

Clinical Trial Protocol

Iranian Registry of Clinical Trials

13 Jun 2026

Comparison of pamphlet, multimedia content and face to face training in performance of nurses in ESI.v4 triage in Kermanshah Medical University hospitals.

Protocol summary

Summary

Aim: To study effectiveness of three different methods of teaching (multimedia content, pamphlet and lecture) in performance of triage's nurses. Study population: Triage nurses of 3 general hospital of Kermanshah. At the beginning, 3 general hospitals with relatively similar patient's entrance (according to available statistics) among Kermanshah University Hospitals would be selected. Among all triage nurses, according to sample size (36 ones), some would be randomly selected and their current performance as triage nurses would be evaluated by comparing triage's paper which is filled by each triage nurse (as a pretest). The emergency medicine specialist (the manager of triage committee in west of Iran) would be the nurses' performance inspector. After that three educational packages would be designed and produced according to national guideline of triage. These packages are triage pamphlets, multimedia content and lecture workshop. We randomly assign each package to each hospital, which means all triage nurses in one hospital would study pamphlets and so on. After the intervention; to measure primary outcome: the triage papers would be assessed again (as the post test), the results of each group would be analyzed and compared with two other ones.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015122123982N3**

Registration date: **2016-03-01, 1394/12/11**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2016-03-01, 1394/12/11

Registrant information

Name

Rita Mojtahedzadeh

Name of organization / entity

Tehran University of Medical Sciences

Country

Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Vice Chancellor of Research, Tehran University of Medical Sciences

Expected recruitment start date

2016-03-05, 1394/12/15

Expected recruitment end date

2016-05-04, 1395/02/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of pamphlet, multimedia content and face to face training in performance of nurses in ESI.v4 triage in Kermanshah Medical University hospitals.

Public title

Comparison of pamphlet, multimedia content and face to face training in performance of nurses in triage

Purpose

Other

Inclusion/Exclusion criteria

All triage nurses of general hospitals in Kermanshah are eligible to enter the study. Inclusion: All nurses who are currently working in triage in 3 selected general hospitals of Kermanshah Exclusion criteria: if a new nurse was added to triage staff, with prior history of participating in workshop of ESI. v4 triage. will be excluded.

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 36

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Tehran University of Medical sciences

Street address

Ethics Committee, Technology and Research office,
Ghods st., Keshavarz Blvd.

City

Tehran

Postal code

Approval date

2015-12-08, 1394/09/17

Ethics committee reference number

IR.TUMS.REC.1394.1376

Health conditions studied

1

Description of health condition studied

Nurse education

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

Performance of nurses in triage

Timepoint

Before and after intervention

Method of measurement

Investigating triage sheets which is filled by learners

Secondary outcomes

empty

Intervention groups

1

Description

Intervention: Studying multimedia content in one month

Category

Other

2

Description

Intervention: studying pamphlets in one month

Category

Other

3

Description

Control: participating in lecture class in one month

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Imam Reza Hospital

Full name of responsible person

Dr. Seyed Ali Hoseini

Street address

City

Kermanshah

2

Recruitment center

Name of recruitment center

Taleghani Hospital

Full name of responsible person

Dr. Seyed Ali Hoseini

Street address

City

Kermanshah

3

Recruitment center

Name of recruitment center

Shohada Hospital

Full name of responsible person

Dr. Seyed Ali Hoseini

Street address

City

Kermanshah

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice Chancellor of Research, Tehran University of Medical Sciences

Full name of responsible person

Dr. Masoud Yunesian

Street address

Deputy of Research and Technology, Ghods st., Keshavarz Blvd.

City

Tehran

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Vice Chancellor of Research, Tehran 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

Kermanshah University of Medical Sciences

Full name of responsible person

Seyed Ali Hosseini

Position

Assistance Professor/Emergency Medicine Specialist, Chairman of Triage Committee in West of Iran

Other areas of specialty/work

Street address

Emergency Ward-Imam Reza Hospital -Imam Reza Blvd.-Kermanshah

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Person responsible for scientific inquiries

Contact

Name of organization / entity

Virtual School of Tehran University of Medical Sciences

Full name of responsible person

Rita Mojtahedzadeh

Position

Vice Dean of Education/MD, MPH, PHD

Other areas of specialty/work

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Person responsible for updating data

Contact

Name of organization / entity

Virtual School of Tehran University of Medical Sciences

Full name of responsible person

Rita Mojtahedzadeh

Position

Vice Dean of education /MD, MPH, PHD

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Fax

Email

Web page address

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