

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

29 Jul 2026

### Effect of health education based on the Health Belief Model on promotion Preventive behaviors of vaginal infection in pregnant women

#### Protocol summary

##### Summary

. This quasi-experimental study was carried out with the participation of 200 pregnant women to come to (visit) Urban health centers in Bushehr . The study aimed to examine effect of health education based on the Health Belief Model on promotion Preventive behaviors of vaginal infection in pregnant women. Inclusion criteria included: a minimum literac; lack of self- reported Vaginitis ; gestational age 13 to 32 weeks and had low-risk pregnancy. Exclusion criteria included : the unwillingness of people to continue to participate in the study and was absence of a training session. Eligible pregnant women were randomly allocated to intervention group (n=100) who received the education program based Health Belief Model and control group (n=100) who don't received education Except prenatal care. Random sampling was continuous . Two training sessions for the intervention group was held on the basis of the Health Belief Model. After the training sessions booklet and pamphlet provides both intervention and control groups . After 6 weeks, a second questionnaire was completed by both groups .

#### General information

##### Acronym

HBM

##### IRCT registration information

IRCT registration number: **IRCT201509204785N18**

Registration date: **2016-04-26, 1395/02/07**

Registration timing: **retrospective**

Last update:

Update count: **0**

##### Registration date

2016-04-26, 1395/02/07

##### Registrant information

##### Name

Seyedeh Tahereh Mirmolaei

##### Name of organization / entity

Nursing and Midwifery Faculty - Tehran University of Medical Sciences

##### Country

Iran (Islamic Republic of)

##### Phone

00982166927171- 00982166937120

##### Email address

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##### Recruitment status

**Recruitment complete**

##### Funding source

Tehran University of Medical Sciences

##### Expected recruitment start date

2014-09-23, 1393/07/01

##### 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

Effect of health education based on the Health Belief Model on promotion Preventive behaviors of vaginal infection in pregnant women

##### Public title

The effect of education on behavior

##### Purpose

Prevention

##### Inclusion/Exclusion criteria

Inclusion criteria:have at least read and write;13 to 32 weeks gestational age; low-risk pregnancy;The lack of vaginitis Exclusion criteria :Failure to attend a training session;The unwillingness of people to continue 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: **200**

**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**

Tehran University of Medical Sciences

**Street address**

Nursing and Midwifery Faculty - Tehran University of  
Medical Sciences

**City**

Tehran

**Postal code**

**Approval date**

2014-04-14, 1393/01/25

**Ethics committee reference number**

93-01-25-25215-111382

## Health conditions studied

### 1

**Description of health condition studied**

vaginal infection

**ICD-10 code**

P01.1

**ICD-10 code description**

Fetus and newborn affected by premature rupture of  
membranes

## Primary outcomes

### 1

**Description**

Behavior

**Timepoint**

6 weeks after intervention

**Method of measurement**

Questionnaire

## Secondary outcomes

### 1

**Description**

Knowledge

**Timepoint**

At baseline and 6 weeks after intervention

**Method of measurement**

Questionare

## Intervention groups

### 1

**Description**

In the intervention group were given two training  
sessions on Health Belief Model and then boklet and  
pamphlets made using the Health Belief Model was  
delivered to the intervention group .intervention group  
also received routine perinatal care

**Category**

Behavior

### 2

**Description**

In the control group only booklet and pamphlet was  
delivered and was receiving routine prenatal care .

**Category**

Behavior

## Recruitment centers

### 1

**Recruitment center**

**Name of recruitment center**

Nbie Akram Medical Health Center

**Full name of responsible person**

Maryam Baharestani

**Street address**

Business alley, Motahari street, boshar

**City**

Bushehr

### 2

**Recruitment center**

**Name of recruitment center**

Khybar Medical Health Center

**Full name of responsible person**

Hassane Dareshori

|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Street address</b><br>Khybar alley, Ashori street, Bushehr<br><b>City</b><br>Bushehr                                                                                                                                                                                        | Bushehr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <u><b>3</b></u><br><b>Recruitment center</b><br><b>Name of recruitment center</b><br>Hafta Tir Medical Health Center<br><b>Full name of responsible person</b><br>Zinate Sarkhosh<br><b>Street address</b><br>Hafta Tir alley,Sangi street, bosher<br><b>City</b><br>Bushehr   | <u><b>8</b></u><br><b>Recruitment center</b><br><b>Name of recruitment center</b><br>Ali Ebne Abitaleb Medical Health Center<br><b>Full name of responsible person</b><br>Sodabe Zalpour<br><b>Street address</b><br>Koti quarter, Bushehr<br><b>City</b><br>Bushehr                                                                                                                                                                                                                                                                                                                                                                                                                |
| <u><b>4</b></u><br><b>Recruitment center</b><br><b>Name of recruitment center</b><br>Shahid Beheshti Medical Health Center<br><b>Full name of responsible person</b><br>Ketayon Alibashi<br><b>Street address</b><br>Khageha<br><b>City</b><br>Bushehr                         | <u><b>9</b></u><br><b>Recruitment center</b><br><b>Name of recruitment center</b><br>Sahebalzeman Medical Health Center<br><b>Full name of responsible person</b><br>Rahime Galilvand<br><b>Street address</b><br>Solhabad Street.Bushehr<br><b>City</b><br>Bushehr                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <u><b>5</b></u><br><b>Recruitment center</b><br><b>Name of recruitment center</b><br>Shohada Medical Health Center<br><b>Full name of responsible person</b><br>Sahame Ale Kasire Farhani<br><b>Street address</b><br>Beheshte Sadegh street.Bushehr<br><b>City</b><br>Bushehr | <u><b>10</b></u><br><b>Recruitment center</b><br><b>Name of recruitment center</b><br>Mehrag Medical Health Center<br><b>Full name of responsible person</b><br>Azare Tabarestani<br><b>Street address</b><br>Ashori street.Bushehr<br><b>City</b><br>Bushehr                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <u><b>6</b></u><br><b>Recruitment center</b><br><b>Name of recruitment center</b><br>Ghods Medical Health Center<br><b>Full name of responsible person</b><br>Lila Savameri<br><b>Street address</b><br>Sabzabad street, bosher<br><b>City</b><br>Bushehr                      | <b>Sponsors / Funding sources</b><br><u><b>1</b></u><br><b>Sponsor</b><br><b>Name of organization / entity</b><br>Tehran University of Medical Sciences<br><b>Full name of responsible person</b><br>Masoude yonesian Dr<br><b>Street address</b><br>Deputy of research and technology-6th floor - Ghods street - Keshavarz Bolvar<br><b>City</b><br>Tehran<br><b>Grant name</b><br><b>Grant code / Reference number</b><br><b>Is the source of funding the same sponsor organization/entity?</b><br>Yes<br><b>Title of funding source</b><br>Tehran University of Medical Sciences<br><b>Proportion provided by this source</b><br>100<br><b>Public or private sector</b><br>empty |
| <u><b>7</b></u><br><b>Recruitment center</b><br><b>Name of recruitment center</b><br>Hazrate Zinab Medical Health Center<br><b>Full name of responsible person</b><br>Farzane Agha<br><b>Street address</b><br>Davas street,Bousher<br><b>City</b>                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

**Domestic or foreign origin***empty***Category of foreign source of funding***empty***Country of origin****Type of organization providing the funding***empty*

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Masters/Faculty member

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**Postal code****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*