

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Jun 2026

Assessing the effect of educational intervention on promoting self-care, knowledge and belief in proper antibiotic use among individuals referred to south health centers of Tehran University of Medical Sciences in 2016-2017: Application of Social Cognitive Theory

Protocol summary

Summary

The aim of this study was to determine the effect of educational intervention on promoting self-care, knowledge and belief in proper antibiotic use among individuals referred to south health centers of Tehran University of Medical Sciences in 2016-2017: Application of Social Cognitive Theory. This research is a quasi-experimental intervention with two control and intervention groups. Inclusion criteria: people over 18 years old, attending the health centers in south of Tehran. Exclusion criteria: No tendency to participate in the study. Study population includes people over 18 years old attending the health centers in south of Tehran. Sample size is 260 (130 participants intervention group and 130 participants in control group). In this study, there has been employed a cognitive-social theory based-questionnaire including demographic information, the structures of social-cognitive theory, self-care questions, public awareness and beliefs. Pre-test is taken from both groups. Intervention program will take place over a month of training sessions (four weeks with one session weekly) in form of blended education training (lecture, question and answer). Every session will take 30 to 45 minutes. In these sessions, the attempt is sharing necessary information and instructions on the concept of self-care and rational use of antibiotics. Six months later, in order to assess the interventional program effects, the questionnaire will be completed again for both groups. The primary outcome of this study are awareness, general belief and social cognitive theory structures. The study is not blinded.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016092412460N11**

Registration date: **2016-11-16, 1395/08/26**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2016-11-16, 1395/08/26

Registrant information

Name

Roya Sadedgi

Name of organization / entity

Tehran University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 912 327 5692

Email address

sadeghir@tums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice chancellor for education of Tehran University of Medical Sciences and Vice chancellor for research of Tehran University of Medical Sciences

Expected recruitment start date

2016-11-21, 1395/09/01

Expected recruitment end date

2016-12-21, 1395/10/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Assessing the effect of educational intervention on promoting self-care, knowledge and belief in proper antibiotic use among individuals referred to south health centers of Tehran University of Medical Sciences in 2016-2017: Application of Social Cognitive Theory

Public title

Effect of education on promoting self-care related to proper antibiotic use

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: people over 18 years old ;attending the health centers in south of Tehran! satisfaction to study participate Exclusion criteria: No tendency to participate the study! being absent in two sessions from four Sessions

Age

From **18 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **260**

Randomization (investigator's opinion)

Randomized

Randomization description

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 Tehran University of Medical Sciences

Street address

Tehran.Poursina Ave

City

Tehran

Postal code

Approval date

2016-09-04, 1395/06/14

Ethics committee reference number

IR.TUMS.SPH.REC.1395.553

Health conditions studied

1

Description of health condition studied

Proper antibiotic usage

ICD-10 code

Z70-Z76

ICD-10 code description

Factors influencing health status and contact with health services

Primary outcomes

1

Description

General belief

Timepoint

Baseline and six months later

Method of measurement

Questionnaire

2

Description

Social-cognitive theory constructs

Timepoint

Baseline and six months later

Method of measurement

Questionnaire

3

Description

Knowledge

Timepoint

Baseline and six months later

Method of measurement

Questionnaire

Secondary outcomes

1

Description

Social-cognitive theory constructs

Timepoint

Baseline and six months

Method of measurement

Questionnaire

2

Description

Self-care

Timepoint

Baseline and six months

Method of measurement

Questionnaire

Intervention groups

1

Description

In control group ,education will be conducted based on rou tine plan of health centers.

Category

Prevention

2

Description

Intervention program will take place over a month of training sessions (four weeks with one session weekly) in form of blended education training (lecture ,question and answer). 130 participants intervention group and 130 participants in control group. Every session will take 30 to 45 minutes. In these sessions, the attempt is sharing necessary information and instructions on the concept of self-care and rational use of antibiotics.

Category

Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center

South health centers of Tehran University of Medical Sciences

Full name of responsible person

Mr.Javad Barzegari

Street address

NO.4 , Shafeei Alley , Quods Ave. , Enghelab Square

City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for education of Tehran University of Medical Sciences

Full name of responsible person

Dr. Mohamad Jalili

Street address

Central Organization of Tehran University of Medical Sciences

City

Tehran

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Vice chancellor for education of Tehran University of Medical Sciences

Proportion provided by this source

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

2

Sponsor

Name of organization / entity

Vice chancellor for research of Tehran University of Medical Sciences

Full name of responsible person

Masoud Younesian

Street address

Central Organization of Tehran University of Medical Sciences

City

Tehran

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Vice chancellor for research of Tehran University of Medical Sciences

Proportion provided by this source

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

Tehran University of Medical Sciences

Full name of responsible person

Dr.Roya Sadeghi

Position

Academic staff

Other areas of specialty/work

Street address

School of Public Health, Tehran University of Medical Sciences

City

Tehran

Postal code

Phone

+98 912 327 5692

Fax

Email
sadeghir@tums.ac.ir
Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity
Tehran University of Medical Sciences
Full name of responsible person
Dr. Roya Sadeghi
Position
PhD
Other areas of specialty/work
Street address
School of Public Health, Tehran University of Medical Sciences
City
Tehran
Postal code
Phone
+98 21 4293 3210
Fax
Email
sadeghir@tums.ac.ir
Web page address

Person responsible for updating data

Contact

Name of organization / entity

Tehran University of Medical Sciences
Full name of responsible person
Dr.Roya Sadeghi
Position
PhD
Other areas of specialty/work
Street address
Tehran
City
Tehran
Postal code
Phone
00
Fax
Email
Web page address

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