Clinical Trial Protocol
Iranian Registry of Clinical Trials

22 Nov 2026

The comparison of Aripiprazole and Quetiapine augmentation between Selective Serotonin reuptake inhibitors in refractory obsessive-compulsive disorder.

Protocol summary

Summary

The aim of the study is to investigate the comparative efficacy and tolerability of Aripiprazole versus Quetiapine over a period of 12 weeks. Inclusion criteria: Age between 18-65 years: Patients with a diagnosis of OCD. The exclusion criteria: Patients with current or previous diagnosis of psychosis. 30 patients, who are selected from psychiatry clinic in Ibn-e-Sina hospital. Patients are divided to 2 groups of A and B. In group A, aripiprazole will be given to patients as an augmentation therapy with initial dose of 5 mg/day. Then according to the patient's symptoms and tolerance, the dose will be increased up to 20 mg/day over a course of 12 weeks. In group B, patients will be treated with quetiapine with an initial dose of 50 mg/day and gradually, the dosage will be increased up to 300 mg/day. During the trial SSRI drug will be continued with maximum dose. All patients will be assessed by psychiatrist at the beginning of medication and at 4th, 8th and 12th week of treatment and at the beginning of the study and at the end of week 4, 8 and 12 Yale-Brown Obsessive-Compulsive scales (Y-BOCS), Clinical Global Impression-Severity scale (CGI-S) tests and at the beginning of the study and at the end of week 12 Hamilton Rating Scale for Depression (HDRS) test will be done. The results of the medical tests will be reviewed based on score drop testes of Y-BOCS and CGI-S.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2013040612905N1**
Registration date: **2014-01-11, 1392/10/21**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2014-01-11, 1392/10/21

Registrant information

Name
zahra Aghili
Name of organization / entity
Mashhad University of Medical Sciences
Country
Iran (Islamic Republic of)
Phone
+98 51 1842 4808
Email address
aghiliz891@mums.ac.ir

Recruitment status

Recruitment complete

Funding source

Mashhad University of Medical Sciences

Expected recruitment start date

2013-05-22, 1392/03/01

Expected recruitment end date

2014-01-21, 1392/11/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The comparison of Aripiprazole and Quetiapine augmentation between Selective Serotonin reuptake inhibitors in refractory obsessive-compulsive disorder.

Public title

The comparison of Aripiprazole and Quetiapine augmentation between Selective Serotonin reuptake

inhibitors in refractory obsessive-compulsive disorder.

Purpose
Treatment

Inclusion/Exclusion criteria
Inclusion criteria:Age between 18-65 years؛Patients with a diagnosis of OCD؛Patients who are non-responsive to primary treatment confirmed by a Yale-Brown Obsessive Compulsive Scale (Y-BOCS) score more than 16. The exclusion criteria:Patients with current or previous diagnosis of psychosis؛ Mental retardation؛Substance abuse؛ Psychiatric disorders due to organic diseases.

Age
From **18 years** old to **65 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
Ethics committee of Mashhad University of Medical Sciences

Street address
Ghoreishi building, Daneshgah Street.

City
Mashhad

Postal code

Approval date
2012-10-20, 1391/07/29

Ethics committee reference number
910023

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
obsession sevirity

Timepoint
before intervention\ week4\week8\ week12

Method of measurement
score of Y-BOCS test

2

Description
general improvement

Timepoint
before intervention\ week 4\ week 8\ week12

Method of measurement
score of CGI test

3

Description
depression

Timepoint
before intervention\ week 12

Method of measurement
Hamilton Depression Rating Scale

Secondary outcomes

empty

Intervention groups

1

Description
Adding Aripiprazole 5 to 20 mg per day/ Qd. in period of 12 week depend on a tolerance of the patient with the brand name: Abilizole.

Category
Treatment - Drugs

2

Description
Adding quetiapine100 to 200 mg per day/ Qd. in period of 12 week depend on a tolerance of the patient with the brand name: Tranqupine al Sciences obsession degree.

Category
Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center
Outpatient clinic of Ibnesina's hospital

Full name of responsible person
Dr zahra Aghili. Resident of psychiatry

Street address
Ibn-e-sina Hospital.Horeameli Ave. Boali Sq.

City
Mashhad

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Vice chancellor for research, Mashhad University of Medical Sciences

Full name of responsible person
Ardakanian Marjan

Street address
Ghoreish building, Daneshgah St.

City
Mashad

Grant name

Grant code / Reference number

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

Title of funding source
Vice chancellor for research, Mashhad 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
Mashhad University of Medical Sciences

Full name of responsible person
Dr zahra Aghili

Position
resident

Other areas of specialty/work

Street address
Ibn-e-sina hospital, Hore ameli blv.

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+98 51 1711 2721

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zahra.Aghili@gmail.com

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity
Mashhad University of Medical Sciences

Full name of responsible person
Dr Ali Talaee

Position
Associate Professor

Other areas of specialty/work

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Ibn-E- Sina Hospital

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Person responsible for updating data

Contact

Name of organization / entity
Mashhad University of Medical Sciences

Full name of responsible person
Dr zahra Aghili

Position
MD

Other areas of specialty/work

Street address
Ibn-e-sina Hospital, Hore ameli blv.

City
Mashhad

Postal code

Phone
00

Fax

Email

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