

Clinical Trial Protocol

Iranian Registry of Clinical Trials

31 Jul 2026

Comparing the effect of education based and routine care on theory of planned behavior on Practices Preventing urinary infection in pregnant women referred to health centers of karaj

Protocol summary

Summary

This study aims at investigating the effect of education based on theory of planned behavior on practices preventing urinary tract infection in pregnant women referred to health centers of karaj. This study is a randomized controlled clinical trial (RCT) and stage sampling method was used to select simple random sampling and are assigned to intervention and control groups. The sample of study is 110 pregnant women (intervention group (n=55) and control group (n=55) randomly). The data are gathered via a researcher-made questionnaire whose validity and reliability are assured in advance. Inclusion criterion: women in the first trimester, their consent to participate in the study and a study center for health records, no history of urinary tract infection. Exclusion criterion: emigration, abortion, lack of satisfactory participation in the study and the continuing absence of pregnant women in training sessions (absence of more than one session). The educational intervention for the intervention group is group discussions and lectures during the three training sessions, each lasting 60 minutes and presenting an educational brochure. The control group receive their routine education. The primary outcome measure is prevention of urinary tract infection.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2014071518489N1**
Registration date: **2014-12-21, 1393/09/30**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2014-12-21, 1393/09/30

Registrant information

Name

Marzieh Jalali

Name of organization / entity

Arak University of Medical Sciences Department of Public Health

Country

Iran (Islamic Republic of)

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+98 86 3368 4615

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Recruitment status

Recruitment complete

Funding source

Arak University of Medical Sciences

Expected recruitment start date

2013-04-04, 1392/01/15

Expected recruitment end date

2013-05-05, 1392/02/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparing the effect of education based and routine care on theory of planned behavior on Practices Preventing urinary infection in pregnant women referred to health centers of karaj

Public title

The effect of education on practices Preventing of urinary tract infection in pregnant women

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: women in the first trimester, their consent to participate in the study, having studied at the center of health records, no history of urinary tract infection. Exclusion criteria: emigration, abortion, lack of satisfactory participation in the study and the continuing absence of pregnant women in training sessions (absence of more than one session).

Age

No age limit

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 110

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**

Ethics Committee of Arak University of Medical Sciences

Street address

Department of Education and Research, Pardis Educational Complex, Basij Square, Sardasht, Arak

City

Arak

Postal code

38481-7-6941

Approval date

2012-12-03, 1391/09/13

Ethics committee reference number

91/138/4

Health conditions studied**1****Description of health condition studied**

urinary tract infection

ICD-10 code

c64, c65,

ICD-10 code description

Urinary Tract Infection

Primary outcomes**1****Description**

practices preventing of urinary tract infection

Timepoint

immediately before intervention and three months after intervention

Method of measurement

a researcher-made questionnaire

Secondary outcomes

empty

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

Intervention Group: The educational intervention is group discussions and lectures during the three training sessions, each lasting 60 minutes and presenting an educational brochure

Category

Prevention

2**Description**

Control Group: The control group will receive their routine education.

Category

N/A

Recruitment centers**1****Recruitment center****Name of recruitment center**

karaj Health Centers

Full name of responsible person

Dr. Shamsi Mohsen

Street address

Department of Public Health, Golestan, Mustafa Khomeini, Arak

City

Arak

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research, Arak University of Medical Sciences

Full name of responsible person

Dr Hekmatpou Davood

Street address

Vice chancellor for research, Arak University of Medical Sciences, Pardis Educational complex, Basij Square, Sardashat, Arak

City

Arak

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

Vice chancellor for research, 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

Department of Public Health, Arak University of Medical Sciences

Full name of responsible person

Jalali Marzieh

Position

MSC

Other areas of specialty/work

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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