

# 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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s.akhond@sina.tums.ac.ir  
**Web page address**

## Person responsible for scientific inquiries

### Contact

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Tehran University of Medical Sciences  
**Full name of responsible person**  
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## Person responsible for updating data

### Contact

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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*