Clinical Trial Protocol
Iranian Registry of Clinical Trials

16 Sep 2026

Efficacy of parenting education, compared with standard method in improvement of reading and writing disability in children

Protocol summary

Summary

Introduction : The most common types of learning disability are: reading, writing and mathematics disorder. Giving appropriate information about learning disability, to the parents , improves parents-child relationship. This study evaluated the effect of parenting education on the improvement of reading and writing disability in children. Methods : A randomized controlled trial on primary school students with reading and writing disability and their mothers. Inclusion criteria for students : diagnosis of reading and writing disability accordingto DSM-IV criteria ;no family problem (divorce, separation and adoption); no deafness, blindness, paralysis and developmental disorder. Inclusion criteria for mothers : graduation from high school. Subjects divided into three groups ,with 26 members in each group. Mothers group received educational sessions .Standard group received standard educations for learning disability .Three groups were evaluated via pre and post tests at baseline and after one and three months educational interventions. Added comments : Interventions in 3 groups: Intervention group: Students' mothers formed a group with 26 members and received 6 one-hour educational sessions according to educational protocol including: parenting method and reading and writing special education methods. Then these mothers educated their children for 3 months. Mothers' education sessions included: First session: Introduction to reading and writing disability (by child and adolescent psychiatrist) Second session: How can parents help the child with learning disability? (by child and adolescent psychiatrist) Third session: Positive communication with the child (by child and adolescent psychiatrist) Fourth session: Education of reward and stress control methods (by child and adolescent psychiatrist) Fifth session: Special education of reading, development of visual and hearing memory (by specialist of learning disability education) Sixth session: Special education of writing (by specialist of learning disability education) After the sixth session, mothers took a post-test about their degree of satisfaction from educational sessions. Then mothers taught their children in 12-15 educational sessions and their children were evaluated at baseline and 1 and 3 months after educational interventions. Standard group: Including 26 students with reading and writing disability which were educated individually (routine method of learning centers) in 12-15 educational sessions. These children were evaluated at baseline and 1 and 3 months after educational interventions. Control group: Including 26 students with reading and writing disability in waiting lists of educational centers. Treatment modalities didn't begin for these students but they were put prior to other patients, in waiting lists of learning centers. Students whose mothers were absent from two educational sessions, were excluded.

General information

Acronym

LD-Learning disorder

IRCT registration information

IRCT registration number: **IRCT201101205653N1**
Registration date: **2013-04-24, 1392/02/04**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2013-04-24, 1392/02/04

Registrant information

Name

Mojgan Karahmadi

Name of organization / entity

Isfahan University of Medical Sciences-Psychiatry department

Country

Iran (Islamic Republic of)

Phone

+98 314343782

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Recruitment status

Recruitment complete

Funding source

Isfahan University of Medical Sciences-Isfahan Behavioral Sciences Research Center

Expected recruitment start date

2008-09-22, 1387/07/01

Expected recruitment end date

2009-03-19, 1387/12/29

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Efficacy of parenting education, compared with standard method in improvement of reading and writing disability in children

Public title

Efficacy of maternal education, compared with standard method in improvement of reading and writing disability in children

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria for students: diagnosis of reading and writing disability according to DSM-IV criteria; no family problem (divorce, separation and adoption); no deafness, blindness, paralysis and developmental disorder.
Inclusion criteria for mothers: graduation from high school.

Age

From **7 years** old to **8 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **78**

Randomization (investigator's opinion)

N/A

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

1

Registry name

karahmadi@med.mui. ac.ir

Secondary trial Id

karahmadi@med.mui.ac.ir

Registration date

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Medical School of Esfahan University

Street address

Hezar jerib Street. Esfahan University

City

Esfahan

Postal code

Approval date

2009-06-09, 1388/03/19

Ethics committee reference number

387236

Health conditions studied

1

Description of health condition studied

Learning Disorder

ICD-10 code

F81.0, F81

ICD-10 code description

Specific reading disorder, Specific spelling disorder

Primary outcomes

1

Description

Reading writing

Timepoint

one month and three montth

Method of measurement

test

Secondary outcomes

empty

Intervention groups

1

Description

Intervention : Parents education for Aid teaching of children with Readin and Writing Disorder. Intervention

group were under parentral education and standard education.

Category

Rehabilitation

2

Description

Control group were in waiting list for standard education and parental education.

Category

Rehabilitation

Recruitment centers

1

Recruitment center

Name of recruitment center

Consultation Centers of Education Organization in Isfahan

Full name of responsible person

Mojgan Karahmadi

Street address

City

Isfahan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Medical School of Isfahan University of Medical Science &Isfahan Behavioral Sciences Research Center

Full name of responsible person

Dr.Esfandiari . Finance Assistant of Esfahan Medical School

Street address

Hezargerib St.

City

Esfahan

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Medical School of Isfahan University of Medical Science &Isfahan Behavioral Sciences Research Center

Proportion provided by this source

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

2

Sponsor

Name of organization / entity

Isfahan University of Medical Sciences & Isfahan Behavioral Sciences Research Center

Full name of responsible person

Mojgan Karahmadi

Street address

Medical School

City

Isfahan

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Isfahan University of Medical Sciences & Isfahan Behavioral Sciences Research Center

Proportion provided by this source

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

Medical School of Esfahan University

Full name of responsible person

Dr.Mojgan Karahmadi

Position

Assistant Professor & Child Psychiatiry Subspecialist

Other areas of specialty/work

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Person responsible for scientific inquiries

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Person responsible for updating data

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Name of organization / entity

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Position

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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