

# 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**  
khoramabad  
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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**  
Health Promotion  
**Street address**  
Golah street

## Person responsible for scientific inquiries

#### Contact

**Name of organization / entity**  
Khoram-Abad University of Medical Sciences  
**Full name of responsible person**  
ElhamFallah  
**Position**  
Nursing student  
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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