

Clinical Trial Protocol

Iranian Registry of Clinical Trials

22 Aug 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

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Mashhad University of Medical Sciences

Full name of responsible person

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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

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

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Person responsible for scientific inquiries

Contact

Name of organization / entity

Mashhad University of Medical Sciences

Full name of responsible person

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Position

Associate Professor

Latest degree

Ph.D.

Other areas of specialty/work

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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

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

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