

Clinical Trial Protocol

Iranian Registry of Clinical Trials

04 Jul 2026

The effect of lavender medicine as a supplementary drug in the treatment of children with attention deficit hyperactivity disorder

Protocol summary

Summary

This is a double blinded, randomized, clinical trial, the aim of this study is evaluating the efficacy of Lavender as an adjuvant therapy along with methylphenidate on the treatment of children with attention deficit hyperactivity disorder (ADHD). Inclusion criteria: Patients with ADHD, age between 6 to 12 years. exclusion criteria: The patients with severe complications; People who do not have the consent to participate in the study; do not follow up. The total sample size is 44 and patients are randomly divided into two parallel groups as intervention and placebo groups. Also the randomization is doing with a randomization software. The intervention group is under treatment with methylphenidate and lavender and the placebo group is under treatment with methylphenidate. After 8 weeks, the outcomes of treatment are assessed using a ADHD Rating Scale-IV. Also the doctors and patients are blinded about study.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017091612782N18**

Registration date: **2017-10-15, 1396/07/23**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2017-10-15, 1396/07/23

Registrant information

Name

Ali Mehrabi kushki

Name of organization / entity

Isfahan University of Medical Sciences

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Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Vice President of Research, School of Medicine, Isfahan University of Medical Sciences

Expected recruitment start date

2016-03-19, 1394/12/29

Expected recruitment end date

2017-03-20, 1395/12/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of lavender medicine as a supplementary drug in the treatment of children with attention deficit hyperactivity disorder

Public title

The effect of lavender on the treatment of children with attention deficit hyperactivity disorder

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Patients with attention deficit hyperactivity disorder (ADHD), age between 6 to 12 years. exclusion criteria: The patients with severe complications; People who do not have the consent to participate in the study; do not follow up.

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: **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

Ethics committee of Isfahan University of Medical Sciences

Street address

Isfahan University of Medical Sciences, Isfahan, Iran.

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Postal code

7346181746

Approval date

2010-09-23, 1389/07/01

Ethics committee reference number

IR.MUI.REC.1395.30295

Health conditions studied

1

Description of health condition studied

Attention-Deficit/Hyperactivity Disorder(ADHD)

ICD-10 code

F90.0

ICD-10 code description

Disturbance of activity and attention

Primary outcomes

1

Description

Recovery rate

Timepoint

Before intervention and 8 weeks after intervention

Method of measurement

ADHD Rating Scale-IV

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: Patients under treatment with methylphenidate tablet and lavender

Category

Treatment - Drugs

2

Description

Control group: Patients under treatment with methylphenidate tablet and placebo (starch and lactose content)

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Khorshid Hospital

Full name of responsible person

Fereshteh Shakibaei

Street address

Khorshid Hospital, Isfahan, Iran.

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research, Isfahan University of Medical Sciences

Full name of responsible person

Dr Mansour Siavash

Street address

Isfahan University of Medical Sciences, Isfahan, Iran.

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Isfahan

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Vice chancellor for research, Isfahan 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**

Isfahan University of Medical Sciences

Full name of responsible person

Fereshteh Shakibaei

Position

Psychologist/ Associate professor

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Position

Responsible for research/Master of Science

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General practitioner

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City**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*