

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

Investigating the effect of Motivational interviewing on the Attitude and Intention to childbearing of female healthcare personnel

Protocol summary

Study aim

Determining the effect of Motivational interviewing on the Attitude and Intention to childbearing of female healthcare personnel

Design

This study is a parallel randomized clinical trial in the form of pre-test, post-test and one-month follow-up, in which 56 eligible participants will be selected by random and purpose-based sampling and will be randomly assigned to two intervention and control groups.

Settings and conduct

The intervention in Feridounshahr health and treatment network will be held during 5 sessions of 45 minutes and in 5 consecutive weeks.

Participants/Inclusion and exclusion criteria

Inclusion criteria: Female healthcare personnel of reproductive age (15 to 49 years), Having informed consent to participate in the study, Being married, Having no children or having one or two children, Use of contraceptive methods, Not having primary or secondary infertility. Exclusion criteria: Participation in the relevant training course during the study, The presence of absolute contraindications for pregnancy, Suffering from mental illnesses, Using any tobacco and drugs and drinking alcohol, Occurrence of stressful events during the last 6 months.

Intervention groups

In the intervention group, counseling is done based on Motivational interview during 5 sessions of 45 minutes and weekly and online and they will also be provided with an educational pamphlet on childbearing. Also, the intervention group is invited to participate in the first and second session in person at Feraydunshahr Health and Treatment Network. The control group will be given an educational pamphlet with the content of childbearing and its benefits, the consequences of delaying childbearing, and childbearing facilities according to the population youth law.

Main outcome variables

Change in mean scores of childbearing intention in reproductive age women

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20230308057654N1**

Registration date: **2023-03-16, 1401/12/25**

Registration timing: **prospective**

Last update: **2023-03-16, 1401/12/25**

Update count: **0**

Registration date

2023-03-16, 1401/12/25

Registrant information

Name

Akram Rahimi

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 31 5262 2533

Email address

a.rahimi@stu.ssu.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2023-04-09, 1402/01/20

Expected recruitment end date

2023-08-11, 1402/05/20

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Investigating the effect of Motivational interviewing on the Attitude and Intention to childbearing of female healthcare personnel

Public title

Investigating the effect of Motivational interviewing on the Attitude and Intention to childbearing

Purpose

Education/Guidance

Inclusion/Exclusion criteria**Inclusion criteria:**

Female healthcare personnel of reproductive age (15 to 49 years) Having informed consent to participate in the study Being married Having no children or having one or two children Use of contraceptive methods Not having primary or secondary infertility

Exclusion criteria:

Participation in the relevant training course during the study The presence of absolute contraindications for pregnancy, such as class 3 and 4 heart valve failure and any type of acute heart disease, AIDS, etc. Suffering from mental illnesses (such as schizophrenia, severe depression, psychosis, etc.) under medical treatment based on medical record information or statements Using any tobacco and drugs and drinking alcohol Occurrence of stressful events during the last 6 months (Migration, divorce, death of relatives...)

AgeFrom **15 years** old to **49 years** old**Gender**

Female

Phase

N/A

Groups that have been masked*No information***Sample size**Target sample size: **56****Randomization (investigator's opinion)**

Randomized

Randomization description

Qualified personnel will be randomly selected in 2 health centers and 20 health houses under the central coverage of Fereydunshahr and 5 departments of Hazrat Rasool Akram Fereydunshahr hospital based on inclusion and exclusion criteria. Then, using the random numbers table and through the software (www.Random.org/sequences) with random assignment, the participants will be placed in two intervention and control groups. At the beginning of the study, participants are told that they have the same chance to be in the intervention or control group. Then, the people of the intervention group will be invited to participate in counseling sessions.

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 Shahid Sadoughi University of Medical Sciences, Yazd

Street address

Bahonar Square; Yazd

City

Yazd

Province

Yazd

Postal code

8916189165

Approval date

2023-03-01, 1401/12/10

Ethics committee reference number

IR.SSU.REC.1401.110

Health conditions studied**1****Description of health condition studied**

Counseling of attitude to childbearing, Counseling of intention to childbearing

ICD-10 code**ICD-10 code description****Primary outcomes****1****Description**

Change in mean scores of childbearing intention in reproductive age women

Timepoint

In the baseline, completion of the intervention (End of the fifth week) and in the follow-up period (4 weeks after the completion of the intervention)

Method of measurement

Intention to childbearing questionnaire

Secondary outcomes**1****Description**

Change in mean scores of Attitudes towards childbearing in women of reproductive age

Timepoint

In the baseline, completion of the intervention (End of

the fifth week) and in the follow-up period (4 weeks after the completion of the intervention)

Method of measurement

Attitude towards childbearing questionnaire

Intervention groups

1

Description

Intervention group: People in the intervention group will participate in 5 online counseling sessions in the form of Motivational interviews in 5 consecutive weeks, one session a week and each session will last 45 minutes. The content of the sessions includes: Discovering the positive and negative aspects of maintaining behavior and changing behavior, Exercise mental precipitation of short-term and long-term profits and losses, Reframing and defining the clients' failures and failures from her own point of view, Summoning the personal abilities of the clients, Checking the list of goals written in the first session, Answers to all questions, Summary and summation of the exercises of the previous sessions in the form of perspective exercises and preparation for the start of the behavior change program.

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Hazrat Rasool Akram Hospital

Full name of responsible person

Maryam Dafei

Street address

Basij Blvd

City

Fereydunshahr

Province

Isfahan

Postal code

7361185917

Phone

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marydafei@gmail.com

2

Recruitment center

Name of recruitment center

Fereydunshahr health and treatment Network

Full name of responsible person

Maryam Dafei

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Dr. Ali Shariati St

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Province

Isfahan

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8591837784

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3

Recruitment center

Name of recruitment center

Vahdat Abad Comprehensive Health Center

Full name of responsible person

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4

Recruitment center

Name of recruitment center

Barf Anbar comprehensive health center

Full name of responsible person

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5

Recruitment center

Name of recruitment center

Comprehensive health center of Sibak village

Full name of responsible person

Akram Rahimi

Street address

Sibak village entrance

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Province

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Yazd University of Medical Sciences

Full name of responsible person
Dr. Alireza Moradi

Street address
Central Organization of Shahid Sadoughi University of
Medical Sciences, Yazd, Dr. Bahonar Square, Yazd

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alirezampr@gmail.com

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

Yazd 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
Yazd University of Medical Sciences

Full name of responsible person
Maryam Dafei

Position
Associate Professor

Latest degree
Ph.D.

Other areas of specialty/work
Reproductive Health

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Person responsible for scientific inquiries

Contact

Name of organization / entity
Yazd University of Medical Sciences

Full name of responsible person
Maryam Dafei

Position
Associate Professor

Latest degree
Ph.D.

Other areas of specialty/work
Reproductive Health

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Person responsible for updating data

Contact

Name of organization / entity
Yazd University of Medical Sciences

Full name of responsible person
Maryam Dafei

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Latest degree
Ph.D.

Other areas of specialty/work
Reproductive Health

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Sharing plan**Deidentified Individual Participant Data Set (IPD)**

Yes - There is a plan to make this available

Study Protocol

Undecided - It is not yet known if there will be a plan to make this available

Statistical Analysis Plan

Not applicable

Informed Consent Form

Yes - There is a plan to make this available

Clinical Study Report

Not applicable

Analytic Code

Undecided - It is not yet known if there will be a plan to make this available

Data Dictionary

Not applicable

Title and more details about the data/document

All individual data of study participants can be shared after de-identification.

When the data will become available and for how long

After results publication

To whom data/document is available

The data will be available to researchers working in academic and scientific institutions, and people working in industry can apply to receive them.

Under which criteria data/document could be used

Scientific usage

From where data/document is obtainable

marydafei@gmail.com

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

One week after receiving the applicant's email.

Comments