

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

01 Jul 2026

### The effect of educational program based on Health Belief Model on the mother's beliefs and practices in order to prevent injury prevention among under five-year children: a before-after trial

#### Protocol summary

##### Summary

**Objectives:** To investigate the effect of educational program based on Health Belief Model on the mother's beliefs and practices in order to prevent injury prevention among under five-year children **Design:** A before-after trial **Setting and conduct:** The mothers who refer to health centers will be included if they fulfill eligibility criteria. Participants including major eligibility criteria: The participants with the following criteria will be included in the study: having under five-year child; having an active medical recode in the health center; voluntarily participate in the study; regular participation in the educational sessions. The participants with each one of the following criteria will be excluded from the study: Having under five-year child with chronic disease; absence from educational session more than twice. **Intervention:** The volunteers will be divided into six groups of 20 people each. For each group, six educational sessions will be hold separately during three weeks using different educational programs such as speech, question and answer, group discussion, as well as using CDs, pouters, booklets and pamphlets. **Main outcome measures:** In each individual six outcome will be measured before and after intervention. The outcomes of interest that will be assessed are as follows: knowledge (15 questions), practice (20 questions), perceived sensitivity (5 questions), perceived severity (5 questions), perceived benefits (5 questions), perceived barriers (5 questions), queue to action (4 questions), and self-efficacy. These outcomes may be affected by the intervention. Thus, we will compare the mean score of each outcome before intervention with that of after intervention.

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT201203309014N11**

Registration date: **2012-04-14, 1391/01/26**

Registration timing: **prospective**

Last update:

Update count: **0**

##### Registration date

2012-04-14, 1391/01/26

##### Registrant information

###### Name

Jalal Poorolajal

###### Name of organization / entity

Department of Epidemiology & Biostatistics Hamadan University of Medical Sciences

###### Country

Iran (Islamic Republic of)

###### Phone

+98 81 1838 0090

###### Email address

poorolajal@umsha.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

Vic-chancellor of Research and Technology, Hamadan University of Medical Sciences

##### Expected recruitment start date

2012-04-20, 1391/02/01

##### Expected recruitment end date

2012-08-21, 1391/05/31

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

**Scientific title**

The effect of educational program based on Health Belief Model on the mother's beliefs and practices in order to prevent injury prevention among under five-year children: a before-after trial

**Public title**

The effect of educational program based on Health Belief Model on the mother's beliefs and practices in order to prevent injury prevention among under five-year children

**Purpose**

Prevention

**Inclusion/Exclusion criteria**

inclusion criteria : having under five-year child; having an active medical recode in the health center; being volunteer to participate in the study; regular participation in the educational sessions. exclusion criteria: Having under five-year child with chronic disease; absence from educational session more than twice.

**Age**

No age limit

**Gender**

Female

**Phase**

3

**Groups that have been masked**

*No information*

**Sample size**

Target sample size: **120**

**Randomization (investigator's opinion)**

N/A

**Randomization description****Blinding (investigator's opinion)**

Not blinded

**Blinding description****Placebo**

Not used

**Assignment**

Single

**Other design features****Secondary Ids**

empty

**Ethics committees****1****Ethics committee****Name of ethics committee**

Local Human Subject Review board of Hamadan University of Medical Sciences

**Street address**

Hamadan University of Medical Sciences, Shaheed Fahmideh Ave

**City**

Hamadan

**Postal code**

6517838695

**Approval date**

2012-03-04, 1390/12/14

**Ethics committee reference number**

D/P/16/35/9/4576

**Health conditions studied****1****Description of health condition studied**

Injury to under five-year children

**ICD-10 code**

T29

**ICD-10 code description**

Burns and corrosions of multiple body regions

**2****Description of health condition studied**

Injury to under five-year children

**ICD-10 code**

T30

**ICD-10 code description**

Burn and corrosion, body region unspecified

**3****Description of health condition studied**

Injury to under five-year children

**ICD-10 code**

T31

**ICD-10 code description**

Burns classified according to extent of body surface involved

**4****Description of health condition studied**

Injury to under five-year children

**ICD-10 code**

T32

**ICD-10 code description**

Corrosions classified according to extent of body surface involved

**Primary outcomes****1****Description**

Knowledge (15 questions)

**Timepoint**

Two months after educational intervention

**Method of measurement**

Questionnaire

**2****Description**

Practice (20 questions)

**Timepoint**

Two months after educational intervention

**Method of measurement**

Questionnaire

### 3

#### **Description**

Perceived sensitivity (5 questions)

#### **Timepoint**

Two months after educational intervention

#### **Method of measurement**

Questionnaire

### 4

#### **Description**

Perceived severity (5 questions)

#### **Timepoint**

Two months after educational intervention

#### **Method of measurement**

Questionnaire

### 5

#### **Description**

Perceived benefits (5 questions)

#### **Timepoint**

Two months after educational intervention

#### **Method of measurement**

Questionnaire

### 6

#### **Description**

Perceived barriers (5 questions)

#### **Timepoint**

Two months after educational intervention

#### **Method of measurement**

Questionnaire

### 7

#### **Description**

Queue to action (4 questions)

#### **Timepoint**

Two months after educational intervention

#### **Method of measurement**

Questionnaire

### 8

#### **Description**

Self-efficacy

#### **Timepoint**

Two months after educational intervention

#### **Method of measurement**

Questionnaire

## **Secondary outcomes**

### 1

#### **Description**

Nothing

#### **Timepoint**

Nothing

#### **Method of measurement**

Nothing

## **Intervention groups**

### 1

#### **Description**

Intervention group: Holding six educational sessions during three weeks using different educational programs such as speech, question and answer, group discussion, as well as using CDs, posters, booklets and pamphlets.

#### **Category**

Prevention

## **Recruitment centers**

### 1

#### **Recruitment center**

##### **Name of recruitment center**

Health centers of Hamadan City

##### **Full name of responsible person**

Dr Forouzan Rezapur Shahkolai

##### **Street address**

Department of Public Health, School of Public Health, Hamadan University of Medical Sciences, Shaheed Fahmideh Ave.

##### **City**

Hamadan

## **Sponsors / Funding sources**

### 1

#### **Sponsor**

##### **Name of organization / entity**

Vic-chancellor of Research and Technology, Hamadan University of Medical Sciences

##### **Full name of responsible person**

Dr Ahmad Tavilani

##### **Street address**

Vic-chancellor of Research and Technology, Hamadan University of Medical Sciences, Shaheed Fahmideh Ave.

##### **City**

Hamadan

#### **Grant name**

از محل يك درصد بودجه طرح‌هاي تحقيقاتي دانشگاه

#### **Grant code / Reference number**

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

Yes

#### **Title of funding source**

Vic-chancellor of Research and Technology, Hamadan 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****Contact****Name of organization / entity**

Research Center for Health Sciences and Department  
of Epidemiology & Biostatistics

**Full name of responsible person**

Dr Jalal Poorolajal

**Position**

MD, PhD, Assistant Professor of Epidemiology

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forouzan.rezapour@gmail.com

**Web page address****Person responsible for updating data****Contact****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*