

Clinical Trial Protocol

Iranian Registry of Clinical Trials

09 Jun 2026

Minocycline in the treatment of mild to moderate OCD: a randomized and double blind trial

Protocol summary

Summary

The objective of this randomized, double-blind, placebo controlled study is to test the hypothesis that the addition of Minocycline would improve psychopathology in subjects with OCD treated with fluvoxamine. 50 patients with OCD will receive fluvoxamine (100 mg/day) combined with either placebo (N=25) or 200 mg/day Minocycline (N=25) for 10 weeks. Patients will be assessed by a psychiatrist at baseline and after 2, 4, 6, 8 and 10 weeks after the medication started. OCD severity will be assessed by the Yale-Brown obsessive compulsive scale (Y-B ocs)

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201501031556N70**

Registration date: **2015-01-04, 1393/10/14**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2015-01-04, 1393/10/14

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

Tehran University of Medical Sciences

Expected recruitment start date

2015-01-21, 1393/11/01

Expected recruitment end date

2016-01-20, 1394/10/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Minocycline in the treatment of mild to moderate OCD: a randomized and double blind trial

Public title

Minocycline in the treatment OCD

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion Criteria: 1-Age between 18-60 years old; 2- Diagnosis of OCD based on DSM 5; 3- Minimum Score of 21 on YALE-BROWN Obsessive-Compulsive Scale. Exclusion Criteria: 1- Substance dependence; 2- IQ <70; 3-Any other mental disorder; 4-Any serious cardiac, renal or hepatic disease; 5- receiving psychotropic medications during the last 6 weeks; 6- pregnancy or breast feeding; 7-suicidal thoughts.

Age

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

Gender

Both

Phase

3

Groups that have been masked

No information

Sample size

Target sample size: 50

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

Ethics Committee of Tehran University of Medical Sciences

Street address

Keshvarz Blvd

City

Tehran

Postal code

Approval date

2014-12-22, 1393/10/01

Ethics committee reference number

27224-30-03-90

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 2-4-8-10 after beginig of treatment

Method of measurement

Y_BOCS

Secondary outcomes

empty

Intervention groups

1

Description

Fluvoxamine 100 mg/day + placebo for 10 weeks as control group

Category

Placebo

2

Description

Fluvoxamine 100 mg/day+ Minocycline 200 mg/day for 10 weeks as intervention group

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Roozbeh Hospital

Full name of responsible person

Prof. Shahin Akhondzadeh

Street address

Roozbeh Hospital, South Kargar Street

City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Tehran University of Medical Sciences

Full name of responsible person

Dr. Masoud Yunesian

Street address

Tehran University of Medical Sciences, 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

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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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