Clinical Trial Protocol
Iranian Registry of Clinical Trials

17 Sep 2026

Comparison of the effect of education through social network and face to face on the awareness and caring behaviors in mothers of children with urinary tract infection

Protocol summary

Study aim

Providing a simple and useful executive solution to raise of awareness and motivate the use of caring behaviors in mothers of children with urinary tract infection.

Design

Clinical trials without control group, single blind, uncontrolled placebo, multi-centered, one stage of trial.

Settings and conduct

The present study will be conducted at Amir Kabir Hospital and Emam Reza Clinic in Arak and samples will not know how to place the samples in the intervention and control group.

Participants/Inclusion and exclusion criteria

Inclusion criteria: The desire to participate in the study Diagnosis of childhood urinary tract infection by a specialist Reading and writing skills Having a mobile phone equipped with Telegram software Exclusion criteria: Unwilling to participate in research Other illnesses leading to hospitalization No refer to the physician to follow the training program

Intervention groups

In both groups, before the intervention, the method, goals, and confidentiality of the individual information of the participants are explained to them and informed consent is obtained. Then, both groups completed demographic information questionnaire, maternal awareness questionnaire and maternal care behaviors questionnaire. First intervention group: After completing the first stage questionnaire, mothers will have a face-to-face training session for 45 minutes each person-to-person with a pamphlet summarizing the educational content. Second intervention group: The group will receive similar training through telegram messages within three days and they will be required to inform the researcher about the daily receipt and viewing of messages through a message.

Main outcome variables

awareness and caring behaviors in mothers of children with urinary tract infection

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20171111037377N2**
Registration date: **2018-02-27, 1396/12/08**
Registration timing: **registered_while_recruiting**

Last update: **2018-02-27, 1396/12/08**
Update count: **0**

Registration date

2018-02-27, 1396/12/08

Registrant information

Name

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 86 3417 3502

Email address

z.zeinali@arakmu.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2017-12-01, 1396/09/10

Expected recruitment end date

2018-03-01, 1396/12/10

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date
empty

Scientific title
Comparison of the effect of education through social network and face to face on the awareness and caring behaviors in mothers of children with urinary tract infection

Public title
Comparison of the effect of education through social network and face to face on the awareness and caring behaviors in mothers of children with urinary tract infection

Purpose
Supportive

Inclusion/Exclusion criteria
Inclusion criteria:
Inclination to participate in the study Diagnosis of childhood urinary tract infection by a specialist; Reading and writing skills Not having mental illness or physical problems Unemployment as health care personnel Having a cell phone equipped with Telegram software Not attending similar training classes
Exclusion criteria:
Unwilling to continue of research Exit from the city and lack of access Failure to complete the second stage of questionnaire No refer to the physician to follow the training program Other illnesses leading to hospitalization

Age
No age limit

Gender
Female

Phase
N/A

Groups that have been masked

- Participant

Sample size
Target sample size: **86**

Randomization (investigator's opinion)
Randomized

Randomization description
The samples are divided into intervention and control groups using randomized block allocation method.

Blinding (investigator's opinion)
Single blinded

Blinding description
Initially, the purpose of the study and how it is done for the samples is described, but the samples will not know how to allocate to the intervention and control groups

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
Aalam al-Hoda St, Rah ahan Sq
City
Arak
Province
Markazi
Postal code
3819693345

Approval date
2017-11-26, 1396/09/05

Ethics committee reference number
IR.ARAKMU.REC.1396.182

Health conditions studied

1

Description of health condition studied
Urinary tract infection

ICD-10 code
N39.0

ICD-10 code description
Urinary tract infection, site not specified

Primary outcomes

1

Description
Awareness and caring behaviors in mothers of children with urinary tract infection

Timepoint
Before intervention and one month after intervention

Method of measurement
Mothers Awareness Questionnaire and Mothers' Care Behaviors Questionnaire

Secondary outcomes

empty

Intervention groups

1

Description
First intervention group: After completing the first stage questionnaire, mothers will have a face-to-face training session for 45 minutes each person-to-person with a pamphlet summarizing the educational content.

Category
Lifestyle

2

Description
Second intervention group: The group will receive similar training through telegram messages within three days and they will be required to inform the researcher about the daily receipt and viewing of messages through a message.

Category
Lifestyle

Recruitment centers

1

Recruitment center

Name of recruitment center
Amir kabir Hospital in Arak

Full name of responsible person
Dr. Alireza Kamali

Street address
Alam-alhoda St, Rah ahan Sq

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2

Recruitment center

Name of recruitment center
Emam Reza Clinic

Full name of responsible person
Seyed Morteza Navabi

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Khorram St,

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manager_clinic@arakmu.ac.ir

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Arak University of Medical Sciences

Full name of responsible person
Dr. Mohammad Argmandzadegan

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Basij Sq, Sardasht Region

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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
Zahra Zeinali

Position
MSc Student of Nursing

Latest degree
Bachelor

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Nursery

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Person responsible for updating data

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Sharing plan

Deidentified Individual Participant Data Set (IPD)
Yes - There is a plan to make this available
Study Protocol
Yes - There is a plan to make this available
Statistical Analysis Plan
Not applicable
Informed Consent Form
Yes - There is a plan to make this available
Clinical Study Report
Not applicable
Analytic Code
Not applicable
Data Dictionary
Not applicable
Title and more details about the data/document
Part of the data, such as information on the main outcome and the demographic information, can be shared after unidentifiable of people.
When the data will become available and for how long
The beginning of the access period is 24 months after the results are published.
To whom data/document is available
All people
Under which criteria data/document could be used
In order to utilize scientific purposes and mention the source used.
From where data/document is obtainable
Zahra Zeinali, MSc of Nursing, Faculty of Nursing and Midwifery, Arak University of Medical Sciences, Arak, Iran. E-mail address: zeynali287@yahoo.com
What processes are involved for a request to access data/document
After receiving the email from the requester, the information will be sent within 1 business week.
Comments