

Clinical Trial Protocol

Iranian Registry of Clinical Trials

30 Jul 2026

The Effect of Education Based on Health Belief Model of Mothers on Promoting Preventive Behaviors of Iron Deficiency Anemia in Children

Protocol summary

Summary

The aim of this study is to determine the effectiveness of teaching based on the theory of Health Belief Model on prevention of Iron Deficiency Anemia in Children. The samples are mothers with children between 1-6 years old in Babol city with Simple random sampling method. 132 subjects are divided into two groups. After the pre-test in both groups, training program is done for the intervention group. At the end of study the post-test will be done in both groups and the results will be analyzed. Inclusion Criteria: Willingness to Participate in the Study, being Selected in sampling process; Exclusion Criteria: unwillingness to continue the study, Absence from Training Sessions; The Primary Outcome: Adopt Behaviors to Prevent of Iron Deficiency Anemia; The Secondary Outcome: Knowledge; Perceived Susceptibility; Perceived Severity; Perceived Benefits; Perceived Barriers; Efficacy; Cues of Action; and Performance

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2014082118892N1**
Registration date: **2014-11-23, 1393/09/02**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2014-11-23, 1393/09/02

Registrant information

Name

Nayyereh Mohammadzadeh Larijani

Name of organization / entity

Arak University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 86 3368 4615

Email address

mohammadzadeh@arakmu.ac.ir

Recruitment status

Recruitment complete

Funding source

Arak University of Medical Sciences

Expected recruitment start date

2014-10-23, 1393/08/01

Expected recruitment end date

2015-02-20, 1393/12/01

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 of Mothers on Promoting Preventive Behaviors of Iron Deficiency Anemia in Children

Public title

The Effect of Education of mothers on prevention of Iron Deficiency Anemia in Children

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion Criteria: Willingness to Participate in the Study, being Selected in sampling process; Exclusion Criteria: unwillingness to continue the study, Absence from Training Sessions

Age

No age limit

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 132

Randomization (investigator's opinion)

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

Babol University of Medical Sciences

Street address

Babol University of Medical Sciences, Keshavarz Street

City

Babol

Postal code

4717647745

Approval date

2014-10-20, 1393/07/28

Ethics committee reference number

931694

Health conditions studied

1

Description of health condition studied

Iron deficiency anemia

ICD-10 code

D50.8

ICD-10 code description

Other iron deficiency anaemias

Primary outcomes

1

Description

Adopt Behaviors to Prevent of Iron Deficiency Anemia

Timepoint

Before and After the Intervention

Method of measurement

Questionnaire

Secondary outcomes

1

Description

Perceived Barriers

Timepoint

Before and After the Intervention

Method of measurement

Questionnaire

2

Description

Self-Efficacy

Timepoint

Before and After the Intervention

Method of measurement

Questionnaire

3

Description

Perceived Benefits

Timepoint

Before and After the Intervention

Method of measurement

Questionnaire

4

Description

Perceived Susceptibility

Timepoint

Before and After the Intervention

Method of measurement

Questionnaire

5

Description

Perceived Severity

Timepoint

Before and After the Intervention

Method of measurement

Questionnaire

6

Description

Cues of Action

Timepoint

Before and After the Intervention

Method of measurement

Questionnaire

7

Description

Performance

Timepoint

Before and After the Intervention

Method of measurement

Questionnaire

8

Description

Knowledge

Timepoint

Before and After the Intervention

Method of measurement

Questionnaire

Intervention groups

1

Description

Intervention Group: After the pre-test in both groups, Mothers in the intervention group will be invited to participate in four educational sessions (during Two weeks). Educational program will be hold based on health belief model, Speeches, group discussions, Pamphlets and educational video.

Category

Prevention

2

Description

Control Group: no intervention.

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Babol Health Center

Full name of responsible person

Mahboobeh Khorsandi

Street address

Bagh Ferdos Square

City

Babol

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Arak University of Medical Sciences

Full name of responsible person

Mohammad Rafiee

Street address

Arak University of Medical Sciences, Basij Square, Sardashat

City

Arak

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

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

Arak University of Medical Sciences

Full name of responsible person

Nayyereh Mohammadzadeh Larijani

Position

Msc

Other areas of specialty/work

Street address

Department of Public Health, Golestan alley, Mustafa Khomeini complex

City

Arak

Postal code

6571678884

Phone

+98 86 3368 4615

Fax

+98 86 3368 6443

Email

mohammadzadeh@arakmu.ac.ir;
mohsenpasha66@yahoo.com

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Arak University of Medical Sciences

Full name of responsible person

Mahboobeh Khorsandi

Position

PHD

Other areas of specialty/work

Street address

Department of Public Health, Golestan alley, Mustafa Khomeini complex

City

Arak

Postal code

3819693345

Phone

+98 86 3368 4615

Fax

+98 86 3368 6443

Email

dr.khorsandi@arakmu.ac.ir;

khorsandi_mahboobeh@yahoo.com

Web page address

Phone

+98 86 3368 4615

Fax

+98 86 3368 6443

Email

mohammadzadeh@arakmu.ac.ir;

mohsenpasha66@yahoo.com

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Arak University of Medical Sciences

Full name of responsible person

Nayyereh Mohammadzadeh Larijani

Position

Msc

Other areas of specialty/work

Street address

Department of Public Health, Golestan alley, Mustafa
Khomeini complex

City

Arak

Postal code

3819693345

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