

Clinical Trial Protocol

Iranian Registry of Clinical Trials

25 Jul 2026

Efficacy of psychotherapy and pharmacotherapy on working memory of children with Attention deficit and hyperactivity disorder

Protocol summary

Summary

Attention deficit hyperactivity disorder (ADHD) is a known disorder in which children have an attention deficit and hyperactivity. This disorder may interfere in executive function like memory that is necessary for people's action. In this interventional study we are going to know if psychotherapy and behavioral treatment beside routine pharmacotherapy has an efficacy on working memory of children with ADHD. For finding the answer we will recruit 40 (20 male and 20 female) and divide them to two groups randomly (one group will take Pharmacotherapy without psychotherapy and the other pharmacotherapy plus psychotherapy). The results of pre and post test will be compared according to the aims of study.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT138812123480N1**

Registration date: **2010-11-29, 1389/09/08**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2010-11-29, 1389/09/08

Registrant information

Name

Mohammad Ahmadpanah

Name of organization / entity

Hamadan University of Medical Sciences

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Recruitment status

Recruitment complete

Funding source

Research and technology deputy of Hamadan University of Medical Sciences

Expected recruitment start date

2010-12-22, 1389/10/01

Expected recruitment end date

2011-06-22, 1390/04/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Efficacy of psychotherapy and pharmacotherapy on working memory of children with Attention deficit and hyperactivity disorder

Public title

Efficacy of psychotherapy and pharmacotherapy on working memory of children with Attention deficit and hyperactivity disorder

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion: 1- having the criteria of Attention deficit and hyperactivity disorder according to DSM-TR. 2-not having the other psychological disorders. 3- Being in normal range of intelligence. Exclusion criteria: participation in lower than 95% of intervention sessions.

Age

No age limit

Gender

empty

Phase

empty

Groups that have been masked

No information

Sample size

Target sample size: 40

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Dr Ali GHaleiha

Street address

Research and technology deputy of Hamadan
University of Medical Sciences

City

Hamadan

Postal code

Approval date

2010-11-08, 1389/08/17

Ethics committee reference number

16/35/9/89381/پ

Health conditions studied

1

Description of health condition studied

working memory in attention deficit and hyperactivity
disorder children

ICD-10 code

F90.0

ICD-10 code description

Disturbance of activity and attention

Primary outcomes

1

Description

working memory

Timepoint

6 months

Method of measurement

memory tests

Secondary outcomes

empty

Intervention groups

1

Description

Control group: routine pharmacotherapy

Category

Treatment - Drugs

2

Description

Intervention group: routine pharmacotherapy plus
psychotherapy

Category

Behavior

Recruitment centers

1

Recruitment center

Name of recruitment center

psychiatrists offices

Full name of responsible person

Street address

City

Hamadan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Research and technology deputy of Hamadan
University of Medical Sciences

Full name of responsible person

Dr Ghaleiha

Street address

Hamadan University of Medical Sciences

City

Hamadan

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Research and technology deputy of Hamadan 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

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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