

Clinical Trial Protocol

Iranian Registry of Clinical Trials

19 Sep 2026

Comparison of electronic and workshop teaching methods on clients knowledge, attitude and practice about *Vibrio cholerae* (EL Tor) infection in Shushtar health care centers

Protocol summary

Study aim

Comparison of electronic and workshop teaching methods on clients' knowledge, attitude and practice about *Vibrio cholerae* (EL Tor) infection in Shushtar health care centers

Design

This is an experimental research with Pretest-Post-test Design. The information gathering tool is the questionnaire published as an appendix in the book on "education, prevention, control and treatment of ELTor infection" (approved by the Ministry of Health). According to the Invitation to participate in the training program in Shushtar health care centers, volunteers will be randomly assigned to two groups of e-learning and face to face workshop. Participants in the control group (face to face workshop) will receive the training content at the workshop (lecture with slideshows). In the experimental group (e-learning), a weblog will be designed. The topics in both groups will be similar. The possibility of contact and interaction with researchers will be provided in case of any question or problem.

Settings and conduct

Shushtar health care centers

Participants/Inclusion and exclusion criteria

All volunteers referred to health centers in Shushtar will be included in the research; the exclusion criterion will be the desire of the participant to leave the study at any time.

Intervention groups

-Face to face workshop teaching group - E-learning group

Main outcome variables

- knowledge, attitude and practice of participants about ELTor infection

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20171125037620N1**

Registration date: **2018-06-02, 1397/03/12**

Registration timing: **registered_while_recruiting**

Last update: **2018-06-02, 1397/03/12**

Update count: **0**

Registration date

2018-06-02, 1397/03/12

Registrant information

Name

Mitra Gharib

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 21 4203 6001

Email address

gharibmi@sina.tums.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2018-04-21, 1397/02/01

Expected recruitment end date

2018-06-22, 1397/04/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of electronic and workshop teaching

methods on clients knowledge, attitude and practice about Vibrio cholerae (EL Tor) infection in Shushtar health care centers

Public title

Comparison of electronic and workshop teaching methods on clients knowledge, attitude and practice about Vibrio cholerae (EL Tor) infection in Shushtar health care centers

Purpose

Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:

People referred to health centers in Shushtar who are volunteers to attend training course

Exclusion criteria:

Taking part in the similar training course in the past

Age

From **18 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **70**

Randomization (investigator's opinion)

Randomized

Randomization description

According to Invitation to participate in the training program in Shushtar health care centers, volunteers will be randomly assigned to two groups of e-learning and face to face workshop

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Other

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 University of Medical Sciences, Keshavarz Blvd. Tehran Iran

City

Tehran

Province

Tehran

Postal code

1417653761

Approval date

2017-12-17, 1396/09/26

Ethics committee reference number

IR.TUMS.VCR.REC.1396.4267

Health conditions studied

1

Description of health condition studied

Clients knowledge, attitude and practice about Vibrio cholerae (EL Tor) infection in Shushtar health care centers

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

Clients knowledge, attitude and practice about Vibrio cholerae (EL Tor) infection in Shushtar health care centers

Timepoint

Pretest before educational intervention and post test one month after educational intervention

Method of measurement

Questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: For the E-Learning group a weblog will be designed to deliver the content. The educational blog designing will be done according to the article reviews and guidance of IT engineers and e-learning experts. Furthermore an electronic content will be designed and uploaded to the blog. The Topics of electronic content will be similar to control group (topics approved by the Ministry of Health).

Category

N/A

2

Description

Control group: For the control group, a traditional face to face workshop (lecture with slide show) will be delivered. The session will last 2 hours.

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Shushtar health care centers

Full name of responsible person

Leila Noorifard

Street address

Health department of Shushtar School of Medical Sciences, Next to tax affair building, Shahid Sherafat Blvd.

City

Shushtar

Province

Khouzestan

Postal code

64516-84534

Phone

+98 61 3622 2699

Email

noorifard.leila@gmail.com

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Tehran University of Medical Sciences

Full name of responsible person

Mitra Gharib

Street address

No2, Dolatshahi dead end, Naderi St., Keshavarz BLVD

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Tehran

Province

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Postal code

1416614741

Phone

+98 21 4203 6001

Email

gharibmi@sina.tums.ac.ir

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

Public

Domestic or foreign origin

Domestic

Category of foreign source of funding

empty

Country of origin**Type of organization providing the funding**

Academic

Person responsible for general inquiries

Contact**Name of organization / entity**

Ahvaz University of Medical Sciences

Full name of responsible person

Leila Noorifard

Position

Center for Disease Control and Prevention employee

Latest degree

Bachelor

Other areas of specialty/work

Public Health

Street address

Health department of Shushtar School of Medical Sciences, Shahid Sherafat Blvd.

City

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Province

Khouzestan

Postal code

64516-84534

Phone

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Email

noorifard.leila@gmail.com

Person responsible for scientific inquiries

Contact**Name of organization / entity**

Tehran University of Medical Sciences

Full name of responsible person

Mitra Gharib

Position

Assistant professor

Latest degree

Ph.D.

Other areas of specialty/work

Distance Education planning

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No2, Dolatshahi dead end, Naderi St., Keshavarz BLVD, Tehran. Iran

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Tehran

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Email

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Person responsible for updating data

Contact**Name of organization / entity**

Ahvaz University of Medical Sciences

Full name of responsible person

Leila Noorifard

Position

Center for Disease Control and Prevention employee

Latest degree

Bachelor

Other areas of specialty/work

Public Health

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Sharing plan

Deidentified Individual Participant Data Set (IPD)

Yes - There is a plan to make this available

Study Protocol

Yes - There is a plan to make this available

Statistical Analysis Plan

Yes - There is a plan to make this available

Informed Consent Form

Yes - There is a plan to make this available

Clinical Study Report

Yes - There is a plan to make this available

Analytic Code

Yes - There is a plan to make this available

Data Dictionary

Yes - There is a plan to make this available

Title and more details about the data/document

The questionnaire and the survey results about clients' knowledge, attitude and practice will be published in a scientific (Either Farsi or English language) journal

When the data will become available and for how long

Access to data will be possible after the publication of the article in a scientific journal.

To whom data/document is available

Researchers practicing in universities or academic institutions can have access to data

Under which criteria data/document could be used

Researchers can use the questionnaire for similar research.

From where data/document is obtainable

Researchers can reach us via the following contact details. Address: No2, Dolatshahi dead end, Naderi St., Keshavarz BLVD, Tehran, Iran Postal Code: 1416614741 Tel: +98 21 4203 6001

What processes are involved for a request to access data/document

15 days after receiving a written request from a researcher, the requested data will be emailed to him/her.

Comments