Clinical Trial Protocol
Iranian Registry of Clinical Trials

16 Sep 2026

The effect of a SMS based- education intervention based on theory of planned behavior in fuction of college students regarding water saving

Protocol summary

Summary

This study is a quasi-experimental type. The aim of this study is to determine the effect a SMS based education intervention based on theory of planned behavior constructs on fuction of female college students regarding water saving. The study sample including 122 female college students who are resids in the dormitories of Yazd university will be assigned either to the intervention (n=61) or the control groups (n=61). First, suitable scale will be designed and validated. In the next stage, two groups will complete the scale before the intervention. According to pre-test results, SMSs will be designed and tested. developed SMSs will be send to students in the intervention group. Two groups will be followed 1 month after the intervention and complete scale again. Finally, data of two stage will be analyzed.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201504217132N11**
Registration date: **2015-05-04, 1394/02/14**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2015-05-04, 1394/02/14

Registrant information

Name

Tahereh Dehdari

Name of organization / entity

Iran University of Medical Sciences and Health Services

Country

Iran (Islamic Republic of)

Phone

+98 2188779118263

Email address

t-dehdari@tums.ac.ir

Recruitment status

Recruitment complete

Funding source

Iran University of Medical Sciences and Health Services

Expected recruitment start date

2015-04-21, 1394/02/01

Expected recruitment end date

2015-05-22, 1394/03/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of a SMS based- education intervention based on theory of planned behavior in fuction of college students regarding water saving

Public title

The effect of an education intervention in fuction of college students regarding water saving

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: agreement to participate in the study; residence in female dormitories of Yazd University.
Exclusion criteria:There is no exclusion criteria.

Age

No age limit

Gender

Female

Phase

N/A

Groups that have been masked
No information
Sample size
Target sample size: **122**
Randomization (investigator's opinion)
Not randomized
Randomization description
Blinding (investigator's opinion)
Not blinded
Blinding description
Placebo
Used
Assignment
Parallel
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Iran University of Medical Sciences and Health Services
Street address
Iran University of Medical Sciences, Shahid Hemmat Highway
City
Tehran
Postal code
Approval date
2015-04-20, 1394/01/31
Ethics committee reference number
25643

Health conditions studied

1

Description of health condition studied
environmental problems
ICD-10 code
Z58.8
ICD-10 code description
Other problems related to physical environment

Primary outcomes

1

Description
water saving
Timepoint
One month after the intervention
Method of measurement
Quessionnaire

Secondary outcomes

empty

Intervention groups

1

Description
Intervention group: Performing a SMS-based educational intervention. Approximately 20-30 massages based on theory of planned behavior constructs (including subjective norms, attitude, perceived behavioral control, intention and behavior) will be designed and sent to participants in the intervention group during 4 weeks.
Category
Prevention

2

Description
Control group: No intervention
Category
N/A

Recruitment centers

1

Recruitment center
Name of recruitment center
Shaghaegh Dormitory
Full name of responsible person
Fatemeh Daneshvar
Street address
Dormitories of Yazd university, Yazd University, Safaeieh
City
Yazd

2

Recruitment center
Name of recruitment center
Maryam Dormitory
Full name of responsible person
Fatemeh Daneshvar
Street address
Dormitories of Yazd university, Yazd University, Safaeieh
City
Yazd

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Iran University of Medical Sciences and Health Services
Full name of responsible person

Dr. Morteza Naserbakht

Street address

Shahid Hemmat Highway, Iran 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

Iran University of Medical Sciences and Health Services

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

Iran University of Medical Sciences and Health Services

Full name of responsible person

Tahereh Dehdari

Position

Ph.D in Health Education

Other areas of specialty/work

Street address

School of health, Iran University of Medical Sciences, Shahid Hemmat Highway

City

Tehran

Postal code

Phone

+98 21 8670 4625

Fax

Email

dehdarit@yahoo.com

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

University of Yazd

Full name of responsible person

Laleh Dehdari

Position

MS

Other areas of specialty/work

Street address

Dormitories of Yazd university, Yazd University, Safaeieh

City

Yazd

Postal code

Phone

+98 21 8670 4625

Fax

Email

asal8917@yahoo.com

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Iran University of Medical Sciences and Health Services

Full name of responsible person

Tahereh Dehdari

Position

Ph.D in Health Education

Other areas of specialty/work

Street address

School of health, Iran University of Medical Sciences, Shahid Hemmat Highway

City

Tehran

Postal code

Phone

+98 21 8670 4625

Fax

Email

dehdarit@yahoo.com

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