

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Jul 2026

The effect of education on mothers' behaviours in relation to poisoning prevention among under five-year children, using Health Belief Model

Protocol summary

Summary

This study is a randomized controlled trial. The aim of this study will be to determine The effect of education on mothers' behaviours in relation to poisoning prevention among under five-year children, using Health Belief Model. Design: in the first stage, using quantitative methods, a needs assessment will be to the prevention of poisoning in children under five years of behavioral problems mothers. From urban and rural health centers had most of the problems identified in the needs assessment process, as clusters are used to lottery. After entering in health centers to study in the first list of mothers will be provided by health workers and mothers will be selected by simple random sampling among them. Intervention: intervention within a month to mothers during a 3 training session about poisoning in children and its types, the need for mothers' attention to child poisoning and how to prevent child poisoning and a reminder to the meeting within one month of the third session will be appropriate training and educational resources. Outcome measure: assess will be for effectiveness of interventions related between the intervention and control groups for determine outcomes reduced poisoning and preventive behaviors in two time periods before and two months after intervention. Questionnaire will be complete via interview.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017050133755N1**

Registration date: **2017-07-19, 1396/04/28**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2017-07-19, 1396/04/28

Registrant information

Name

Khadijeh Bandehelahi

Name of organization / entity

Hamadan University of Medical Science

Country

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Recruitment status

Recruitment complete

Funding source

Vice- Chancellor of Research and Technology of Hamadan University of Medical Sciences

Expected recruitment start date

2017-09-23, 1396/07/01

Expected recruitment end date

2018-01-21, 1396/11/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of education on mothers' behaviours in relation to poisoning prevention among under five-year children, using Health Belief Model

Public title

The effect of education on mothers' behaviours in relation to poisoning prevention among under five-year children

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria included; having children under five years, would like to participate in educational programs and complete the consent form, no children under five years with refractory disease and completing a questionnaire before and after intervention. Exclusion criteria included in this study; not consent to participate in the study.

Age

No age limit

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **120**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Single blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics Committee of Hamadan University of Medical Sciences

Street address

Hamadan University of Medical Sciences, Martyr Fahmideh Street, Hamadan

City

Hamadan

Postal code

Approval date

2017-02-28, 1395/12/10

Ethics committee reference number

IR.UMSHA.REC.1395.588

Health conditions studied

1

Description of health condition studied

Prevention of poisoning

ICD-10 code

T36,T37,T3

ICD-10 code description

Poisoning by drugs, medicaments and biological substances

Primary outcomes

1

Description

Perform preventive behaviors of poisoning

Timepoint

Before and two month after intervention

Method of measurement

Researcher-made questionnaire

Secondary outcomes

1

Description

Risk of poisoning children

Timepoint

Before and two month after intervention

Method of measurement

Researcher-made questionnaire

Intervention groups

1

Description

First group: education mothers with children under 5 years

Category

Behavior

2

Description

Second group: control group

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Urban health center Dareh morad beig

Full name of responsible person

Khadijeh Bandehelahi

Street address

City

Hamadan

2

Recruitment center

Name of recruitment center

Rural health center Marianaj

Full name of responsible person

Khadijeh Bandehelahi

Street address**City**

Hamadan

3**Recruitment center****Name of recruitment center**

Urban health center Vali aser

Full name of responsible person

Khadijeh Bandehelahi

Street address**City**

Hamadan

4**Recruitment center****Name of recruitment center**

Rural health center Sangestan

Full name of responsible person

Khadijeh Bandehelahi

Street address**City**

Hamadan

Sponsors / Funding sources**1****Sponsor****Name of organization / entity**Vice- Chancellor of Research and Technology,
Hamadan University of Medical Sciences**Full name of responsible person**

Dr saeed Bashirian

Street addressHamadan University of Medical Sciences, Martyr
Fahmideh Street, Hamadan**City**

Hamadan

Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding sourceVice- 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**

Hamadan University of Medical Sciences, Public Health

Full name of responsible person

Khadijeh Bandehelahi

Position

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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