

Clinical Trial Protocol

Iranian Registry of Clinical Trials

18 Jun 2026

A randomized controlled trial of communicating contraceptive effectiveness

Protocol summary

Summary

The aim of this randomized controlled trial is to compare three different approaches for increasing clients' understanding of contraceptive effectiveness. We will recruit 630 reproductive age married women with at least 6 years education at selected public health centers/posts in Tabriz, Iran. After getting written informed consent, participants will complete a self-administered questionnaire about demographic and reproductive characteristics and three questions regarding effectiveness of various contraceptive methods. Then, we will randomize them to one of three charts presenting pregnancy risk. For group assignment, we will use permuted block randomization with block sizes of 6 and 9 concealed in sequentially numbered, sealed, opaque envelopes. Participants will complete a second set of the effectiveness questions while looking at their assigned chart. Finally, after one month, an interviewer, who is blind to the random allocation, will ask the same three questions from the subjects through phone contact.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT138903093706N2**

Registration date: **2011-05-05, 1390/02/15**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2011-05-05, 1390/02/15

Registrant information

Name

Sakineh Mohammad-Alizadeh-Charandabi

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 41 3477 2699

Email address

alizades@tbzmed.ac.ir

Recruitment status

Recruitment complete

Funding source

Research Deputy, Tabriz University of Medical Sciences

Expected recruitment start date

2011-01-22, 1389/11/02

Expected recruitment end date

2011-03-21, 1390/01/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

A randomized controlled trial of communicating contraceptive effectiveness

Public title

Comparison of three different approaches for communicating contraceptive effectiveness

Purpose

Health service research

Inclusion/Exclusion criteria

Inclusion criteria: Female clients of the selected health centers and health posts who are married, aged 15-49, have at least 6 years education, are residents of Tabriz city and have telephone line. Exclusion criteria: use permanent contraceptive methods

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: 630

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Single blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Research deputy of Tabriz university of medical sciences

Street address

Tabriz -Golgasht street

City

Tabriz

Postal code

51665118

Approval date

2010-10-22, 1389/07/30

Ethics committee reference number

6729

Health conditions studied

1

Description of health condition studied

Women's understanding about contraceptive effectiveness

ICD-10 code

Z30.0

ICD-10 code description

General counselling and advice on contraception

Primary outcomes

1

Description

Knowledge of the women

Timepoint

Before intervention, immediately after intervention and one month after intervention

Method of measurement

Self-administered questionnaire in pre-intervention and immediately after intervention and by telephone interview one month after intervention

Secondary outcomes

empty

Intervention groups

1

Description

Group A: asking the participants to look at chart 1 presenting contraceptive effectiveness information (Categorizing the methods into four groups 'least effective', 'effective', 'very effective' and 'most effective' and presenting typical percentage of pregnancy in the first year use for each method)

Category

Other

2

Description

Group B: asking the participants to look at chart 2 presenting contraceptive effectiveness information (Categories)

Category

Other

3

Description

Group C: asking the participants to look at chart 3 presenting contraceptive effectiveness information (Continuum presenting 'less effective' on the bottom and 'more effective' on the top)

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Molla-Rasuli

Full name of responsible person

Jahanbakhsh-Rogayyeh

Street address

Shamse Tabrizi street

City

Tabriz

2

Recruitment center

Name of recruitment center

Golpark

Full name of responsible person
Jahanbakhsh-Rogayyeh
Street address
Valyasr-tavanyr Street
City
Tabriz

3

Recruitment center
Name of recruitment center
Bareng
Full name of responsible person
Jahanbakhsh-Rogayyeh
Street address
Bareng
City
Tabriz

4

Recruitment center
Name of recruitment center
Zaafaraniye
Full name of responsible person
Jahanbakhsh-Rogayyeh
Street address
Zaafaraniye
City
Tabriz

5

Recruitment center
Name of recruitment center
Shahid Sadeghi neghad
Full name of responsible person
Jahanbakhsh-Rogayyeh
Street address
Hojjati Street
City
Tabriz

6

Recruitment center
Name of recruitment center
Shahid Babaii
Full name of responsible person
Jahanbakhsh-Rogayyeh
Street address
Shahrak Parvaz square
City
Tabriz

7

Recruitment center
Name of recruitment center
Manzariyyeh
Full name of responsible person
Jahanbakhsh-Rogayyeh
Street address

Aboureyhan crossroad
City
Tabriz

8

Recruitment center
Name of recruitment center
Shahid Taymouri
Full name of responsible person
Jahanbakhsh-Rogayyeh
Street address
Laleh crossroads
City
Tabriz

9

Recruitment center
Name of recruitment center
Shanbe Ghazan
Full name of responsible person
Jahanbakhsh-Rogayyeh
Street address
Santo road
City
Tabriz

10

Recruitment center
Name of recruitment center
Molla Hasan
Full name of responsible person
Jahanbakhsh-Rogayyeh
Street address
End off Street Saghatoleslam
City
Tabriz

11

Recruitment center
Name of recruitment center
Shahid Chamran
Full name of responsible person
Jahanbakhsh-Rogayyeh
Street address
Shahid Chamran town
City
Tabriz

12

Recruitment center
Name of recruitment center
Gharamolk
Full name of responsible person
Jahanbakhsh-Rogayyeh
Street address
Gharamolk street
City
Tabriz

13

Recruitment center

Name of recruitment center

Gomtape

Full name of responsible person

Jahanbakhsh-Rogayyeh

Street address

Yeka dokan

City

Tabriz

14

Recruitment center

Name of recruitment center

Khatib

Full name of responsible person

Jahanbakhsh-Rogayyeh

Street address

Khatib street

City

Tabriz

15

Recruitment center

Name of recruitment center

Hokm Abad(1)

Full name of responsible person

Jahanbakhsh-Rogayyeh

Street address

Bahar street

City

Tabriz

16

Recruitment center

Name of recruitment center

Ghods

Full name of responsible person

Jahanbakhsh-Rogayyeh

Street address

Ghods street

City

Tabriz

17

Recruitment center

Name of recruitment center

Roshdiyeh

Full name of responsible person

Jahanbakhsh-Rogayyeh

Street address

Roshdiyeh town

City

Roshdiyeh

18

Recruitment center

Name of recruitment center

Shahiidan ebrahimi

Full name of responsible person

Jahanbakhsh-Rogayyeh

Street address

Allay University street

City

Tabriz

19

Recruitment center

Name of recruitment center

Bani shafie

Full name of responsible person

Jahanbakhsh-Rogayyeh

Street address

Akhoni street

City

Tabriz

20

Recruitment center

Name of recruitment center

Sherkate nafte 1 golestan

Full name of responsible person

Jahanbakhsh-Rogayyeh

Street address

Between khatib and rahahan crossroads

City

Tabriz

21

Recruitment center

Name of recruitment center

Pastore no

Full name of responsible person

Jahanbakhsh-Rogayyeh

Street address

Monajjem street

City

Tabriz

22

Recruitment center

Name of recruitment center

Mohajerin

Full name of responsible person

Jahanbakhsh-Rogayyeh

Street address

Santo road

City

Tabriz

23

Recruitment center

Name of recruitment center

Traktor sazi

Full name of responsible person

Jahanbakhsh-Rogayyeh

Street address

Dizel abad

City

Tabriz

24**Recruitment center****Name of recruitment center**

Farhangiyan

Full name of responsible person

Jahanbakhsh-Rogayyeh

Street address

Hefdahe shahrivar street

City

Tabriz

25**Recruitment center****Name of recruitment center**

Payegahe havaei

Full name of responsible person

Jahanbakhsh-Rogayyeh

Street address

Azarbayjan square

City

Tabriz

26**Recruitment center****Name of recruitment center**

Bime tamine ejtemaei

Full name of responsible person

Jahanbakhsh-Rogayyeh

Street address

Melale mottahed street

City

Tabriz

27**Recruitment center****Name of recruitment center**

Seyyed hamze

Full name of responsible person

Jahanbakhsh-Rogayyeh

Street address

The front of maghbaratolshoara

City

Tabriz

28**Recruitment center****Name of recruitment center**

Hokm abad 2

Full name of responsible person

Jahanbakhsh-Rogayyeh

Street address

Hokm abad 20 metry street

City

Tabriz

29**Recruitment center****Name of recruitment center**

Sadi

Full name of responsible person

Jahanbakhsh-Rogayyeh

Street address

Sadi street

City

Tabriz

30**Recruitment center****Name of recruitment center**

Markaze amozeshi darmani alzahra

Full name of responsible person

Jahanbakhsh-Rogayyeh

Street address

Arteshe jonobi street

City

Tabriz

31**Recruitment center****Name of recruitment center**

Mojahedin

Full name of responsible person

Jahanbakhsh-Rogayyeh

Street address

Mofatteh street

City

Tabriz

32**Recruitment center****Name of recruitment center**

Enghelab

Full name of responsible person

Jahanbakhsh-Rogayyeh

Street address

Pasdaran street

City

Tabriz

33**Recruitment center****Name of recruitment center**

Golkar

Full name of responsible person

Jahanbakhsh-Rogayyeh

Street address

Golkar

City

Tabriz

34

Recruitment center

Name of recruitment center

Razi shahrak

Full name of responsible person

Jahanbakhsh-Rogayyeh

Street address

Razi town

City

Tabriz

35

Recruitment center

Name of recruitment center

Sina

Full name of responsible person

Jahanbakhsh-Rogayyeh

Street address

Azadi street

City

Tabriz

36

Recruitment center

Name of recruitment center

Bagmishe Shahrak

Full name of responsible person

Jahanbakhsh-Rogayyeh

Street address

Bagmishe town

City

Tabriz

37

Recruitment center

Name of recruitment center

Valiasre jonobi

Full name of responsible person

Jahanbakhsh-Rogayyeh

Street address

Shahid mahalati street

City

Tabriz

38

Recruitment center

Name of recruitment center

Silab

Full name of responsible person

Jahanbakhsh-Rogayyeh

Street address

Abbasi street

City

Tabriz

39

Recruitment center

Name of recruitment center

Dadgostari kooy

Full name of responsible person

Jahanbakhsh-Rogayyeh

Street address

Sahand town

City

Tabriz

40

Recruitment center

Name of recruitment center

Mashin sazi

Full name of responsible person

Jahanbakhsh-Rogayyeh

Street address

santo road

City

Tabriz

41

Recruitment center

Name of recruitment center

Baghiyatollah

Full name of responsible person

Jahanbakhsh-Rogayyeh

Street address

Bahar

City

Tabriz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice Chencellor for Research, Tabriz University of Medical Sciences

Full name of responsible person

Dr. Mohammad Reza Rashidi

Street address

Research deputy, Tabriz university of medical sciences, Golgasht Ave

City

Tabriz

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Vice Chencellor for Research, Tabriz University of Medical Sciences

Proportion provided by this source

100

Public or private sector

empty

Domestic or foreign origin

empty

Category of foreign source of funding

empty

Country of origin

Type of organization providing the funding

empty

Person responsible for general inquiries

Contact

Name of organization / entity

Tabriz University of Medical Sciences-Faculty of Nursing and Midwifery Tabriz

Full name of responsible person

Rogayyeh Jahanbakhsh

Position

Master of sciences student in midwifery

Other areas of specialty/work

Street address

Faculty of Nursing and Midwifery, South Shariati

City

Tabriz

Postal code

Phone

+98 41 1555 8876

Fax

Email

jrogayye156@yahoo.com

Web page address

Phone

+98 41 1477 2699

Fax

Email

alizades@tbzmed.ac.ir; smoalch@yahoo.com

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Faculty of Nursing and Midwifery, Tabriz university of medical sciences

Full name of responsible person

Rogayyeh Jahanbakhsh

Position

Master of sciences student in midwifery

Other areas of specialty/work

Street address

Faculty of Nursing and Midwifery, South Shariati

City

Tabriz

Postal code

Phone

+98 41 1477 2699

Fax

Email

jrogayye156@yahoo.com

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Faculty of Nursing and Midwifery Tabriz university of Medical sciences

Full name of responsible person

Sakineh Mohammad-Alizadeh-charandabi

Position

Assistant Professor/Phd in Reproductive Health

Other areas of specialty/work

Street address

Faculty of Nursing and Midwifery, South Shariati

City

Tabriz

Postal code

Sharing plan

Deidentified Individual Participant Data Set (IPD)

empty

Study Protocol

empty

Statistical Analysis Plan

empty

Informed Consent Form

empty

Clinical Study Report

empty

Analytic Code

empty

Data Dictionary

empty