

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Jun 2026

Assessment the effect of two types of teaching methods storytelling and performing activity on physical-motor development of preschool children

Protocol summary

Study aim

Determining the effect of two types of teaching methods storytelling and performing activity on physical-motor development of preschool children

Design

A clinical trial has a control group, with parallel groups, One blind side, randomized

Settings and conduct

In schools of Borujerd, schools are selected by clustering and the samples are selected in accessible form and randomly divided into three groups: control, storytelling and dramatic activity, and intervention is done.

Participants/Inclusion and exclusion criteria

Inclusion criteria; Pre-school children Children 5-6 years old Exit criteria; Participate in similar studies Diseases that disrupt physical and motor growth

Intervention groups

The storytelling group and the group performing activity and control group

Main outcome variables

Physical-motor development rate

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20180103038210N3**

Registration date: **2019-04-10, 1398/01/21**

Registration timing: **registered_while_recruiting**

Last update: **2019-04-10, 1398/01/21**

Update count: **0**

Registration date

2019-04-10, 1398/01/21

Registrant information

Name

Elham Fallah

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 66 3291 1047

Email address

eli885falah@gmail.com

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2018-07-23, 1397/05/01

Expected recruitment end date

2019-07-23, 1398/05/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Assessment the effect of two types of teaching methods storytelling and performing activity on physical-motor development of preschool children

Public title

The effect of two types of teaching methods storytelling and performing activity on physical-motor development of preschool children

Purpose

Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:

Children 5-6 years old preschool children

Exclusion criteria:

Participate in similar studies Diseases that disrupt physical-motor growth

Age

From **5 years** old to **6 years** old

Gender

Both

Phase

N/A

Groups that have been masked

- Data analyser

Sample size

Target sample size: **72**

Randomization (investigator's opinion)

Randomized

Randomization description

Schools are considered as cluster, and after random selection, the samples are selected and divided into groups by random four blocks.

Blinding (investigator's opinion)

Single blinded

Blinding description

By encoding questionnaires, the data analyzer was blinded

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics Committee of Lorestan University of Medical Sciences

Street address

khoramabad

City

khoramabad

Province

Lorestan

Postal code

6814967851

Approval date

2018-11-05, 1397/08/14

Ethics committee reference number

IR.LUMS.REC.1397.113

Health conditions studied

1

Description of health condition studied

Storytelling

ICD-10 code

ICD-10 code description

2

Description of health condition studied

performing activity

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

Physical-Motor Growth Rate

Timepoint

Before and after the intervention

Method of measurement

questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group 1: Storytelling(8 weeks three sessions a week 1hour) by reading the storybook by the coach

Category

Behavior

2

Description

Intervention group: Performing Activity(8 weeks three sessions a week 1hour)It is run by the child himself

Category

Behavior

3

Description

Control group: No training

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

School

Full name of responsible person

ElhamFallah

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Khoram-Abad University of Medical Sciences
Full name of responsible person
Research Committee
Street address
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6813833946
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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

Khoram-Abad University of Medical Sciences

Proportion provided by this source

1

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

Name of organization / entity
Khoram-Abad University of Medical Sciences
Full name of responsible person
ElhamFallah
Position
Student
Latest degree
A Level or less
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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Sharing plan

Deidentified Individual Participant Data Set (IPD)

No - There is not a plan to make this available

Justification/reason for indecision/not sharing IPD

Age of samples

Study Protocol

No - There is not a plan to make this available

Statistical Analysis Plan

No - There is not a plan to make this available

Informed Consent Form

No - There is not a plan to make this available

Clinical Study Report

No - There is not a plan to make this available

Analytic Code

No - There is not a plan to make this available

Data Dictionary

No - There is not a plan to make this available