

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

3616739455

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

City

Shahroud

Province

Semnan

Postal code

3614773947

Phone

+98 23 3239 5009

Email

abbaszade@shmu.ac.ir

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

City

Shahroud

Province

Semnan

Postal code

3616739455

Phone

0098233234200

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

Latest degree

Specialist

Other areas of specialty/work

Emergency Medicine

Street address

Emergency room, Imam Hussein Hospital, Imam Hossein Square

City

shahroud

Province

Semnan

Postal code

3616739455

Phone

0098233234200

Email

Dr.semeye@gmail.com

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

Street address

Emergency room, Imam Hussein Hospital, Imam Hossein Square

City

shahrud

Province

Semnan

Postal code

3616739455

Phone

0098233234200

Email

abbaszade@shmu.ac.ir

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