

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

Survey of combination of Memantine and methylphenidate among treatment the children with ADHD(Attention-deficit/hyperactivity disorder)

Protocol summary

Summary

Among patients referred to psychiatric Golestan Hospital, Ahwaz, which have ages 6 to 12 years, 30 children with hyperactivity disorder, who diagnosed by a psychiatrist with clinical interview, based on the parent kind of revised text of the fourth statistical detection guide, was selected and randomly divided into two groups. Companions to all the participants are given sufficient explanation about the plan and then informed consent is obtained. The first group is given Methylphenidate and Memantine with dose of 10 mg per day and the second group is given Methylphenidate and placebo. Methylphenidate, starts to the amount of approximately 0.3 Mg per kg of body weight in both morning and afternoon and increases based on side effects and clinical profile to approximately 1 mg per kg body weight per day. Before treatment and at the end of second and fourth weeks, blood pressure, weight and heart rate in children are also measured and recorded. Before treatment and at the end of 1th,2th,3th,4th weeks, treatment response is measured based on Conners test as well and in this intervals, every side effects is measured based on side effects Check list, And finally the collected data is analyzed statistically.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201208058317N2**
Registration date: **2012-12-06, 1391/09/16**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2012-12-06, 1391/09/16

Registrant information

Name

Ashraf Tashakori

Name of organization / entity

Jundi Shapur University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 61 1374 3038

Email address

tashakori-a@ajums.ac.ir

Recruitment status

Recruitment complete

Funding source

Research deputy of Ahvaz University of Medical Sciences

Expected recruitment start date

2012-10-21, 1391/07/30

Expected recruitment end date

2013-03-20, 1391/12/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Survey of combination of Memantine and methylphenidate among treatment the children with ADHD(Attention-deficit/hyperactivity disorder)

Public title

Survey of combination of Memantine and methylphenidate among treatment the children with ADHD(Attention-deficit/hyperactivity disorder)

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: 1-Having diagnostic criteria based on the revised text of the fourth statistical detection guide to identify mental disorders and tests Conners (Test for diagnosing hyperactivity disorder and it's grading), In this study, cases of moderate and severe impairment (score greater than or equal to 20 conners) are studied. 2-Age between 6 to 12 years. 3-Obtaining informed consent from parents. Exclusion criteria: 1-Other psychiatric disorder based on a criteria based DSM IV_TR 2-Mental retardation. 3-Having a history of seizures. 4-Any medical problems, including the use of beta blockers and methylphenidate such as asthma, cardiovascular problems, diabetes, history of allergy to drugs, the tic

Age

From **6 years** old to **12 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **20**

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

Jundi Shapur University of Medical Sciences, Ahwaz

Street address

Ahwaz - City University - Department of Research & Technology Of Medical Sciences, Ahwaz Jondi Shapur
- Ground Floor

City

Ahwaz

Postal code

Approval date

2010-08-20, 1389/05/29

Ethics committee reference number

ETH-450

Health conditions studied

1

Description of health condition studied

Attention deficit hyperactivity disorder

ICD-10 code

F90.0

ICD-10 code description

Disturbance of activity and attention

Primary outcomes

1

Description

The amount of improvement of ADHD symptoms

Timepoint

Before the intervention, 1th, 2th, 3th and 4th weeks after intervention

Method of measurement

Conners test

Secondary outcomes

1

Description

Side effects

Timepoint

Before the intervention, 1th, 2th, 3th and 4th weeks after intervention

Method of measurement

Onset of symptoms based on parents day comment

Intervention groups

1

Description

The first group is given Methylphenidate and Memantine with the dose of 10 mg per day. Methylphenidate, starts to the amount of approximately 0.3 mg per kg of body weight in both morning and afternoon, and increases based on side effects and clinical profile to approximately 1 mg per kg body weight per day. The drug is prescribed for one month.

Category

Treatment - Drugs

2

Description

The second group is given Methylphenidate and placebo . Methylphenidate, starts to the amount of approximately 0.3 mg per kg of body weight in both morning and afternoon, and increases based on side effects and clinical profile to approximately 1 mg per kg body weight per day.

Category

Placebo

Recruitment centers

1

Recruitment center

Name of recruitment center

Ahvaz Golestan hospital pediatric psychiatric clinic

Full name of responsible person

Dr. Ashraf Tashakori

Street address

City

Ahvaz

2

Recruitment center

Name of recruitment center

Ahvaz Golestan hospital pediatric psychiatric clinic

Full name of responsible person

Street address

City

Ahvaz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Research deputy of Ahvaz University of Medical Sciences

Full name of responsible person

Dr. Mostafa Feghi

Street address

Research deputy of Ahvaz University of Medical Sciences

City

Ahvaz

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Research deputy of Ahvaz 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 Jondi Shapur University of Medical Sciences

Full name of responsible person

Davood mohammadbeigi

Position

Psychiatry Resident

Other areas of specialty/work

Street address

Golestan Hospital, Ahwaz-Department of Psychiatry

City

Ahvaz

Postal code

Phone

+98 85 1334 8261

Fax

Email

Dr.davood.mohammadbeigi@gmail.com

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Ahvaz Jondi Shapur University of Medical Sciences

Full name of responsible person

Ashraf Tashakori

Position

Pediatric subspecialty board(psychiatry)

Other areas of specialty/work

Street address

Golestan Hospital, Ahwaz-Department of Psychiatry

City

ahvaz

Postal code

Phone

+98 61 1374 3038

Fax

Email

Tashakori-a@ajums.ac.irTashakori doctor@yahoo.com

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Ahvaz Jondi Shapur University of Medical Sciences

Full name of responsible person

Davood mohammadbeigi

Position

Psychiatry Resident

Other areas of specialty/work

Street address

Golestan Hospital, Ahwaz-Department of Psychiatry-3743038

City

Ahwaz

Postal code

Phone

+98 61 1372 1409

Fax

Email

Dr.davood.mohammadbeigi363@gmail.com

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