Clinical Trial Protocol
Iranian Registry of Clinical Trials

08 Nov 2026

Investigating the effect of the educational intervention on the propensity to have children in married women of reproductive age in Neyshabur city in 2023

Protocol summary

Study aim
The effect of educational intervention on the Childbearing Intention in married women

Design
using a computer-generated random number sequence (www.randomizer.org) with a 1:1 allocation ratio and a block size of 4. Allocation concealment was ensured by using sequentially numbered, opaque, sealed envelopes prepared.96 persson in each group

Settings and conduct
This research conducted in selected comprehensive health centers of Neyshabur , and sampling will be done using a quota method. Participants: all women of reproductive age between 15–49 years , visit comprehensive health centers. After randomly assigning individuals to control and intervention groups, and following the completion of a written informed consent form, a demographic information form and a questionnaire on the tendency toward childbearing will be administered to both groups of women. Then, among women who receive a lower score on the tendency toward childbearing, they will be invited to participate in the study if they wish,

Participants/Inclusion and exclusion criteria
Written informed consent, age 15 to 49 years, Iranian nationality, married, fewer than 4 children, no history of medical conditions, no use of psychoactive drugs, cigarettes, or alcohol, no depression, no disorders that would make pregnancy high-risk, health record.

Intervention groups
Participants in the intervention group received a structured educational program consisting of four 60-minute sessions held over two weeks

Main outcome variables
Tendency toward childbearing / Fertility desire · Interval between marriage and first childbirth · Duration of marriage · Sex of children (or Gender of children) · Type of delivery (e.g., vaginal / C-section) · Economic status

General information

Reason for update

Acronym

IRCT registration information
IRCT registration number: **IRCT20260510069337N1**
Registration date: **2026-05-14, 1405/02/24**
Registration timing: **prospective**

Last update: **2026-05-14, 1405/02/24**
Update count: **0**

Registration date
2026-05-14, 1405/02/24

Registrant information

Name
Mahboobe Gholami

Name of organization / entity
Neyshabur University Of Medical Sciences

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Recruitment status
recruiting

Funding source

Expected recruitment start date
2026-06-10, 1405/03/20

Expected recruitment end date
2027-06-10, 1406/03/20

Actual recruitment start date
empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Investigating the effect of the educational intervention on the propensity to have children in married women of reproductive age in Neyshabur city in 2023

Public title

effect of the educational intervention on the propensity to have children

Purpose

Basic scienece

Inclusion/Exclusion criteria

Inclusion criteria:

Written informed consent age 15 to 49 years, Iranian nationality married, fewer than 4 children no history of medical conditions no use of psychoactive drugs, cigarettes, or alcohol no depression no disorders that would make pregnancy high-risk having a health record.

Exclusion criteria:

unwillingness to continue participating in the research absence from more than one session of the fertility education sessions.

Age

From **15 years** old to **49 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **196**

Randomization (investigator's opinion)

Randomized

Randomization description

Eligible and willing participants were randomly assigned to either the intervention or control group using a computer-generated random number sequence (www.randomizer.org) with a 1:1 allocation ratio and a block size of 4. Allocation concealment was ensured by using sequentially numbered, opaque, sealed envelopes prepared by an independent researcher who was not involved in participant recruitment or outcome assessment. The envelopes were opened by a research assistant only after the participant had completed the baseline questionnaire and just before the intervention began

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Other

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Neyshabur University of Medical Sciences

Street address

ImamKhomeini27 Avenue

City

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Province

Razavi Khorasan

Postal code

9313867539

Approval date

2026-05-12, 1405/02/22

Ethics committee reference number

IR.NUMS.REC.1403.034

Health conditions studied

1

Description of health condition studied

Fertility Desire

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

Fertility Desire

Timepoint

at baseline, immediately post-intervention, and at three-month follow-up

Method of measurement

Fertility Tendency Questionnaire Enayat

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: The educational content, validated by a panel of ten national experts in population and fertility studies, was based on the Health Belief Model constructs (perceived benefits, perceived barriers, self-efficacy, cues to action). Topics included: disadvantages of single-child families, advantages of having multiple children, benefits of pregnancy and breastfeeding for maternal health, positive impacts of childbearing on family cohesion, and correcting common misconceptions about pregnancy and childbirth risks

Category

Behavior

Recruitment centers

1

Recruitment center

Name of recruitment center
Neyshabur university of Medical Sciences
Full name of responsible person
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Sponsors / Funding sources

1

Sponsor

Name of organization / entity
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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
Neyshabour 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
Neyshabour University of Medical Sciences
Full name of responsible person
Mahboobe Gholami
Position
Assisstant Professor
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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
Yes - There is a plan to make this available
Informed Consent Form
No - There is not a plan to make this available
Clinical Study Report
Yes - There is a plan to make this available
Analytic Code
No - There is not a plan to make this available
Data Dictionary
No - There is not a plan to make this available
Title and more details about the data/document
"All data can be shared after de-identifying individuals."
When the data will become available and for how long
6 months after publication
To whom data/document is available
Researchers working in academic and scientific institutions
Under which criteria data/document could be used
There are no other conditions
From where data/document is obtainable
Gholamim26279@gmail.com Mahboobe Gholami
What processes are involved for a request to access data/document
The applicant should send a request email along with their details; the research deputy should give permission, and the data should be emailed to them."
Comments