Person responsible for updating data

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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*