

Clinical Trial Protocol

Iranian Registry of Clinical Trials

23 Jun 2026

Memantine as adjuvant therapy in the treatment of severe OCD: a double blind randomized trial Effect of

Protocol summary

Summary

The objective of this randomized, double-blind, placebo controlled study is to test the hypothesis that the addition of memantine would improve psychopathology in subjects with OCD treated with fluvoxamine. 40 patients with chronic DSM-IV-diagnosed OCD will receive fluvoxamine(200 mg/day) combined with either placebo (N=20) or 20 mg/day memantine(N=20) for 8 weeks. Efficacy will be defined as the change from baseline to endpoint in score on the Yale-Brown obsessive compulsive scale(Y-B ocs).

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201106031556N22**
Registration date: **2011-06-12, 1390/03/22**
Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2011-06-12, 1390/03/22

Registrant information

Name

Shahin Akhondzadeh

Name of organization / entity

Roozbeh Psychiatric Hospital, Tehran University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 21 5541 2222

Email address

s.akhond@sina.tums.ac.ir

Recruitment status

Recruitment complete

Funding source

1-Tehran University of Medical Sciences 2- Kurdistan University of Medical Sciences

Expected recruitment start date

2011-06-22, 1390/04/01

Expected recruitment end date

2011-12-22, 1390/10/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Memantine as adjuvant therapy in the treatment of severe OCD: a double blind randomized trial Effect of

Public title

Memantine in the treatment of obsessive-compulsive disorder

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion Criteria: 1-Age between 18-60, 2-Diagnosis of OCD based on DSM IV 3 , Minimum Score of 21 on YALE-BROWN Obsessive-Compulsive Scale- Exclusion Criteria:1- Substance dependence,2- IQ <70,3-any other mental disorder on axis I, 4-Any serious cardiac, renal or hepatic disease ,5- receiving psychotropic medications during the last 6 weeks 6- pregnancy or breast feeding 7- rising liver transaminases to three times the upper limit of normal or higher

Age

From **18 years** old to **60 years** old

Gender

Both

Phase

2-3

Groups that have been masked

No information

Sample size

Target sample size: 40

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Double blinded

Blinding description

Placebo

Used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Tehran University of Medical Sciences

Street address

Keshavarz Blvd

City

Tehran

Postal code

Approval date

2011-04-04, 1390/01/15

Ethics committee reference number

10798

Health conditions studied

1

Description of health condition studied

Obsessive- Compulsive Disorder

ICD-10 code

F42

ICD-10 code description

Obsessive-compulsive disorder

Primary outcomes

1

Description

Severity of symptoms of OCD

Timepoint

Baseline and weeks 2-4-6-8 after beginig of treatment

Method of measurement

Y_BOCS

Secondary outcomes

empty

Intervention groups

1

Description

Tablet fluvoxamine (200 mg/day) combined with 20 mg/day of Tablets memantin as intervention group for 8 weeks

Category

Treatment - Drugs

2

Description

Tablet fluvoxamine (200 mg/day) combined with placebo as control group for 8 weeks

Category

Placebo

Recruitment centers

1

Recruitment center

Name of recruitment center

Roozbeh Hospital

Full name of responsible person

Prof. Shahin Akhondzadeh

Street address

south kargar street

City

Tehran

2

Recruitment center

Name of recruitment center

Qhods Hospital

Full name of responsible person

Dr. Farzin Rezaei

Street address

Pasdaran Blvd- Qhods hospital - Sanandaj

City

Sanandaj

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Tehran University of Medical Sciences

Full name of responsible person

Dr. Akbar Fotouhi

Street address

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

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

2

Sponsor

Name of organization / entity

Kurdistan University of Medical Sciences

Full name of responsible person

Dr Ataollah Heydari

Street address

Pasdaran Blvd-Kurdistan university of Medical Sciences-Deputy of research- Sanandaj

City

Sanandaj

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Kurdistan University of Medical Sciences

Proportion provided by this source

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

Person responsible for scientific inquiries

Contact

Name of organization / entity

Tehran University of Medical Sciences

Full name of responsible person

Prof. Shahin Akhondzadeh

Position

Prof. of Clinical Psychopharmacology

Other areas of specialty/work

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Name of organization / entity

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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