

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

02 Jul 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 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. 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

**Email address**

karahmadi@med.mui.ac.ir

**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 month

**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 parental 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 Psychiatry Subspecialist

**Other areas of specialty/work****Street address**

Isfahan University of Medical Sciences, Hezarjerib St.

**City**

Isfahan

**Postal code****Phone**

+98 31 1434 3782

**Fax****Email**

karahmadi@med.mui.ac.ir

**Web page address****Person responsible for scientific inquiries****Contact****Name of organization / entity**

Isfahan univercity

**Full name of responsible person**

Dr.Mojgan Karahmadi

**Position**

Assistant Professor & Child Psychiatry Subspecialist

**Other areas of specialty/work**

**Street address**

Isfahan University of Medical Sciences, Hezarjarib St.

**City**

Isfahan

**Postal code**

**Phone**

+98 31 1434 3782

**Fax**

**Email**

karahmadi@med.mui.ac.ir

**Web page address**

**Person responsible for updating data**

**Contact**

**Name of organization / entity**

Isfahan University of Medical Sciences-Isfahan  
Behavioral Sciences Research Center

**Full name of responsible person**

Dr., Mojgan Karahmadi

**Position**

Assistant Professor & Child Psychiatry Subspecialist

**Other areas of specialty/work**

**Street address**

Isfahan University of Medical Sciences-Hezarjarib St.

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Isfahan

**Postal code**

**Phone**

+98 31 1434 3782

**Fax**

**Email**

karahmadi@med.mui.ac.ir

**Web page address**

**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*