

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

The effect of SMS based- education intervention based on Health Belief Model variables in increasing preventive behaviors of gastric cancer among female college students

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 Health Belief Model constructs in increasing preventive behaviors of gastric cancer among female college students. The study sample including 132 female college students who are reside in the dormitories of Yazd university will be assigned either to the intervention (n=66) or the control groups (n=66). First, a 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, messages will be designed. Developed messages will be send to students in the intervention group. Two groups will be followed 1 month after the intervention and complete the scale again. Finally, data will be analyzed.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201508197132N12**

Registration date: **2015-09-06, 1394/06/15**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2015-09-06, 1394/06/15

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

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Recruitment status

Recruitment complete

Funding source

Iran University of Medical Sciences

Expected recruitment start date

2015-09-26, 1394/07/04

Expected recruitment end date

2016-03-20, 1395/01/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of SMS based- education intervention based on Health Belief Model variables in increasing preventive behaviors of gastric cancer among female college students

Public title

The effect of SMS based- education intervention based on Health Belief Model variables in increasing preventive behaviors of gastric cancer among female college students The effect of SMS based- education intervention based on Health Belief Model variables in increasing preventive behaviors of gasteric cancer among students The effect of SMS based- education intervention based on Health Belief Model variables in increasing preventive behaviors of gasteric cancer among students

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: **132**

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

Iran University of Medical Sciences and Health Services

Street address

Iran University of Medical Sciences, Shahid Hemmat Highway

City

Tehran

Postal code

Approval date

2015-08-17, 1394/05/26

Ethics committee reference number

IR.IUMS.REC.1394.26199

Health conditions studied

1

Description of health condition studied

Gastric cancer

ICD-10 code

C16.9

ICD-10 code description

Stomach, unspecified

Primary outcomes

1

Description

Preventive behaviors of gastric cancer

Timepoint

One month after the intervention

Method of measurement

Questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: Performing a SMS-based educational intervention. Approximately 20-30 messages based on Health Belief Model constructs (including perceived sensitivity and severity, self-efficacy, perceived benefits and barriers, cues to action and preventive behaviors of gastric cancer) will be designed and sent to participants in the intervention group during 4 weeks.

Category

Prevention

2

Description

Control group: No intervention

Category

Prevention

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

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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

Iran University of Medical Sciences, Shahid Hemmat Highway

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

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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