

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

10 Jun 2026

### Evaluation of the effect of sertraline on functional performance in patients with obsessive-compulsive disorder in two groups of intervention and control

#### Protocol summary

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##### Summary

This study is a one-way blind clinical trial. Patients with OCD were enrolled and 30 patients were randomly divided into two groups of interventional and control groups. Yale-Brown, demographic, WCST, WMS, and KENT tests are performed on them. In the drug intervention group, patients with drug therapy will receive Sertraline 100 mg once daily with control therapy, and before the onset of drug therapy and during pre-test admission, after a 4-month follow-up, a post-test will be performed. In the control group, they will be pre-test and after a one-month post-test, and will not be treated under the medication.

##### Recruitment status

**Recruitment complete**

##### Funding source

Ardebil Medical University

##### Expected recruitment start date

2016-04-19, 1395/01/31

##### Expected recruitment end date

2016-10-21, 1395/07/30

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT2017100826138N1**

Registration date: **2017-10-08, 1396/07/16**

Registration timing: **retrospective**

Last update:

Update count: **0**

##### Registration date

2017-10-08, 1396/07/16

##### Registrant information

###### Name

Mina Vasebi

###### Name of organization / entity

Ardabil University of Medical Sciences

###### Country

Iran (Islamic Republic of)

###### Phone

+98 41 4322 5782

###### Email address

##### Scientific title

Evaluation of the effect of sertraline on functional performance in patients with obsessive-compulsive disorder in two groups of intervention and control

##### Public title

The Effectiveness of Medical Treatment on Executive Performance of Patients suffering from Obsessive Compulsive Disorder

##### Purpose

Treatment

##### Inclusion/Exclusion criteria

Entry Criteria: Having a diagnosis of OCD disorder Age between 24 to 54 Having a level of education from third guidance to undergraduate Exclusion Criteria: Having an obsessive-compulsive personality disorder and other personality disorders, OCPD Having a psychotic deficiency disorder Being drug addicted Having an IQ of less than 80

##### Age

From **24 years** old to **54 years** old

##### Gender

Both

**Phase**

N/A

**Groups that have been masked**

No information

**Sample size**

Target sample size: 30

**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**

Ethical Committee of Ardabil University of Medical Sciences

**Street address**

Janbazan Square, University Street, Ardabil

**City**

Ardebil

**Postal code**

5618985991

**Approval date**

2015-10-04, 1394/07/12

**Ethics committee reference number**

ir.arums.rec.1394.30

**Health conditions studied****1****Description of health condition studied**

obsessive compulsive disorder

**ICD-10 code**

f42

**ICD-10 code description**

The essential feature is recurrent obsessional thoughts or compulsive acts.

**Primary outcomes****1****Description**

Executive performance(behavioral inhibition, cognitive inhibition, flexibility, behavioral organization, semantic

memory)

**Timepoint**

2TIMES, PRE TEST & POST TEST

**Method of measurement**

WITH WCST

**2****Description**

short term memory & long term memory

**Timepoint**

2TIMES, PRE TEST & POST TEST

**Method of measurement**

With WMS

**Secondary outcomes****1****Description**

Severity of obsessive-compulsive disorder.

**Timepoint**

4 TIMES(ONCE IN EVERY VISIT)

**Method of measurement**

BY Yale- Brown

**Intervention groups****1****Description**

'Groups: patients will be treated with the drug sertraline 100 mg once a day for 4 months .

**Category**

Treatment - Drugs

**2****Description**

Control group: Patients will not receive any medication for one month

**Category**

N/A

**Recruitment centers****1****Recruitment center****Name of recruitment center**

Fatemi Hospital in Ardebil

**Full name of responsible person**

Mehryar Nadr Mohammadi

**Street address**

Dr. Fatemi Hospital, not reached to the Shariati square, Imam Khomeini (RA), Sareyn station,

**City**

Ardabil

**Sponsors / Funding sources**

## 1

### Sponsor

**Name of organization / entity**

Deputy of Research of Ardabil University of Medical Sciences

**Full name of responsible person**

Shahram Habibzadeh

**Street address**

Ardebil University of Medical Sciences, Janbazan Square, University Street, Ardabil

**City**

ardebil

**Grant name****Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

**Title of funding source**

Deputy of Research of Ardabil 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**

Ardebil University of Medical sciences

**Full name of responsible person**

Mina Vasebi

**Position**

Medical student

**Other areas of specialty/work****Street address**

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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*