

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

Effectiveness Of Web-Based Education On Students' Knowledge and Attitudes About Reproductive Health

Protocol summary

Summary

(1)Objectives: The effect of web-based education on knowledge and attitude of adolescent reproductive health, (2) Design: This is controlled interventional study. The study population of students (male and female) five University College of Medical Sciences who meet the inclusion criteria, were selected. The questionnaire used to assess knowledge and attitudes. Validity and reliability of data collection used in this study as well as educational content through the content validity was assessed by F.Olfati and colleagues. For statistical analysis, descriptive statistics and chi-square tests with the help of the software will be used SPSS18, (3) Setting and conductThe sampling will be carried quota in proportion to the number of students per school. Students in the two groups using block randomization and control are web-based training. Random allocation is done based on random numbers table.Both groups were pre-tested and are web-based intervention. After the end of the course and keep track of both groups were tested and the results will be compared with each othe, (4) Participants including major eligibilit y criteria: Inclusion criteria: Age 19-24; internet access; medium internet skills; have email address or telegram account Exclusion criteria:Unwillingness to continue; graduation, (5) Intervention: Web-based training, (6) main outcome measures (variables): Knowledge of adolescent reproductive health, attitude on adolescent reproductive health.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016110630736N1**

Registration date: **2017-03-14, 1395/12/24**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2017-03-14, 1395/12/24

Registrant information

Name

Atefe Shokri Ghesghaghi

Name of organization / entity

Qazvin University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 28 3333 8034

Email address

a.shokri@qums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice chancellor for research,Qazvin University of Medical Sciences

Expected recruitment start date

2017-04-04, 1396/01/15

Expected recruitment end date

2017-05-05, 1396/02/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effectiveness Of Web-Based Education On Students' Knowledge and Attitudes About Reproductive Health

Public title

The effect of digital medias in youth reproductive health

Purpose

Other

Inclusion/Exclusion criteria

Inclusion criteria: Age 19-24; internet access; medium internet skills; have email address or telegram account
Exclusion criteria: Unwillingness to continue; graduation

Age

From **19 years** old to **24 years** old

Gender

Both

Phase

3

Groups that have been masked

No information

Sample size

Target sample size: **300**

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 Qazvin University of Medical Sciences, Qazvin, Iran

Street address

Qazvin University of Medical Sciences, Shahid Bahonar Blvd, Qazvin, Iran

City

Qazvin

Postal code

Approval date

2017-01-25, 1395/11/06

Ethics committee reference number

IR.QUMS.REC.1395.266

Health conditions studied

1

Description of health condition studied

Students' Knowledge and Attitudes About Reproductive Health

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

Knowledge by Questionnaire

Timepoint

pre intervention then 3 month after

Method of measurement

Questionnaire

2

Description

Attitudes by Questionnaire

Timepoint

pre intervention then 3 month after

Method of measurement

Questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

Web-based training will be conducted in the intervention group. Intervention is related to knowledge and attitude.

Category

Other

2

Description

The control group received no intervention. But Receive university education.

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Qazvin University of Medical Sciences

Full name of responsible person

Atefe Shokri Gheshlaghi

Street address

Qazvin University of Medical Sciences, Shahid Bahonar Blvd, Qazvin, Iran

City

Qazvin

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research,Qazvin University of Medical Sciences

Full name of responsible person

Dr.Taghi Naserpour

Street address

Vice chancellor for research,Qazvin University of Medical Sciences, Shahid Bahonar Blvd, Qazvin,Iran

City

Qazvin

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,Qazvin 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**

Qazvin University of Medical Sciences

Full name of responsible person

Atefe Shokri Gheshlaghi

Position

Msc.midwifery student

Other areas of specialty/work**Street address**

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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