

Clinical Trial Protocol

Iranian Registry of Clinical Trials

20 Jun 2026

Clinical Trial the effect of training on the knowledge and attitude of the Coronary Care Unit nurses about teamwork

Protocol summary

Summary

This interventional study aims to determine the effect of training on the knowledge and attitudes of nurses of Coronary Care Units (CCUs). The sample includes 60 nurses of CCUs of Shiraz AlZahra Heart Hospital who will be selected based on census and randomly allocated to the experimental and control groups. The inclusion criterion is willingness to participate in the study and the exclusion criteria are participating in the similar study, transferring to another ward, not filling out the questionnaires and failure to fully participate in the training sessions. The intervention for the experimental group includes a two-session workshop in the field of teamwork which will be held in the form of lectures, group discussion, videos and scenarios. The control group will receive no training. Both groups will fill out the "Teamwork Attitudes Questionnaire" and the "Teamwork Knowledge Test", before and one month after the intervention. The expected outcomes of this study are the significant changes in the knowledge and attitudes of the participants of the experimental group about teamwork.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016080123199N2**

Registration date: **2016-09-22, 1395/07/01**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2016-09-22, 1395/07/01

Registrant information

Name

Zahra Khademian

Name of organization / entity

Shiraz University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 71 3647 4254

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Recruitment status

Recruitment complete

Funding source

Vice Chancellor for Research, Shiraz University of Medical Sciences

Expected recruitment start date

2016-09-22, 1395/07/01

Expected recruitment end date

2016-11-21, 1395/09/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Clinical Trial the effect of training on the knowledge and attitude of the Coronary Care Unit nurses about teamwork

Public title

The effect of training on the knowledge and attitude of Coronary Care Unit nurses about teamwork

Purpose

Other

Inclusion/Exclusion criteria

Inclusion criterion: Have a desire to participate in the study. Exclusion criteria: If they have participated in the same study; If they be transferred to another department; If they do not fill out the questionnaires

completely; If they do not fully participate in the training sessions.

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 60

Randomization (investigator's opinion)

Randomized

Randomization description**Blinding (investigator's opinion)**

Not blinded

Blinding description**Placebo**

Not used

Assignment

Parallel

Other design features

Randomizing will be done based on random blocks 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

Central Building of Shiraz University of Medical Sciences, Zand Ave, Shiraz, Iran

City

Shiraz

Postal code

0098713451978

Approval date

2016-06-26, 1395/04/06

Ethics committee reference number

IR. SUMS. REC. 1395. 57

Health conditions studied**1****Description of health condition studied**

Training

ICD-10 code**ICD-10 code description****Primary outcomes****1****Description**

Knowledge about teamwork

Timepoint

Before intervention, one month after the intervention

Method of measurement

Teamwork Knowledge Test

Secondary outcomes**1****Description**

Attitude towards teamwork

Timepoint

Before the intervention, one month after the intervention

Method of measurement

Teamwork Attitude Questionnaire

Intervention groups**1****Description**

Intervention group: A workshop in two 4-hour sessions will be held. In the first session introduction and the objectives of the workshop, the importance of teamwork in the patient safety and prevention of clinical errors, teamwork skills and their tools and strategies will be offered. In the second session, the teamwork skills will be discussed and practiced using group discussion, role playing, questioning about scenarios, videos, etc.

Category

Other

2**Description**

Control group: The control group receives no intervention.

Category

N/A

Recruitment centers**1****Recruitment center****Name of recruitment center**

Shiraz AlZahra Heart Hospital

Full name of responsible person

Nejatali Mohebi

Street address

Fatemeh (PBUH) School of Nursing and Midwifery, Namazi Square, Shiraz, Iran.

City

Shiraz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research of Shiraz University of Medical Sciences

Full name of responsible person

Nejatali Mohebi

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Fatemeh (PBUH) School of Nursing and Midwifery, Shiraz University of Medical Sciences, Shiraz, Iran

City

Shiraz

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

Yes

Title of funding source

Vice chancellor for research of 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**

Shiraz University of Medical Sciences

Full name of responsible person

Nejatali Mohebi

Position

Master of Science

Other areas of specialty/work**Street address**

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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