Clinical Trial Protocol
Iranian Registry of Clinical Trials

16 Sep 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

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Khadijeh Bandehelahi
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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
Befor 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
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2

Recruitment center
Name of recruitment center
Rural health center Marianaj

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3

Recruitment center
Name of recruitment center
Urban health center Vali aser
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4

Recruitment center
Name of recruitment center
Rural health center Sangestan
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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
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Hamadan University of Medical Sciences, Martyr Fahmideh Street, Hamadan
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Hamadan
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Vice- 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
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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