Clinical Trial Protocol
Iranian Registry of Clinical Trials

19 Sep 2026

Clinical trial the effect of training on the attitude and knowledge of the anesthesia and operating room nursing students about teamwork

Protocol summary

Summary

The study of the effect of education on teamwork skills the purpose of this interventionist study is to evaluate the effect of education on the attitude and knowledge of the students of anesthesia and operating room related to teamwork. The participants of this study are the junior and senior students of anesthesia and operating room in bachelor degree who are willing to participate in this study. They would be omitted from the study, if they participated in similar studies, or they were transferal and guest students, or they did not participate in all of the educational sessions. The sample of this study is to students who are divided randomly into control and experimental group, each with 35 students. The students of each group complete the questionnaires of attitude and knowledge of teamwork skills. Intervention for the experimental group involves two workshop sessions related to teamwork in form of lecture, group discussion, movie and scenario play. The time lag of workshop sessions is a week. Control group receives no education. Immediately after the intervention and 3 months after the first session, questionnaires will be completed again by the students of each group. The expected result in this study will be the created changes in the attitude and knowledge of students related to teamwork.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015030421339N1**
Registration date: **2015-08-31, 1394/06/09**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2015-08-31, 1394/06/09

Registrant information

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Zahra Pishgar
Name of organization / entity
Shiraz University of Medical Science
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Iran (Islamic Republic of)
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Recruitment status

Recruitment complete

Funding source

University of Medical Science Shiraz, Vice chancellor for research

Expected recruitment start date

2015-04-21, 1394/02/01

Expected recruitment end date

2015-07-23, 1394/05/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Clinical trial the effect of training on the attitude and knowledge of the anesthesia and operating room nursing students about teamwork

Public title

the effect of training on the teamwork skills

Purpose

Other

Inclusion/Exclusion criteria

Inclusion condition: -Be the junior and senior student of anesthesia and operating room in bachelor degree.-Be the student of jahrom faculty of Nursing and Allied

Health-Be willing to participate in the study.-Not participated in similar studies.-Not be the transferal or guest student. Exclusion condition: -Not completing the questionnaire.-Not participating in workshop sessions completing.

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)
Randomized

Randomization description

Blinding (investigator's opinion)
Not blinded

Blinding description

Placebo
Not used

Assignment
Parallel

Other design features
Randomizing has been done using table of random numbers.

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee
Ethics committee of Shiraz University of Medical Sciences

Street address
Shiraz University of Medical Sciences, Zand Ave, Shiraz

City
Shiraz

Postal code
71345-1978

Approval date
2015-04-20, 1394/01/31

Ethics committee reference number
94-7466

Health conditions studied

1

Description of health condition studied
-

ICD-10 code
-

ICD-10 code description
-

Primary outcomes

1

Description
Knowledge

Timepoint
Before intervention & immediately after intervention & three month after first session of intervention

Method of measurement
Knowledge test

2

Description
Attitude

Timepoint
Before intervention & immediately after intervention & three month after first session of intervention

Method of measurement
TeamSTEPPS Teamwork Attitude questionnaire

Secondary outcomes

1

Description
-

Timepoint
-

Method of measurement
-

Intervention groups

1

Description
Control group: It receives no intervention.

Category
Other

2

Description
Intervention group: Two workshop sessions will be held, each of which in 4 hours. In the first workshop, after the expression introduction and objectives of the workshop, it will be discussed about the significance of the teamwork for the patient's safety and the reduction of clinical mistakes. In the second workshop, using group discussion and role play, these instruments will be studied more and will be educated through movie play. By the same token, three scenarios will be presented and same questions will be discussed related to each scenario (scenarios have been designed using review of literature and according to real situations). All of the principles of education will be considered in the workshops. One person as a researcher assistant helps

to hold the workshop in two sessions.

Category
Other

Recruitment centers

1

Recruitment center

Name of recruitment center
School of Nursing and Allied Health Jahrom

Full name of responsible person
Zahra Pishgar

Street address
School of Nursing and Allied Health Jahrom, Jahrom, Fars

City
Jahrom

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Shiraz University of Medical Sciences

Full name of responsible person
Dr.Basir Hashemi

Street address
Shiraz University of Medical Sciences, Zand Ave, Shiraz

City
Shiraz

Grant name

Grant code / Reference number

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

Title of funding source
Shiraz 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
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Position
PHD

Other areas of specialty/work

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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