Clinical Trial Protocol
Iranian Registry of Clinical Trials

08 Nov 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
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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

Name of organization / entity

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Full name of responsible person

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Other areas of specialty/work

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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