

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

Effect of Selected Attentional Tasks on Sustained Attention in Children with Attention Deficit Hyperactive Disorder

Protocol summary

Summary

The aim of this study was to investigate the effect of computer-based attention training in children with attention deficit hyperactive disorder. A total of 18 children with attention deficit hyperactive disorder were selected by multi-stage cluster random sampling from Tehran's psychiatry and occupational therapy clinics. Children in experiment group received ten 1-hour sessions computerized attention training while the control waiting list group did not receive any treatment. Before and after the training, all participants were assessed with continuous performance test and parent form of Conner's rating scale.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT138903184125N1**

Registration date: **2010-12-21, 1389/09/30**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2010-12-21, 1389/09/30

Registrant information

Name

Soroush Bakhshi

Name of organization / entity

University of Social Welfare and Rehabilitation

Country

Iran (Islamic Republic of)

Phone

+98 21 8851 3680

Email address

soroushbakhshi@uswr.ac.ir

Recruitment status

Recruitment complete

Funding source

University of Social Welfare and Rehabilitation

Expected recruitment start date

2009-09-29, 1388/07/07

Expected recruitment end date

2009-11-03, 1388/08/12

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of Selected Attentional Tasks on Sustained Attention in Children with Attention Deficit Hyperactive Disorder

Public title

Attention Rehabilitation in Children with ADHD

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: diagnosis of attention deficit hyperactive disorder with psychiatrist, be a third grade to fifth norml primary school student, Exclusion criteria: under 60 score catching in the conners rating scale, under 70 IQ, any psychiatry disorder or other visual or auditory disorders

Age

From **9 years** old to **11 years** old

Gender

Both

Phase

3

Groups that have been masked

No information

Sample size

Target sample size: **18**
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
University of Social Welfare and Rehabilitation
Street address
Koodakyar St., Daneshjoo Blvd.,
City
Tehran
Postal code
Approval date
2009-01-03, 1387/10/14
Ethics committee reference number
43919/۵۰

Health conditions studied

1

Description of health condition studied
Attention deficit hyperactive disorder
ICD-10 code
F90.0
ICD-10 code description
Hyperkinetic disorders

Primary outcomes

1

Description
Omission error
Timepoint
Before and after the intervention
Method of measurement
continuous performance test

2

Description
Comission error
Timepoint
Before and after the intervention

Method of measurement
continuous performance test

3

Description
Mean reaction time
Timepoint
Before and after the intervention
Method of measurement
continuous performance test

4

Description
Behavioral observations of parents
Timepoint
Before and after the intervention
Method of measurement
conner's rating scale

Secondary outcomes

empty

Intervention groups

1

Description
Intervention group: ten 1-hour sessions program with Children Attention Software. this software consists of 3 tasks: digit, story and color-shape task.
Category
Treatment - Other

2

Description
No intervention
Category
N/A

Recruitment centers

1

Recruitment center
Name of recruitment center
Farjam rehabilitation center
Full name of responsible person
Street address
City
Tehran

2

Recruitment center
Name of recruitment center
Sarv Rehabilitation Center
Full name of responsible person
Street address
City

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

University of Social Welfare and Rehabilitation

Full name of responsible person

Seyed Ali Hoseini

Street address

Koodakyar street, Daneshjoo blvd,

City

Tehran

Grant name

Grant code / Reference number

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

Yes

Title of funding source

University of Social Welfare and Rehabilitation

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

University of Social Welfare and Rehabilitation

Full name of responsible person

Soroush Bakhshi

Position

MS

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