

# 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**

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## Person responsible for updating data

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**Position**

MS Critica care nursing

**Other areas of specialty/work**

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## Person responsible for scientific inquiries

### Contact

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**Position**

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**Other areas of specialty/work**

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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*