

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

07 Jun 2026

### The Effect of Educational intervention based on the theory of planned behavior on the childbearing intention of single child women of Farouj city in1396

#### Protocol summary

##### Study aim

Determining The Effect of Educational intervention based on theory of planned behavior on the childbearing intention in single child women of Farouj city

##### Design

This research is a semi experimental study. The statistical population of this study is single child women aged 15-40 years. The sample size is 330 which is determined, with a probability of dropping 396. In the intervention section, a random sampling method is used.

##### Settings and conduct

This study is conducted in Farouj city.

##### Participants/Inclusion and exclusion criteria

Criteria for entering : willingness to participate in the study; having a child aged at least 1 year, 11 months and 29 days; Ability to read and write; Residence in Farouj city; Iranian nationality; Not having a contraindication for re pregnancy and having fertility. Criteria for Exit : For any reason they are unable to answer questions; Absence in more than 1 training sessions

##### Intervention groups

The control group does not receive educational intervention. In the test group, educational intervention is based on the studying model on the childbearing intention of single child women.

##### Main outcome variables

Attitude, subjective norms, perceived behavioral control, behavioral intention

#### General information

##### Reason for update

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT20160710028863N32**  
Registration date: **2018-07-31, 1397/05/09**

Registration timing: **retrospective**

Last update: **2018-07-31, 1397/05/09**

Update count: **0**

##### Registration date

2018-07-31, 1397/05/09

##### Registrant information

###### Name

Nooshin Peyman

###### Name of organization / entity

Mashhad University of Medical Sciences

###### Country

Iran (Islamic Republic of)

###### Phone

+98 915 502 6195

###### Email address

peymann@mums.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

##### Expected recruitment start date

2018-02-20, 1396/12/01

##### Expected recruitment end date

2018-03-11, 1396/12/20

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

The Effect of Educational intervention based on the theory of planned behavior on the childbearing intention of single child women of Farouj city in1396

##### Public title

The effect of education on the intention of childbearing in single child women

#### **Purpose**

Education/Guidance

#### **Inclusion/Exclusion criteria**

##### **Inclusion criteria:**

Willingness to participate in the study To have A child aged at least one year,11 months and 29 days Ability to read and write Residence in Farouj city Iranian nationality Not having a contraindication for Repregnancy and having fertility

##### **Exclusion criteria:**

For any reason, they are unable to answer questions  
Absence in more than 1 training sessions

#### **Age**

From **15 years** old to **40 years** old

#### **Gender**

Female

#### **Phase**

N/A

#### **Groups that have been masked**

*No information*

#### **Sample size**

Target sample size: **140**

#### **Randomization (investigator's opinion)**

Randomized

#### **Randomization description**

(70 in the control group and 70 in the intervention group): Two centers of comprehensive centers of health services are selected by stage random sampling method and then Two health houses of a subset of each center are selected as the control and intervention group.

#### **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 Mashhad University of Medical Sciences

##### **Street address**

School of Health, Daneshgah18 , Daneshgah Avenue, Mashhad

##### **City**

Mashhad

##### **Province**

Razavi Khorasan

##### **Postal code**

9137673119

#### **Approval date**

2018-04-21, 1397/02/01

#### **Ethics committee reference number**

IR.MUMS.REC.1397.012

## **Health conditions studied**

### **1**

#### **Description of health condition studied**

The intention of childbearing in single child women

#### **ICD-10 code**

#### **ICD-10 code description**

## **Primary outcomes**

### **1**

#### **Description**

Childbearing intention

#### **Timepoint**

Before, immediately and 3 months after the intervention

#### **Method of measurement**

Researcher-made inventory of planned behavioral questionnaires

## **Secondary outcomes**

### **1**

#### **Description**

Attitude, subjective norms, perceived behavioral control, behavioral intention

#### **Timepoint**

Before, immediately and 3 months after the intervention

#### **Method of measurement**

A researcher-made questionnaire designed for behavioral constructs, Miller's fertility motivation questionnaire

## **Intervention groups**

### **1**

#### **Description**

Intervention group: Educational intervention will be based on the constructive structures of the theory of planned behavior. So, That will be determined according to the data obtained through the descriptive study, the number of sessions, their duration and content and the educational method. To assess the effect of educational intervention, the questionnaires will be completed again immediately and 3 months after the intervention.

#### **Category**

Behavior

### **2**

#### **Description**

Control group: This group will not receive any intervention.

#### **Category**

Behavior

## Recruitment centers

### 1

#### Recruitment center

**Name of recruitment center**

Comprehensive Health Services Centers

**Full name of responsible person**

Nooshin Peyman

**Street address**

Daneshgah Avenue, School of Health

**City**

Mashhad

**Province**

Razavi Khorasan

**Postal code**

9137673119

**Phone**

+98 51 3851 4548

**Fax**

+98 51 3852 2775

**Email**

Peymann@mums.ac.ir

## Sponsors / Funding sources

### 1

#### Sponsor

**Name of organization / entity**

Mashhad University of Medical Sciences

**Full name of responsible person**

Nooshin Peyman

**Street address**

Daneshgah Avenue, School of Health

**City**

Mashhad

**Province**

Razavi Khorasan

**Postal code**

9137673119

**Phone**

+98 51 3851 4548

**Fax**

+98 51 3852 2775

**Email**

Peymann@mums.ac.ir

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

Yes

**Title of funding source**

Mashhad 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**

Mashhad University of Medical Sciences

**Full name of responsible person**

Nooshin Peyman

**Position**

PhD in Health Education building community health

**Latest degree**

Ph.D.

**Other areas of specialty/work**

Health Promotion

**Street address**

School of Health, Daneshgah18, Daneshgah Ave.,  
Mashhad

**City**

Mashhad

**Province**

Razavi Khorasan

**Postal code**

9137673119

**Phone**

+98 51 3852 2775

**Fax**

+98 51 3851 5116

**Email**

peymann@mums.ac.ir

**Web page address**

<http://hehpdept.mums.ac.ir>

## Person responsible for scientific inquiries

#### Contact

**Name of organization / entity**

Mashhad University of Medical Sciences

**Full name of responsible person**

Nooshin Peyman

**Position**

Associate Professor

**Latest degree**

Ph.D.

**Other areas of specialty/work**

Health Promotion

**Street address**

Daneshgah Avenue, School of Health

**City**

Mashhad

**Province**

Razavi Khorasan

**Postal code**

9137673119

**Phone**

+98 51 3851 4548

**Fax**

+98 51 3852 2775

**Email**

Peymann@mums.ac.ir

**Web page address**

<http://hehpdept.mums.ac.ir>

## 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**

Yes - There is a plan to make this available

**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**

Potential data is sharable after distinguishing people.

**When the data will become available and for how long**

Start the access period one month after the results is published.

**To whom data/document is available**

The researchers who work at the university.

**Under which criteria data/document could be used**

The data is sent via an official request and via email.

**From where data/document is obtainable**

Dr. Nooshin Peyman. Peymann@mums.ac.ir

**What processes are involved for a request to access data/document**

The data is sent via an official request and via email.

**Comments**

## Person responsible for updating data

**Contact**

**Name of organization / entity**

Mashhad University of Medical Sciences

**Full name of responsible person**

Nooshin Peyman

**Position**

PhD in Health Education and Health Promotion

**Latest degree**

Ph.D.

**Other areas of specialty/work**

Health Promotion

**Street address**

School of Health, Daneshgah18, Danshgah Avenue,  
Mashhad

**City**

Mashhad

**Province**

Razavi Khorasan

**Postal code**

9137673119

**Phone**

+98 51 3854 4633

**Fax**

+98 51 3851 5116

**Email**

peymann@mums.ac.ir

**Web page address**