

Clinical Trial Protocol

Iranian Registry of Clinical Trials

09 Jun 2026

The effect of scenario-based education on the knowledge and attitudes of pre-hospital emergency first responder and technicians Figure

Protocol summary

Summary

This is a randomized quasi-experimental study performing among Qom paramedics and technicians employed at the emergency center. Since the study is interventional education and training is conducted by the main researchers of the project, any blind study isn't done. Inclusion criterion of study is to have at least operational one - year experience in emergency 115 and exclusion criterion with lack of regular participation in educational programs. The Total sample size is 320 subjects in this study. The time of this study is 20/1/2015 to 19/4/2015 for 3 months. The first result of the study is to investigate the employed paramedics' and technicians' knowledge and attitudes and other effective factors and finally evaluate effect of training sessions, lectures and Scenario on the staff's knowledge and attitude comparatively .

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2014110219785N1**

Registration date: **2015-02-04, 1393/11/15**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2015-02-04, 1393/11/15

Registrant information

Name

mohammad parvaresh masoud

Name of organization / entity

Qom University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 37729595

Email address

mparvaresh@muq.ac.ir

Recruitment status

Recruitment complete

Funding source

Qom University of Medical Sciences

Expected recruitment start date

2015-01-20, 1393/10/30

Expected recruitment end date

2015-04-19, 1394/01/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of scenario-based education on the knowledge and attitudes of pre-hospital emergency first responder and technicians Figure

Public title

The effect of education on scenario based

Purpose

Other

Inclusion/Exclusion criteria

Inclusion criteria: Persons have one year of experience in field. Exclusion criteria: Irregularly participate in educational programs.

Age

From **20 years** old to **58 years** old

Gender

Male

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 320

Randomization (investigator's opinion)

N/A

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Single

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Qom University of Medical Sciences

Street address

Saheli st.Qom University of Medical Sciences

City

Qom

Postal code

Approval date

2014-10-17, 1393/07/25

Ethics committee reference number

muq.rec.1393.59

Health conditions studied

1

Description of health condition studied

Relation of scenario-based education with lecture on the knowledge and attitudes of pre-hospital emergency first responder and technicians Figure

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

knowledge

Timepoint

Before and three months after of study intervention

Method of measurement

Standardized questionnaire

2

Description

attitude

Timepoint

Before and three months after of study intervention

Method of measurement

Standardized questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

Education

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Qom University of Medical Sciences

Full name of responsible person

Mohammad Parvaresh Masoud

Street address

Center of EMS, St 15Khordad, Qom, Iran

City

Qom

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Qom University of Medical Sciences

Full name of responsible person

Dr. Saghafi

Street address

No83, Sub 41/1 Alley Safashahr, Qom, Iran

City

Qom

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Qom 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

Qom University of Medical sciences

Full name of responsible person

Mohammad Parvaresh Masoud

Position

Deputy Paramedical School in Qom

Other areas of specialty/work

Street address

Saheli st, Qom University of Medical Sciences, Qom,
Islamic Republic Of Iran

City

Qom

Postal code

Phone

+98 25 3772 9595

Fax

Email

m_parvaresh_m@yahoo.com

Web page address

Fax

Email

m_parvaresh_m@yahoo.com

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Qom University of Medical Sciences

Full name of responsible person

Mohammad Parvaresh Masoud

Position

MS Critica care nursing

Other areas of specialty/work

Street address

No8, Alley6, Janbazan st Ghaleh kamkar. Qom, Iran

City

Qom

Postal code

Phone

+98 25388611156

Fax

Email

m_parvaresh_m@yahoo.com

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Qom University of Medical Sciences

Full name of responsible person

Mohammad Parvaresh Masoud

Position

MS Critica care nursing

Other areas of specialty/work

Street address

No8, Alley6, Janbazan st Ghaleh kamkar, Qom, Iran

City

Qom

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Phone

+98 25388611156

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