

Clinical Trial Protocol

Iranian Registry of Clinical Trials

05 Jul 2026

Clinical trial comparison between two educational methods of lecture presentation and CD based in learning the control of nuclear contamination among medical interns

Protocol summary

Summary

Objectives: comparison of two methods of nuclear contamination control education to medical students (interns) on their knowledge about this topic. Design: The randomized clinical trial among the interns of Semnan University of Medical Sciences. Setting and conduct: 100 Interns will be randomized and assigned to two groups. For one group, a CD containing one hour of nuclear contamination control educational movies will be delivered and for the other group, one hour face to face education was delivered to the participants using PowerPoint software to show slides of nuclear contamination control. The evaluation with questionnaire will be done before and after education. After one month the interns will be reevaluated with the questionnaire sending via e-mail. Inclusion criteria: being Intern at Semnan University of Medical Sciences. Exclusion criteria: not be interested in participating in the study. Interventions; Intervention group: In this group, a CD was delivered to the participants, containing one hour educational movies of nuclear contamination control. Control group: In this group, one hour face to face education was delivered to the participants using PowerPoint software to show slides of nuclear contamination control. Main outcome measures (variable): interns' knowledge

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017011832041N1**

Registration date: **2017-02-27, 1395/12/09**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2017-02-27, 1395/12/09

Registrant information

Name

Atiyeh Bazargani

Name of organization / entity

Semnan University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 23 3343 7821

Email address

khoshnezhad@semums.ac.ir

Recruitment status

Recruitment complete

Funding source

The development of clinical research and medical training center and Kosar research unit, Vice chancellor for research of Semnan University of Medical Sciences

Expected recruitment start date

2017-01-20, 1395/11/01

Expected recruitment end date

2017-05-22, 1396/03/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Clinical trial comparison between two educational methods of lecture presentation and CD based in learning the control of nuclear contamination among medical interns

Public title

Comparison of two methods of nuclear contamination control education among medical interns

Purpose

Health service research

Inclusion/Exclusion criteria

Inclusion criteria: medical interns of Semnan University of Medical Sciences
Exclusion criteria: lack of interest to participate in the study

Age

No age limit

Gender

Both

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: 100

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Table of random numbers

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Semnan University of Medical Sciences

Street address

Kosar Hospital, Basij Ave.

City

Semnan

Postal code

Approval date

2017-01-03, 1395/10/14

Ethics committee reference number

IR.SEMUMS.REC.1395.161

Health conditions studied

1

Description of health condition studied

Those with a role in health care for specific services and health care

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

knowledge

Timepoint

Before and After training, One month after training

Method of measurement

Questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: In this group, a CD was delivered to the participants, containing one hour educational movies of nuclear contamination control.

Category

Other

2

Description

Control group: In this group, one hour face to face education was delivered to the participants using PowerPoint software to show slides of nuclear contamination control.

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Kosar Hospital and Imam Ali Hospital in Semnan

Full name of responsible person

Atiyeh Bazargani

Street address

Kowsar Hospital, Basij Blvd; Imam Ali Hospital, In front of Charsad Dastgah units, Mostafa Khomeini Ave.

City

Semnan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Kosar Center Research Development Unit

Full name of responsible person

Dr Daruoosh Pahlavan

Street address

Kosar Hospital, Basij Ave.

City

Semnan

Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

Kosar Center Research Development Unit

Proportion provided by this source**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***2****Sponsor****Name of organization / entity**

Vice chancellor for research, Semnan University of Medical Sciences

Full name of responsible person

Prof Ali Rashidy-pour

Street address

Laboratory of Learning and Memory, Physiological Research Center, Semnan University of Medical Sciences, Semnan, Iran P. O. Box: 35195-163

City

Semnan

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, Semnan University of Medical Sciences

Proportion provided by this source**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**

Semnan University of Medical Sciences

Full name of responsible person

Dr Hamidreza Khoshnezhad Ebrahimi

Position

Emergency Medicine Specialist/Assistant Professor

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

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Web page address**Person responsible for scientific inquiries****Contact****Name of organization / entity**

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Semnan University of Medical Sciences

Full name of responsible person

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Position

Medical Student

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

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00

Fax**Email**

atiye.bazargani@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