

Clinical Trial Protocol

Iranian Registry of Clinical Trials

09 Jul 2026

Evaluation of the effect of first aid training based on health belief model on improving the practice of mothers with children under 6 years old at the time of accidents in Azna

Protocol summary

Study aim

Determining the effect of first aid training based on health belief model on improving the ability of mothers with children under 6 years old referring to health centers in Azna city

Design

The study population was 100 mothers with children under 6 years of age, which was randomly assigned to 50 in the intervention group and 50 in the control group.

Settings and conduct

This study is conducted in Azna city for the education of mothers with children under 6 years old. In this study, it is a randomized controlled trial that is randomly selected and placed in intervention and control groups.

Participants/Inclusion and exclusion criteria

Mothers with children under the age of 6 who wish to participate in the research are covered by health centers. Mothers who are literate (at least 5 years of schooling).

Intervention groups

Necessary and determined trainings, including continuous training seminars in two 60-minute sessions and presentation of training booklets and pamphlets for the intervention group, and then in a test that will be conducted 3 months later with the distribution of questionnaires, the level of the two groups in terms of the defined variables is compared.

Main outcome variables

The main consequence variable is the timely delivery of first aid by the mother to the child in the event of an accident.

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20210920052531N1**

Registration date: **2022-12-29, 1401/10/08**

Registration timing: **retrospective**

Last update: **2022-12-29, 1401/10/08**

Update count: **0**

Registration date

2022-12-29, 1401/10/08

Registrant information

Name

Ruhollah Noori

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 66 4342 1995

Email address

r.nouri98@arakmu.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2021-12-11, 1400/09/20

Expected recruitment end date

2022-01-10, 1400/10/20

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation of the effect of first aid training based on health belief model on improving the practice of mothers with children under 6 years old at the time of accidents

Public title

The effect of first aid training on improving the performance of mothers in the event of an accident

Purpose

Education/Guidance

Inclusion/Exclusion criteria**Inclusion criteria:**

Mothers with children under the age of 6 who wish to participate in the research are covered by health centers. Mothers who are literate (at least 5 years of schooling).

Exclusion criteria:

The unwillingness of the samples to participate in this research.

Age

From **18 years** old to **50 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **100**

Randomization (investigator's opinion)

Not randomized

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

Not 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 Arak University of Medical Sciences

Street address

Deputy Education and research, Pardis Educational Complex, Basij Square, Sardasht, Arak

City

arak

Province

Markazi

Postal code

38481-7-6941

Approval date

2021-08-29, 1400/06/07

Ethics committee reference number**Health conditions studied****1****Description of health condition studied**

first aid training

ICD-10 code**ICD-10 code description****Primary outcomes****1****Description**

Improving the ability of mothers with children under 6 years old at the time of the accident

Timepoint

Before the intervention and three months after the intervention

Method of measurement

Questionnaire

Secondary outcomes

empty

Intervention groups**1****Description**

In this study, the test group received the designed educational intervention. The trainings were conducted by researchers in training sessions for the intervention group using the methods of lectures, group discussions, giving educational booklets and pamphlets regarding the factors and complications of accidents and incidents in children. In this regard, in order to improve and speed up education, posters, pamphlets, and educational CDs on how to perform first aid in simple language for mothers were used; Also, in order to better educate and educate mothers, following the prevailing health protocols in health centers, and based on child care booklets regarding accidents and incidents, practical parts of the training were provided in person.

Category

N/A

2**Description**

Control group: Without educational intervention and 3 months after the implementation of the intervention, the test groups will be checked and compared again through questionnaires.

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Azna health centers

Full name of responsible person

Dr. Mohsen Shamsi

Street address

Faculty of Health, Golestan St., Mostafa Khomeini
Town, Arak.

City

Arak

Province

Markazi

Postal code

3818146851

Phone

+98 86 3368 4615

Email

dr.shamsi@arakmu.ac.ir

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Arak University of Medical Sciences

Full name of responsible person

Dr. Davood Hekmat Po

Street address

Vice Chancellor for Research, Arak University of
Medical Sciences, Pardis Educational Complex,
Sardasht, Basij Square, Arak

City

Arak

Province

Markazi

Postal code

3848176941

Phone

+98 86 6368 4615

Fax

+98 86 6443 3368

Email

dr.shamsi@arakmu.ac.ir

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

Yes

Title of funding source

Arak University of Medical Sciences

Proportion provided by this source

100

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**

Arak University of Medical Sciences

Full name of responsible person

Ruhollah Noori

Position

Master student of health education

Latest degree

Bachelor

Other areas of specialty/work

Health Promotion

Street address

Faculty of Health, Golestan St., Mostafa Khomeini
Town, Arak.

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3818146851

Phone

+98 66 4342 1995

Email

r.nouri98@arakmu.ac.ir

Person responsible for scientific inquiries

Contact**Name of organization / entity**

Arak University of Medical Sciences

Full name of responsible person

Dr. Mohsen Shamsi

Position

PhD in Health Education and Promotion

Latest degree

Ph.D.

Other areas of specialty/work

Health Promotion

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Phone

+98 86 3368 4615

Email

dr.shamsi@arakmu.ac.ir

Person responsible for updating data

R.nouri98@arakmu.ac.ir

Contact

Name of organization / entity

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Full name of responsible person

Ruhollah Noori

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Phone

+98 66 4342 1995

Email

Sharing plan

Deidentified Individual Participant Data Set (IPD)

Undecided - It is not yet known if there will be a plan to make this available

Study Protocol

Undecided - It is not yet known if there will be a plan to make this available

Statistical Analysis Plan

Undecided - It is not yet known if there will be a plan to make this available

Informed Consent Form

Undecided - It is not yet known if there will be a plan to make this available

Clinical Study Report

Undecided - It is not yet known if there will be a plan to make this available

Analytic Code

Undecided - It is not yet known if there will be a plan to make this available

Data Dictionary

Undecided - It is not yet known if there will be a plan to make this available