

Clinical Trial Protocol

Iranian Registry of Clinical Trials

28 Sep 2026

The effect of nursing handover education by SBAR Technique on Knowledge, attitude and performance of intensive cardiac care unite nurses of Hospitals affiliated to Jahrom University of Medical Sciences

Protocol summary

Study aim

The effect of shifts delivery training on the knowledge, attitude and practice of nurses in cardiac care units is by SBAR.

Design

In this quasi-experimental clinical trial study, 53 nurses working in cardiac care units will be included in the census method (non-random).

Settings and conduct

At first, the goals of the project were explained, and informed consent was made. Then, before the intervention, the nurses completed the knowledge and attitude questionnaires of shift delivery with the method of SBAR and their performance was observed for one week. The intervention included a one-day workshop (8am to 4:30 pm) for three consecutive days in order to provide all nurses with a lecture, group discussion, screening and scenario. Immediately and one month after the intervention, the knowledge and attitude questionnaires were completed by nurses and their performance was observed one month after the intervention.

Participants/Inclusion and exclusion criteria

Inclusion criteria: Having at least a bachelor's degree or a master's degree in nursing; Having a willingness to participate in the study; Having at least six years of work experience in the CCU; Lack of participation in workshops related to the topic of training in the past 6 months; No change in the section of nurses studied during the study period: Exclusion criteria: Change their section; Lack of participation in the workshop; Unwillingness to cooperate and discontinue participation in the research.

Intervention groups

includes 53 nurses working in the cardiac intensive care unit.

Main outcome variables

The expected outcome of this study is the changes in

knowledge , Attitude and performance of nurses about delivery of shifts by SBAR.

General information

Reason for update

Acronym

-

IRCT registration information

IRCT registration number: **IRCT20180222038823N1**

Registration date: **2018-03-17, 1396/12/26**

Registration timing: **retrospective**

Last update: **2018-03-17, 1396/12/26**

Update count: **0**

Registration date

2018-03-17, 1396/12/26

Registrant information

Name

Sedigheh Eghtesadifard

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 71 3235 4818

Email address

eghtesadifard@sums.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2018-01-22, 1396/11/02

Expected recruitment end date

2018-03-12, 1396/12/21

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of nursing handover education by SBAR Technique on Knowledge, attitude and performance of intensive cardiac care unite nurses of Hospitals affiliated to Jahrom University of Medical Sciences

Public title

The effect of nursing handover education by SBAR Technique on Knowledge, attitude and performance

Purpose

Supportive

Inclusion/Exclusion criteria**Inclusion criteria:**

Willing to participate in the study have a bachelor's degree or a nursing masters have completed the informed consent form of the study have at least six months of work experience in the intensive care unit People have not participated in workshops related to the topic of education in the past 6 months The section of the nurses studied has not changed during the research period

Exclusion criteria:

The section of the nurses studied change during the research period People do not participate in the workshop Unwillingness of people to collaborate in planning and refusing to participate in research

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked*No information***Sample size**Target sample size: **53**Actual sample size reached: **53****Randomization (investigator's opinion)**

N/A

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

Not blinded

Blinding description**Placebo**

Not used

Assignment

Single

Other design features

-

Secondary Ids

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Ethics committee of Shiraz University of Medical Sciences

Street address

7th floor, Central Building of Shiraz University of Medical Sciences, Zand Street, Shiraz

City

Shiraz

Province

Fars

Postal code

71345-1978

Approval date

2018-01-15, 1396/10/25

Ethics committee reference number

IR.SUMS.REC.1396.155 کد اخلاق

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 Questionnaire

2**Description**

Attitude

Timepoint

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

Method of measurement

Self-perception Attitude Questionnaire

3**Description**

performance

Timepoint

Two steps before the intervention and one month after the intervention

Method of measurement

Performance observation check list

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: All nurses working in CCU units of Peymaniyeh and Motahari teaching hospitals in Jahrom are invited to participate in a one-day workshop (8 am to 4.30 pm) in PowerPoint, a training video for three consecutive days (in order to create All nurses participate in the event. Subsequently, nurses will be divided into smaller groups of five and six people and will participate in the practical training workshop. The practice workshop will provide five scenarios for each group to answer questions. At the end, the participants will be able to perform the roles of delivering the nurse shift to the nurse and contact the physician to express the patient's condition, which will be implemented by a researcher-made SCAR and non-SAR model by two nurses

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Peymanieh hospital of Jahrom

Full name of responsible person

Mr. Jowkar Abdolazim

Street address

Valiasr Street, Jihad sq, Peymanieh hospital

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2

Recruitment center

Name of recruitment center

Motahari hospital of Jahrom

Full name of responsible person

Dr Rostami Hossein

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Shahid Motahari Blvd, Motahari hospital

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Shiraz University of Medical Sciences

Full name of responsible person

Dr. Poust Froush Fard Ali

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The Central Building, Shiraz University of Medical Sciences, Zand st

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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

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

Shiraz University of Medical Sciences

Full name of responsible person

Parisa Mansoori

Position

Masters Degree in Nursing

Latest degree

Master

Other areas of specialty/work

Nursery

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Person responsible for scientific inquiries

Contact

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Position

Master of Nursing (Medical and Surgical)

Latest degree

Master

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Person responsible for updating data

Contact

Name of organization / entity

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Full name of responsible person

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Position

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Latest degree

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Other areas of specialty/work

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Web page address

Sharing plan

Deidentified Individual Participant Data Set (IPD)

No - There is not a plan to make this available

Justification/reason for indecision/not sharing IPD

No more information

Study Protocol

No - There is not a plan to make this available

Statistical Analysis Plan

No - There is not a plan to make this available

Informed Consent Form

No - There is not a plan to make this available

Clinical Study Report

No - There is not a plan to make this available

Analytic Code

No - There is not a plan to make this available

Data Dictionary

No - There is not a plan to make this available