Clinical Trial Protocol
Iranian Registry of Clinical Trials

16 Sep 2026

Clinical trial the study of the effect of education on the quality of patient handover from paramedics to the emergency department staff

Protocol summary

Summary

The aim of this randomized clinical trial is to determine the effect of education on the quality of patient handover from paramedics to the emergency department staff . The study population consisted of 120 paramedics . The sample includes 80 paramedics that are selected by simple randomized method and allocated to the experimental and control group by block randomization. The intervention consisted of a four-hour training session about the importance and method of patient handover. Data are collected using a rating scale. So that 3 patient handovers by any paramedic are observed and documented before and after the intervention. Inclusion criteria are having an associate or higher degree in medical emergency, anesthesia, operating room or nursing and being interested in participation in the study. The exclusion criteria are having no interest in participating in the research and not to participate in the educational program.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015072223293N1**
Registration date: **2016-08-12, 1395/05/22**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2016-08-12, 1395/05/22

Registrant information

Name

Afsane Abdollahzade Sarvestani

Name of organization / entity

School of Nursing and Midwifery, Shiraz University of Medical Sciences, Shiraz, Iran

Country

Iran (Islamic Republic of)

Phone

+98 71 3784 2712

Email address

abdollahzade@sums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice Chancellor for research of Shiraz University of Medical Sciences

Expected recruitment start date

2015-02-04, 1393/11/15

Expected recruitment end date

2015-09-06, 1394/06/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Clinical trial the study of the effect of education on the quality of patient handover from paramedics to the emergency department staff

Public title

The effect of education on the quality of patient handover

Purpose

Health service research

Inclusion/Exclusion criteria

Inclusion criteria: Have an associate or higher degree in disciplines of medical emergency, anesthesia,operating room or nursing; Be interested in participation in the study. Work in Shiraz Disaster Management and Medical Emergency Center. Exclusion criteria: Have no interest in participating in research; Not to participate in the

educational program.

Age

No age limit

Gender

Male

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **80**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Block randomization method is used.

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Shiraz University of Medical Sciencess

Street address

Zand Av, The Central Building of Shiraz University of Medical Sciences, Shiraz, Iran

City

Shiraz

Postal code

Approval date

2015-02-16, 1393/11/27

Ethics committee reference number

CT-9379-7339

Health conditions studied

1

Description of health condition studied

Patient handover

ICD-10 code

-

ICD-10 code description

-

Primary outcomes

1

Description

Quality of patient handover

Timepoint

Before and 2 months after the intervention

Method of measurement

Rating scale

Secondary outcomes

1

Description

-

Timepoint

-

Method of measurement

-

Intervention groups

1

Description

Intervention group: A 4-hours educational program will be held. Educational content include the importance and principles of patient handover, the importance of careful patient assessment and effective communication, the principles of proper emergency reporting and time management in patient handover.

Category

Other

2

Description

Control group: does not receive any intervention

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Shiraz Center of Disaster Management and Medical Emergency

Full name of responsible person

Afsane Abdollahzade

Street address

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

Afsane Abdollahzade Sarvestani

Street address

Zand Av, The Central Building of 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

School of Nursing and Midwifery, Shiraz University of Medical Sciences, Shiraz, Iran

Full name of responsible person

Afsane Abdollahzade Sarvestani

Position

Master of Science in Nursing

Other areas of specialty/work

Street address

Fatemeh (PBUH) School of Nursing and Midwifery, Zand Av, Shiraz, Iran

City

Shiraz

Postal code

Phone

+98 71 3647 4354

Fax

Email

Afsaneabdollahzade@yahoo.com

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

School of Nursing and Midwifery, Shiraz University of Medical Sciences, Shiraz, Iran

Full name of responsible person

Zahra Khademian

Position

PhD in Nursing

Other areas of specialty/work

Street address

Fatemeh (PBUH) School of Nursing and Midwifery, Zand Av, Shiraz, Iran

City

Shiraz

Postal code

Phone

+98 71 3230 5410

Fax

Email

Khademian@sums.ac.ir

Web page address

Person responsible for updating data

Contact

Name of organization / entity

School of Nursing and Midwifery, Shiraz University of Medical Sciences

Full name of responsible person

Afsane Abdollahzade Sarvestani

Position

Other areas of specialty/work

Street address

Fatemeh (PBUH) School of Nursing and Midwifery, Zand Av, Shiraz, Iran

City

Postal code

Phone

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Fax

Email

Afsaneabdollahzade@yahoo.com

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