Clinical Trial Protocol
Iranian Registry of Clinical Trials

16 Sep 2026

The effect of an educational program on childbearing intention in women referring to comprehensive health centers

Protocol summary

Study aim

Determining the effect of an educational program on childbearing intention in women referring to comprehensive health centers in Koohdasht city in the condition of Covid pandemic 19

Design

Clinical trial with a control group, randomized, phase 2 on 80 women referred to comprehensive health centers. Numbered cards were used for randomization.

Settings and conduct

According to the conditions of covid-19, first the test group will be divided into four groups of 10 people and the intervention program will be taught during 3 sessions while observing social distancing in a large educational space in the health center of Kohdasht city. The first session included discussions related to the importance and benefits of having children and its relationship with the mother's age and explanations about the covid-19 pandemic, the second session included discussions such as healthy lifestyles and the consequences and problems of single children, and the third session included discussions such as training and pregnancy care.

Participants/Inclusion and exclusion criteria

Inclusion criteria: 1. Age between 18 and 45 years. 2. No known mental disorders as well as other physical disorders 3. Not currently pregnant. Exclusion criteria: 1. Reluctance to continue cooperation in research. 2. Having more than two sessions of absence during the training course. 3. Get pregnant during training sessions.

Intervention groups

Intervention group: The intervention program will be taught to the women of the intervention group in 3 sessions. Control group: do not receive any training.

Main outcome variables

Individuals' scores on the Attitude to Fertility and Childbearing Scale psychometered by Baezat et al.

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20220515054859N1**
Registration date: **2022-07-29, 1401/05/07**
Registration timing: **registered_while_recruiting**

Last update: **2022-07-29, 1401/05/07**
Update count: **0**

Registration date

2022-07-29, 1401/05/07

Registrant information

Name

somayeh seifi

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 66 3262 7887

Email address

somayeh.seifi63@gmail.com

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2022-07-21, 1401/04/30

Expected recruitment end date

2022-09-21, 1401/06/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of an educational program on childbearing intention in women referring to comprehensive health centers

Public title
Effect of an Educational Program on Childbearing Intention
Purpose
Education/Guidance
Inclusion/Exclusion criteria
Inclusion criteria:
1. The person has a desire to participate in research. 2. Be between 18 and 45 years old. 3. The person (based on the opinion of the treating physician and the medical record) has no known mental disorders as well as other physical disorders in a way that causes dysfunction. 4. Have at least elementary education (depending on the nature of the intervention program), be able to communicate. 5. Have not participated in educational sessions before and now (any other research in the field of relevant study and intention to have children and its teachings). 6. Have Iranian nationality. 7. Not currently pregnant.
Exclusion criteria:
1. Reluctance to continue cooperation in research. 2. Having more than two sessions of absence during the training course. 3. Creating severe stressful events during the intervention. 4. Existence of any physical or mental problems in such a way that he is not able to participate in the study. 5. Get pregnant during training sessions.
Age
From **18 years** old to **45 years** old
Gender
Female

Phase
N/A
Groups that have been masked
No information
Sample size
Target sample size: **80**
Randomization (investigator's opinion)
Randomized
Randomization description
Samples will be randomly divided into two groups of 40 test and control. In this way, 40 cards with number one and 40 cards with number two will be placed in a sealed envelope and on the day of random division of research units, they will be asked to choose one card. People who are assigned number one will be in the test group and people who will be assigned the number 2 will be in the control group.
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 isfahan University of Medical Sciences
Street address
Hezar Jarib Street, Isfahan.
City
isfahan
Province
Isfehan
Postal code
7346181746
Approval date
2021-05-16, 1400/02/26
Ethics committee reference number
IR.MUI.RESEARCH.REC.1400.120

Health conditions studied

1

Description of health condition studied
Intention to have children
ICD-10 code
ICD-10 code description

Primary outcomes

1

Description
Individuals' scores on the Attitude to Fertility and Childbearing Scale psychometered by Baezat et al.
Timepoint
Before intervention and after intervention
Method of measurement
Attitude to Fertility and Childbearing Scale psychometered by Baezat et al.

Secondary outcomes

empty

Intervention groups

1

Description
Intervention group: After identifying the groups and completing the questionnaires (pre-test), the intervention program will be taught to the women in the test group in 3 sessions. Thus, according to the conditions of Covid 19, first, the experimental group will be divided into four groups of 10 people and will be

trained by observing social distance in a large training space. The educational space will be disinfected before and after the class. The first session includes: - The importance of having children from a sociological and psychological point of view (emotions and feelings of being a mother) - Awareness of the benefits of having children - The relationship between mother's age and having children - Consequences of delay in having children and delay in having the first child - Pandemic of Covid-19 The second session includes: - healthy lifestyle - the consequences and problems of single children - the consequences of the age gap between parents and children and the third session includes: - pre-pregnancy training to reduce people's worries and fears - the right time for pregnancy - training on pregnancy symptoms and how to deal with An- Correct pregnancy care for having children.

Category

Behavior

2

Description

Control group: They do not receive any training or intervention

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Razi Health Center of Kuhdasht

Full name of responsible person

Zahra Fazeli

Street address

No. 8, Esmat street, 30 meters second, Shahid Rajaei town,Kuhdasht.

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Esfahan 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

Esfahan University of Medical Sciences

Proportion provided by this source

10

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

Esfahan University of Medical Sciences

Full name of responsible person

Zahra Boroumandfar

Position

Assistant Professor of Midwifery and Reproductive Health

Latest degree

Ph.D.

Other areas of specialty/work

Family Health

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Person responsible for scientific inquiries

Contact

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Person responsible for updating data

Contact

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Full name of responsible person
Somayeh Sadat Seifi
Position
Master student of public health
Latest degree
Master
Other areas of specialty/work
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Sharing plan

Deidentified Individual Participant Data Set (IPD)
No - There is not a plan to make this available
Justification/reason for indecision/not sharing IPD
There is no more information
Study Protocol
No - There is not a plan to make this available
Statistical Analysis Plan
No - There is not a plan to make this available
Informed Consent Form
No - There is not a plan to make this available
Clinical Study Report
No - There is not 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