Clinical Trial Protocol
Iranian Registry of Clinical Trials

08 Nov 2026

The Effect of E-learning of Islamic Culture and Civilization on Student's Knowledge, Attitude and Satisfaction in Tehran University of Medical Sciences

Protocol summary

Summary

In this quasi- experimental study, our aim is to examine the effect of virtual and traditional method of teaching on participants' knowledge, attitudes and satisfaction. Two schools among the schools which have Islamic Culture and Civilization course in current semester would be selected randomly. But all the research cases which are in this group are reachable and it is a convenience sampling .The participants will be 115 undergraduate students enrolled in Islamic Culture and Civilization course at Tehran University of Medical Sciences . All of them participated in this research voluntarily. Inclusion criteria; having consent to participate in research, exclusion criteria: dissatisfaction of participant for further cooperation. Students in virtual classes would study 16 consequents E-content which will be presented in NAMAD (http//namad.tums.ac.ir), the official learning management system (LMS) of Tehran University of Medical Sciences. Meanwhile in traditional method, 16 sessions would be held the students received traditional education; with 2-h lectures every week. The content which is presented in both groups is the same. The final exam will be the tool to measure any changes in both groups' knowledge while a questionnaire to evaluate each participant's attitude and satisfaction would be presented too.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015051322263N1**
Registration date: **2015-06-25, 1394/04/04**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2015-06-25, 1394/04/04

Registrant information

Name

Atekeh Mousavi

Name of organization / entity

Tehran University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 21 8897 8088

Email address

at-mousavi@farabi.tums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vic-Chancellor for Research of Tehran University of Medical Sciences

Expected recruitment start date

2015-05-15, 1394/02/25

Expected recruitment end date

2015-09-21, 1394/06/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The Effect of E-learning of Islamic Culture and Civilization on Student's Knowledge, Attitude and Satisfaction in Tehran University of Medical Sciences

Public title

The Effect of E-learning of Islamic Culture and Civilization

Purpose

Basic scienece

Inclusion/Exclusion criteria

The main inclusion criteria is enrollment in Islamic Culture and Civilization course and consent to participate in research. And exclusion would be dissatisfaction of participant to cooperate any longer.

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **115**

Randomization (investigator's opinion)

Not 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

Tehran University of Medical Sciences

Street address

Gods St, Keshavarz BLVD, Tehran

City

Tehran

Postal code

1416614741

Approval date

2015-05-12, 1394/02/22

Ethics committee reference number

93-03-176-26676-147770

Health conditions studied

1

Description of health condition studied

-

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

Attitude

Timepoint

Beginning and end of semester

Method of measurement

Attitude questionnaire

2

Description

learning

Timepoint

The end of the semester

Method of measurement

Written exam

3

Description

Satisfaction

Timepoint

The end of the semester

Method of measurement

Satisfaction questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

In the experimental group of students using the system virtual Tehran University of Medical Sciences at http: / namad.tums.ac.ir/, for 16 sessions will be given.

Category

Behavior

2

Description

In the control group students 16 sessions would be receive face to face method. Teacher responsible and contents in both virtual and face-to-face classes would be the same.

Category

Behavior

Recruitment centers

1

Recruitment center

Name of recruitment center

Tehran University of Medical Sciences

Full name of responsible person

Atekeh Mousavi

Street address

Gods St,Keshavarz BLVD,Tehran

City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Tehran University of Medical Sciences

Full name of responsible person

Masud Yunesian

Street address

Gods st,Keshavarz BLVD,Tehran

City

Tehran

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Tehran 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

Tehran University of Medical Sciences

Full name of responsible person

Atekeh Mousavi

Position

Master of E-learning

Other areas of specialty/work

Street address

Gods St,Keshavarz BLVD,Tehran

City

Tehran

Postal code

1416614741

Phone

+98 21 8897 8088

Fax

+98 21 8896 9594

Email

at-mousavi@farabi.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

Mitra Zolfaghari

Position

PhD of e-learning, Distance Education planning

Other areas of specialty/work

Street address

Gods St,Keshavrz BLVD,Tehran

City

Tehran

Postal code

1416614741

Phone

+98 21 8897 8088

Fax

+98 88969594

Email

zolfaghm@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

Atekeh Mousavi

Position

Master of E-learning

Other areas of specialty/work

Street address

Gods St,Keshavarz BLVD,Tehran

City

Tehran

Postal code

1416614741

Phone

+98 21 8897 8088

Fax

+98 88969594

Email

at-mousavi@farabi.tums.ac.ir

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