

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

Comparison of the rate of weight change with treatment by famotidine and placebo in psychiatric patients receiving olanzapine in Golestan Hospital, Ahvaz

Protocol summary

Summary

The aim of this study was to compare the efficacy of famotidine with placebo in reducing the use of olanzapine induced weight gain in patients with psychiatric disorders. This is a double-blind randomised placebo controlled clinical trial. 20 to 55-year-old patients with psychiatric disorders other drugs, the effects produced are obese, do not receive, if indications are treated with olanzapine. Before olanzapine, body mass index and weight will be recorded. By assistant psychiatry, history of psychiatric problems, physical problems and side effects of medicines taken and physical examination and mental status examination will be done. The total number of participants is 44 people. Patients in both treatment and control groups of 22 individuals participated in the study. Then a group of patients, is given 40 mg famotidine at 8 am and the other group is given placebo at 8 am each day for 2 months. Patients were treated for two months weight, body mass index measured in weeks 6, 4, 2, 0 and 8. In the case of discharge in the middle of the project, patients are followed at home by telephone. It should be noted that placebo famotidine in order to accept the cost of the project will be made by the School of Pharmacy, University Jundishapur in shape, size and color used with the drug famotidine quite similar.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015052022349N1**

Registration date: **2016-02-03, 1394/11/14**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2016-02-03, 1394/11/14

Registrant information

Name

Arman Zarghami

Name of organization / entity

Jundishapur University of Medical Science

Country

Iran (Islamic Republic of)

Phone

+98 61 3337 7885

Email address

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Recruitment status

Recruitment complete

Funding source

Ahvaz Jundishapur University of Medical Sciences

Expected recruitment start date

2015-04-21, 1394/02/01

Expected recruitment end date

2015-12-22, 1394/10/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of the rate of weight change with treatment by famotidine and placebo in psychiatric patients receiving olanzapine in Golestan Hospital, Ahvaz

Public title

Famotidine impact on weight gain associated with olanzapine

Purpose

Treatment

Inclusion/Exclusion criteria
Inclusion criteria: Patients 20 to 55 years with psychiatric disorders; Non-pregnant; No history of medical conditions increase weight Exclusion criteria: Patients who have serious health problems including liver or kidney disease; Use of other medications with potential weight gain ; Patients who have a body mass index greater than 30

Age
From **20 years** old to **55 years** old

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **44**

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

Ahvaz Jundishapur University of Medical Sciences

Street address

ahvaz.univercity town

City

ahvaz

Postal code

Approval date

2015-03-14, 1393/12/23

Ethics committee reference number

IR.AJUMS.REC.1394.13

Health conditions studied

1

Description of health condition studied

Schizophrenia disorder

ICD-10 code

F20

ICD-10 code description

Schizophrenia

2

Description of health condition studied

bipolar disorder

ICD-10 code

F31

ICD-10 code description

Bipolar affective disorder

3

Description of health condition studied

Major depression disorder

ICD-10 code

F32

ICD-10 code description

Depressive episode

Primary outcomes

1

Description

Weight.BMI

Timepoint

week 0,2,4,6,8 during intervention

Method of measurement

Weight, balance(kg),BMI,The ratio of weight to height squared

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group:Famotidine 40 mg tablet,one tablet daily, for two months

Category

Treatment - Drugs

2

Description

Control group: oral placebo tablets,one tablet daily,for two months

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Golestan hospital

Full name of responsible person

Dr.Arman Zarghami

Street address

Golestan Hospital, Department of Psychiatry

City

Ahvaz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Ahvaz Jundishapur University of Medical Sciences

Full name of responsible person

Dr Saaki Naader

Street address

Vice Chancellor for Research of Jundishapur
University of Medical Science,

City

Ahvaz

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Ahvaz Jundishapur 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

Ahvaz Jundishapur of Medical Science

Full name of responsible person

Arman Zarghami

Position

Resident of Psychiatry

Other areas of specialty/work

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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