Clinical Trial Protocol
Iranian Registry of Clinical Trials

08 Nov 2026

Compilation and validation of training packages for mothers and teachers based on the cognitive approach and its effectiveness depending on attention and the executive functions and academic progress of students with specific learning disabilities with reading characteristics

Protocol summary

Study aim
Developing a cognitive package for reading learning disorder and the effectiveness of this package on attention, executive functions and academic progress of students with reading learning disorder.
Design
Executive functions
Settings and conduct
Comprehensive assessment and training center
Participants/Inclusion and exclusion criteria
• Studying in public elementary schools • Having a learning disorder • Having the informed consent of the parents for the participation of their children in the research • Not using psychological interventions at the same time as conducting research • Not receiving medical and pharmaceutical treatment at the same time as conducting the research
Intervention groups
Students with learning disabilities of the reading type
Main outcome variables
Executive functions

General information

Reason for update
Acronym
IRCT registration information
IRCT registration number: **IRCT20241116063739N1**
Registration date: **2024-12-22, 1403/10/02**
Registration timing: **registered_while_recruiting**

Last update: **2024-12-22, 1403/10/02**
Update count: **0**
Registration date
2024-12-22, 1403/10/02

Registrant information
Name
Seyede seededh Ghavami
Name of organization / entity
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Recruitment status
Recruitment complete
Funding source

Expected recruitment start date
2024-09-22, 1403/07/01
Expected recruitment end date
2025-06-21, 1404/03/31
Actual recruitment start date
empty
Actual recruitment end date
empty
Trial completion date
empty

Scientific title
Compilation and validation of training packages for mothers and teachers based on the cognitive approach and its effectiveness depending on attention and the executive functions and academic progress of students with specific learning disabilities with reading characteristics

Public title
Compilation and validation of training packages for mothers and teachers based on the cognitive approach and its effectiveness depending on attention and the executive functions and academic progress of students

with specific learning disabilities with reading characteristics

Purpose

Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:

Studying in public elementary schools Having a learning disability Having the informed consent of the parents for the participation of their children in the research Not using psychological interventions at the same time as conducting research Not receiving medical and pharmaceutical treatment at the same time as conducting the research

Exclusion criteria:

Age

From **7 years** old to **12 years** old

Gender

Both

Phase

0

Groups that have been masked

No information

Sample size

Target sample size: **30**

Randomization (investigator's opinion)

Not randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Other

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Research Ethics Committees of Islamic Azad University-Central Tehran Branch

Street address

Quds town (west), between South Flamek and Zarafshan, Simai Iran St., Central Headquarters of the Ministry of Health, Treatment and Medical Education, Block A, 13th floor

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Province

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Approval date

2024-09-08, 1403/06/18

Ethics committee reference number

IR.IAU.CTB.REC.1403.183

Health conditions studied

1

Description of health condition studied

specific learning disabilities with reading characteristics

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

executive functions

Timepoint

Pre-test and post-test

Method of measurement

Questionnaire of executive functions

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: Students with learning disabilities of the reading characteristics

Category

Rehabilitation

Recruitment centers

1

Recruitment center

Name of recruitment center

Comprehensive center for assessment of rehabilitation education and timely educational developmental

Full name of responsible person

mohammadreza shabanzadeh

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Sponsors / Funding sources

1

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Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Islamic Azad University
Proportion provided by this source
100
Public or private sector
Public
Domestic or foreign origin
Domestic
Category of foreign source of funding
empty
Country of origin
Type of organization providing the funding
Academic

Person responsible for general inquiries

Contact
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Sharing plan

Deidentified Individual Participant Data Set (IPD)
Yes - There is a plan to make this available
Study Protocol
Yes - There is a plan to make this available
Statistical Analysis Plan
Yes - There is a plan to make this available
Informed Consent Form
Yes - There is a plan to make this available
Clinical Study Report
Yes - There is a plan to make this available
Analytic Code
Yes - There is a plan to make this available
Data Dictionary
Yes - There is a plan to make this available
Title and more details about the data/document
Published as an article
When the data will become available and for how long
6 months after publication
To whom data/document is available
Researchers
Under which criteria data/document could be used
for use in future research
From where data/document is obtainable
Reference sites
What processes are involved for a request to access data/document
No restrictions
Comments