

Clinical Trial Protocol

Iranian Registry of Clinical Trials

20 Jul 2026

Efficacy of bupropion for attention deficit hyperactivity disorder in adults: a double blind and placebo controlled trial

Protocol summary

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Summary

The aim of the present study is to evaluate the efficacy of Bupropion on ADHD in adults through a double-blind, randomized, controlled trial. 40 outpatients, including 20-60 years old who clearly meet the DSM-IV-TR diagnostic criteria for ADHD (based on diagnosis of a psychiatrist) will be randomly assigned to receive Bupropion tablets (300mg/day) or placebo for 6 weeks. The primary outcome measure is the Adult ADHD Self-Report Scale (ASRS-v1.1) and Conners Adult ADHD Rating Scales-Self-Report-screening version. Patients will be assessed by a psychiatrist at baseline, as well as 3 and 6 weeks after the study started.

Recruitment status

Recruitment complete

Funding source

Tehran University of Medical Sciences

Expected recruitment start date

2013-04-03, 1392/01/14

Expected recruitment end date

2014-04-03, 1393/01/14

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201302201556N51**

Registration date: **2013-02-23, 1391/12/05**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2013-02-23, 1391/12/05

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

Scientific title

Efficacy of bupropion for attention deficit hyperactivity disorder in adults: a double blind and placebo controlled trial

Public title

Bupropion in the treatment of adult ADHD

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion Criteria: Diagnosis of ADHD based on DSM-IV ; age between 20-60
Exclusion Criteria: Chronic medical disease including seizure, cardiovascular disease, CVA and organic brain disease; substance abuse or dependence during past six months; nursing or pregnant patients; history of tic disorder; receiving of any psychotropics drugs during past two weeks, mental retardation ; history of suicide attempt, psychosis or aggressiveness; receiving psychotropic drugs; receiving psycho-stimulants or atomoxetine during past three months; bipolar disorder

Age

From **20 years** old to **60 years** old

Gender

Both

Phase
2-3

Groups that have been masked
No information

Sample size
Target sample size: **40**

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
2013-02-18, 1391/11/30

Ethics committee reference number
20285

Health conditions studied

1

Description of health condition studied
Disturbance of activity and attention

ICD-10 code
F90.0

ICD-10 code description
Disturbance of activity and attention

Primary outcomes

1

Description
Severity of ADHD

Timepoint
Week 0 (before treatment) and Weeks 3 and 6 after treatment

Method of measurement

by Adult ADHD Self-Report Scale and Conners Adult ADHD Rating Scales-Self-Report-screening version

Secondary outcomes

empty

Intervention groups

1

Description
Tablet Bupropion(150-300 mg/day) as intervention group for 6 weeks

Category
Treatment - Drugs

2

Description
Placebo for 6 weeks as control group

Category
Placebo

Recruitment centers

1

Recruitment center

Name of recruitment center
Roozbeh Hospital

Full name of responsible person
Dr. Shahin Akhondzadeh

Street address
South Kargar Sreet, Roozbeh Hospital

City
Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Tehran University of Medical Sciences

Full name of responsible person
Prof. Akbar Fotouhi

Street address
Keshvarz 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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Person responsible for updating data

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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