

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

19 Jun 2026

### Comparison two training methods of lecture and simulation in the training of interns in adherence to Advanced Trauma Life Support (ATLS)

#### Protocol summary

Registration timing: **retrospective**

#### Study aim

Evaluation and Comparison of Two Methods of Speech and Simulation Training in Internet Training in Advanced Trauma Life Support Guidelines

Last update: **2019-11-06, 1398/08/15**

Update count: **0**

#### Registration date

2019-11-06, 1398/08/15

#### Design

Random allocation method was used to randomly allocate lecture and simulation to online groups using Random Allocation software. In both lecture and simulation training methods, students were pre-tested using the Awareness Questionnaire before completing the training, and again after completing the training, both methods were again tested.

#### Registrant information

##### Name

maryam Abaszadeh

##### Name of organization / entity

##### Country

Iran (Islamic Republic of)

##### Phone

+98 23 3234 2000

##### Email address

abbaszade@shmu.ac.ir

#### Settings and conduct

This study was a single blind clinical trial on medical interns introduced to the Emergency Department of Imam Hossein Hospital in Shahrood in 1977.

#### Recruitment status

**Recruitment complete**

#### Funding source

#### Participants/Inclusion and exclusion criteria

Medical interns studying at Shahrood University of Medical Sciences, Desire and Satisfaction for Inclusion. Anyone who was absent from the study for a variety of reasons, including illness at the workplace or in the study process or unwilling to continue in the training process, was excluded.

#### Expected recruitment start date

2018-05-22, 1397/03/01

#### Expected recruitment end date

2019-01-21, 1397/11/01

#### Actual recruitment start date

2018-06-05, 1397/03/15

#### Actual recruitment end date

2019-03-06, 1397/12/15

#### Intervention groups

The study was randomly divided into two groups of 28. The intervention group was evaluated by simulation method and the control group was evaluated by trauma lecture using ATLS guide line.

#### Trial completion date

2019-03-06, 1397/12/15

#### Main outcome variables

Comparison of trauma awareness score using ATLS guide line in two lecture and simulation training groups

#### Scientific title

Comparison two training methods of lecture and simulation in the training of interns in adherence to Advanced Trauma Life Support (ATLS)

#### General information

#### Reason for update

#### Acronym

#### IRCT registration information

IRCT registration number: **IRCT20191101045299N1**

Registration date: **2019-11-06, 1398/08/15**

#### Public title

Comparison two training methods of lecture and simulation in the training of interns

## Purpose

Education/Guidance

## Inclusion/Exclusion criteria

### Inclusion criteria:

Studied at Shahroud University of Medical Sciences  
Desire and Satisfaction for Inclusion

### Exclusion criteria:

Not all people who were absent from the workplace or in the process for a variety of reasons, including illness  
Unwillingness to participate in the training process

## Age

No age limit

## Gender

Both

## Phase

N/A

## Groups that have been masked

- Data analyser

## Sample size

Target sample size: **56**

Actual sample size reached: **56**

## Randomization (investigator's opinion)

Randomized

## Randomization description

Random Allocation software was used to randomly assign lecture and simulation to online groups. Random Allocation software was used. Medical interns were divided randomly into two groups of 28 people

## Blinding (investigator's opinion)

Single blinded

## Blinding description

The statistical analyst was unaware of the defined codes for training methods in random allocation.

## Placebo

Not used

## Assignment

Parallel

## Other design features

## Secondary Ids

empty

## Ethics committees

### 1

#### Ethics committee

##### Name of ethics committee

Ethics Committee of Shahroud University of Medical Sciences

##### Street address

Emergency room, Imam Hussein Hospital, Imam Hossein Square

##### City

Shahroud

##### Province

Semnan

##### Postal code

3616739455

## Approval date

2018-05-23, 1397/03/02

## Ethics committee reference number

IR.SHMU.REC.1397.036

## Health conditions studied

### 1

#### Description of health condition studied

score using ATLS guide line in two lecture and simulation training groups

#### ICD-10 code

#### ICD-10 code description

## Primary outcomes

### 1

#### Description

Trauma Awareness Score Using the ATLS Guideline

#### Timepoint

One month course

#### Method of measurement

Questionnaire

## Secondary outcomes

empty

## Intervention groups

### 1

#### Description

Intervention group: The training was done by simulation method. In the simulated method, all the topics were presented as lectures and then all the steps on the collage were taught in a practical manner similar to the actual situation.

#### Category

Other

### 2

#### Description

Control group: Teaching was done using the lecture method. Lessons were delivered internally through lectures or using PowerPoint. Other methods such as instructional videos or practical exercises were not used.

#### Category

N/A

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

Imam Hossein Hospital, Shahroud, Semnan Province

##### Full name of responsible person

Dr. Maryam Abaszadeh

**Street address**

Emergency room, Imam Hussein Hospital, Imam Hossein Square

**City**

Shahroud

**Province**

Semnan

**Postal code**

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**Phone**

+98 23 3239 5009

**Email**

abbaszade@shmu.ac.ir

**Sponsors / Funding sources****1****Sponsor****Name of organization / entity**

Shahroud University of Medical Sciences

**Full name of responsible person**

Dr. Mohammad Hossan Imamian

**Street address**

Research Deputy, second floor, medical school, shahroud university of medical sciences, haftetir squar, tehran avenue, shahroud, iran, shahroud univer

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Shahroud

**Province**

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**Postal code**

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

Yes

**Title of funding source**

Shahroud 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**

Shahroud University of Medical Sciences

**Full name of responsible person**

Dr. Seyed Meysam Yekesadat

**Position**

Associate professor

**Latest degree**

Specialist

**Other areas of specialty/work**

Emergency Medicine

**Street address**

Emergency room, Imam Hussein Hospital, Imam Hossein Square

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**Province**

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**Email**

Dr.semeye@gmail.com

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

Shahroud University of Medical Sciences

**Full name of responsible person**

Dr. Seyed Meysam Yekesadat

**Position**

Associate professor

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**Person responsible for updating data****Contact****Name of organization / entity**

Shahroud University of Medical Sciences

**Full name of responsible person**

Dr. Maryam Abaszadeh

**Position**

Doctor

**Latest degree**

Specialist

**Other areas of specialty/work**

Emergency Medicine

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**Province**

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**Postal code**

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**Phone**

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**Email**

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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**

Undecided - It is not yet known if there will be 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**

Undecided - It is not yet known if there will be a plan to make this available

**Data Dictionary**

Undecided - It is not yet known if there will be a plan to make this available

**Title and more details about the data/document**

All data collected will be shared after the individuals are identified and analyzed.

**When the data will become available and for how long**

2019

**To whom data/document is available**

for all scholars

**Under which criteria data/document could be used**

for use in study

**From where data/document is obtainable**

supervisor

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

by email

**Comments**