

Clinical Trial Protocol

Iranian Registry of Clinical Trials

18 Sep 2026

The Effect of Education Based on Health Belief Model on the Promotion of Preventive Behaviors in Accidents and Injuries Among Mothers with children under 5 year's old referred to health centers in Khorramabad

Protocol summary

Summary

This study aims at investigating the effect of education based on Health Belief Model on practices preventing of accidents and injuries in children. The design of the study is pre-test post-test quasi-experimental design. The study population was the mothers with at least one child under five years old who had medical recode in the selected health centers in Khorramabad. Sample size was equal to 112 mothers with at least one under five year child that multi-stage random was used to selected based on simple random sampling and are assigned to intervention group (n=56) and control group (n=56) randomly. The data are gathered via a standard questionnaire whose validity and reliability are assured in advance. Inclusion criteria: women with children under 5 year's old. literate mothers. Exclusion criteria: unwillingness to participate in the study; the absence of training sessions. The educational intervention for the intervention group is done via holding an interactive educational seminar, presenting an Educational booklet as a reminder. The control group receive their routine education. The primary outcome: The prevention of accidents and injuries in children. The Secondary outcomes: Increase knowledge, change attitude, improve practice.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2014071018429N1**
Registration date: **2014-11-11, 1393/08/20**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2014-11-11, 1393/08/20

Registrant information

Name

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Name of organization / entity

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Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Arak University of Medical Sciences

Expected recruitment start date

2014-07-07, 1393/04/16

Expected recruitment end date

2015-02-05, 1393/11/16

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The Effect of Education Based on Health Belief Model on the Promotion of Preventive Behaviors in Accidents and Injuries Among Mothers with children under 5 year's old referred to health centers in Khorramabad

Public title

The effect of education on the prevention of accidents and injuries in children

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: women with children under 5 years old, literate mothers. Exclusion criterion: unwillingness to participate in the study.

Age

From **18 years** old to **40 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **112**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Participants in the study are selected randomly and then with respective software (www.randomizer.com) they were included in one of the groups intervention and control.

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Vice chancellor for research, Arak University of Medical Sciences

Street address

Arak University of Medical Sciences, Basij Sq., Sardashat, Arak

City

Arak

Postal code

3818146851

Approval date

2014-05-26, 1393/03/05

Ethics committee reference number

16-163-93

Health conditions studied

1

Description of health condition studied

accidents and incidents

ICD-10 code

W16

ICD-10 code description

Diving or jumping into water causing injury other than drowning or submersion

2

Description of health condition studied

accidents and incidents

ICD-10 code

W13

ICD-10 code description

Fall from, out of or through building or structure

Primary outcomes

1

Description

Adopt behaviors to prevent accidents and injuries in children

Timepoint

three months before and three months after intervention

Method of measurement

Questionnaire

Secondary outcomes

1

Description

Knowledge, Perceived susceptibility, Perceived severity, Perceived benefits, Perceived barriers, Cues to action, Self-efficacy, practice

Timepoint

three months before and after the intervention.

Method of measurement

Questionnaire

Intervention groups

1

Description

The educational intervention for the intervention group is done via holding an interactive educational seminar, presenting an Educational booklet as a reminder.

Category

Prevention

2

Description

Control Group: The control group will receive their routine education.

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Khorramabad

Full name of responsible person

Mohsen Shamsi

Street address

Arak University of Medical Sciences, Basij Sq.,
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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research, Arak University of
Medical Sciences

Full name of responsible person

Mohammad Rafie

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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

Vice chancellor for research, Arak University of Medical
Sciences

Proportion provided by this source

100

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

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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