

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

27 Jun 2026

### Effect of training course on knowledge and practice of nursing students about prehospital triage

#### Protocol summary

##### Summary

In This quasi experimental study samples will select from third and fourth year students of Nursing and Midwifery Qom University of Medical Sciences randomly. Researcher evaluate the knowledge and performance of students in a simulated mass triage accident victims. 70 samples will be selected. Training of nursing students will be according to START triage method in two 2-hour sessions. Students also learn about the principles and concepts of nursing in emergencies and will be familiar with START Triage with good communication skills, creative thinking and practical problem-solving process. After the education expected students, triage victims (mannequin) in the shortest possible time and least error.

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT2016060819785N2**  
Registration date: **2016-07-14, 1395/04/24**  
Registration timing: **registered\_while\_recruiting**

Last update:

Update count: **0**

##### Registration date

2016-07-14, 1395/04/24

##### 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

Deputy of Research Qom University of Medical Sciences

##### Expected recruitment start date

2016-07-05, 1395/04/15

##### Expected recruitment end date

2016-08-05, 1395/05/15

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

Effect of training course on knowledge and practice of nursing students about prehospital triage

##### Public title

Effect of training course on knowledge and practice of nursing students about prehospital triage in Qom.

##### Purpose

Other

##### Inclusion/Exclusion criteria

Participators in training courses.

##### Age

No age limit

##### Gender

Both

##### Phase

N/A

##### Groups that have been masked

No information

##### Sample size

Target sample size: **70**

##### 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**

Lavasani St.

**City**

Qom

**Postal code**

**Approval date**

2016-05-18, 1395/02/29

**Ethics committee reference number**

ir.sbm.u.rec.1395.26

**Health conditions studied**

1

**Description of health condition studied**

Knowledge and Practice

**ICD-10 code**

**ICD-10 code description**

**Primary outcomes**

1

**Description**

Knowledge

**Timepoint**

Before the study - a month after the intervention

**Method of measurement**

Standardized questionnaire

2

**Description**

Practice

**Timepoint**

Before and one month after training

**Method of measurement**

Practical drill on manikin

**Secondary outcomes**

1

**Description**

Speed of triage

**Timepoint**

Before and one month after training

**Method of measurement**

Chronometer

**Intervention groups**

1

**Description**

Training of nursing students will be according to START triage method in two 2-hour sessions.

**Category**

Other

**Recruitment centers**

1

**Recruitment center**

**Name of recruitment center**

Nursing and Midwifery Qom University of Medical Sciences

**Full name of responsible person**

Mohammad Parvaresh Masoud

**Street address**

**City**

Qom

**Sponsors / Funding sources**

1

**Sponsor**

**Name of organization / entity**

Deputy of research

**Full name of responsible person**

Dr. Hossein saghafi

**Street address**

No.83, Alley 1.1, Alley 4, Deputy of Research Qom University of Medical Sciences

**City**

Qom

**Grant name**

**Grant code / Reference number**

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

Yes

**Title of funding source**

Deputy of research

**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**  
MS critical care of nursing  
**Other areas of specialty/work**  
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## Person responsible for scientific inquiries

### Contact

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## Person responsible for updating data

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## 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*