Clinical Trial Protocol
Iranian Registry of Clinical Trials

07 Nov 2026

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

Protocol summary

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 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.

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
s.akhond@sina.tums.ac.ir

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

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 Sreeet, 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

Street address

South Kargar street; Roozbeh Hospital

City

Tehran

Postal code

Phone

+98 21 5541 2222

Fax

Email

S.akhond@sina.tums.ac.ir

Web page address

Person responsible for scientific 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

Street address

South Kargar Street; Roozbeh Hospital,

City

Tehran

Postal code

Phone

+98 21 5541 2222

Fax

Email

S.akhond@sina.tums.ac.ir

Web page address

Person responsible for updating data

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

Street address

South Karegar street; Roozbeh Hospital

City

Tehran

Postal code

Phone

+98 21 5541 2222

Fax

Email

S.akhond@sina.tums.ac.ir

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