

Clinical Trial Protocol

Iranian Registry of Clinical Trials

06 Jun 2026

The effect of minocycline on the symptoms of schizophrenia, a randomized double blind controlled clinical trial

Protocol summary

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Summary

This is a double-blind, randomized, placebo-controlled clinical trial investigating the efficacy of minocycline for the treatment of schizophrenia. Sixty patients with schizophrenia diagnosed using DSM-IV are randomly allocated in a 2:1 ratio to minocycline (200 mg/d) or placebo group. The patients will receive usual medication (typical and atypical antipsychotics). Therefore, minocycline is added to the medications. Alcohol dependency, pregnancy, and breast feeding are among the exclusive criteria. The duration of this study is 8 weeks. Clinical assessment will be occurred at baseline (Pre-intervention), week 2, week 4 and week 8.

Recruitment status

Recruitment complete

Funding source

Shiraz University of Medical Sciences

Expected recruitment start date

2011-09-23, 1390/07/01

Expected recruitment end date

2012-09-22, 1391/07/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201108223930N12**

Registration date: **2011-11-08, 1390/08/17**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2011-11-08, 1390/08/17

Registrant information

Name

Ahmad Ghanizadeh

Name of organization / entity

Research Center for Psychiatry and Behavioral Sciences, Shiraz University Of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 71 1627 3070

Email address

Scientific title

The effect of minocycline on the symptoms of schizophrenia, a randomized double blind controlled clinical trial

Public title

The effect of minocycline on the symptoms of schizophrenia

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion Criteria: Age of 18-65 years; both genders; diagnosed Schizophrenia using DSM-IV diagnostic criteria; capable and willing to provide written informed consent by the patients and/or caregiver. Exclusion Criteria: Alcohol dependency; known or suspected pregnancy; women who are breastfeeding; and a known contraindication to minocycline treatment.

Age

From **18 years** old to **65 years** old

Gender

Both

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: 60

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 Shiraz University of Medical Sciences

Street address

Vice-chancellery of Research Affairs, Shiraz University of Medical sciences, Zand Street

City

Shiraz

Postal code

Approval date

2011-08-28, 1390/06/06

Ethics committee reference number

CT-90-5661

Health conditions studied

1

Description of health condition studied

schizophrenia

ICD-10 code

F20

ICD-10 code description

Schizophrenia

Primary outcomes

1

Description

Positive and Negative Syndrome Scale for schizophrenia

Timepoint

(Pre-intervention), 2nd week, 4th week and 8th week

Method of measurement

Interview

Secondary outcomes

empty

Intervention groups

1

Description

minocycline 200 mg/day

Category

Treatment - Drugs

2

Description

Placebo

Category

Placebo

Recruitment centers

1

Recruitment center

Name of recruitment center

Research Center for Psychiatry and Behavioral Sciences

Full name of responsible person

Motahhar Omrani

Street address

Hafez hospital, Chamran Street

City

Shiraz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Shiraz University of Medical Sciences

Full name of responsible person

Gholamreza Hatam

Street address

Vice-chancellery of Research Affairs, Shiraz University of Medical sciences, Zand Street

City

Shiraz

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Shiraz 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

Phone

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Fax**Email**

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Web page address**Person responsible for general inquiries****Contact****Person responsible for scientific inquiries****Contact****Name of organization / entity**

Shiraz University of Medical sciences

Full name of responsible person

Ahmad Ghanizadeh

Position

MD

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

Hafez Hospital, Chamran street

City

Shiraz

Postal code**Person responsible for updating data****Contact****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