

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

Investigating the effects of development and establishing alarm management guidelines of devices used in the general intensive care unit on alarm fatigue in nurses working in the Shiraz Nammazi hospital, 2014.

Protocol summary

Summary

The main objective of this study was to develop and establish general guidelines on management of intensive care units alarms on alarm fatigue in nurses working in the ICU. In this study the all of nurses working in the general ICU of Namazee Hospital are present. Inclusion criteria is one of the ICU nurses, did not participate in similar research project, willingness to participate in the study and informed consent and exclusion Criteria is unwillingness to continue to cooperate and Answer of the company in study and did not participate in training sessions. The sample size of this study is 30 items observations that 15 items is before of the intervention and 15 items is after of the intervention. Intervention of this study include education of guidelines of intensive care unit alarms management that is covering the sections such as the introduction of the alarm fatigue, effects and complications of the alarm fatigue and ways for control and prevention of alarm fatigue. this intervention last about one month.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2014080818734N1**

Registration date: **2015-04-25, 1394/02/05**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2015-04-25, 1394/02/05

Registrant information

Name

Amirhossein Yousefinya

Name of organization / entity

Shiraz University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 74 3331 0278

Email address

bayad@sums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice Chancellor for Research and Technology of Shiraz University of Medical Sciences

Expected recruitment start date

2015-02-08, 1393/11/19

Expected recruitment end date

2016-06-08, 1395/03/19

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Investigating the effects of development and establishing alarm management guidelines of devices used in the general intensive care unit on alarm fatigue in nurses working in the Shiraz Nammazi hospital, 2014.

Public title

effects of development and establishing alarm management guidelines of devices used in the general intensive care unit on alarm fatigue in nurses

Purpose

Health service research

Inclusion/Exclusion criteria

Inclusion criteria: one of the ICU nurses; did not

participate in similar research project; not affliction known to nurses and mental illnesses such as depression and anxiety disorders; willingness to participate in the study and informed consent. Exclusion Criteria: unwillingness to continue to cooperate and Ansrf the company in study; did not participate in training sessions

Age

No age limit

Gender

Both

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: 30

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**

Medical Research Ethics Committee of Shiraz
University of Medical Sciences

Street address

Shiraz University of Medical Sciences, zand street,
Namazi Square, Shiraz

City

Shiraz

Postal code

71345-1978

Approval date

2015-02-08, 1393/11/19

Ethics committee reference number

CT-9372-7362

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

Alarm fatigue in the nurses

ICD-10 code

Y70-Y71-Y7

ICD-10 code description

Cardiovascular devices associated with adverse incidents

Primary outcomes**1****Description**

Alarm fatigue in the nurses

Timepoint

Before the intervention - two weeks after the intervention

Method of measurement

Alarm information collection form of the patient monitoring devices

Secondary outcomes

empty

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

Intervention of this study include education of guidelines of intensive care unit alarms management that is covering the sections such as the introduction of the alarm fatifue, effects and complications of the alarm fatigue and ways for control and prevention of alarm fatigue that will be trained to nurses in 3 sessions. this intervention last about one month. the venue of workshops will be in conference hall of the Namazee Hospital's general ICU and each workshop will be of 2 hours duration.

Category

N/A

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

General ICU of the Shiraz Namazee Hospital

Full name of responsible person

Camellia Torabizadeh

Street address

Fatemeh(PBUH) School of Nursing and Midwifery,
Shiraz University of Medical Science, Namazi Square

City

Shiraz

Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

Vice Chancellor for Research, Shiraz University of
Medical Sciences

Full name of responsible person

Sayed Basir Hashemy

Street address

7th floor, zand street, Namazi Square, Shiraz
University of Medical Sciences

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, 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**

Fatemeh(PBUH) School of Nursing and Midwifery,
Shiraz University of Medical Science, Namazi Square

Full name of responsible person

Amirhossein Yousefinya

Position

Master of science in nursing

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

Fatemeh(PBUH) School of Nursing and Midwifery,
Shiraz University of Medical Science, Namazi Square

City

Shiraz

Postal code

71345-1978

Phone

+98 74 3331 0278

Fax

+98 74 3331 0278

Email

ah.yousefinya@yahoo.com; bayad@sums.ac.ir

Web page address**Person responsible for scientific inquiries****Contact****Name of organization / entity**

Shiraz university of medical science

Full name of responsible person

Camelia Torabizadeh

Position

Ph.D in nursing

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

Fatemeh(PBUH) School of Nursing and Midwifery,
Shiraz University of Medical Science, Namazi Square

City

Shiraz

Postal code

71345-1978

Phone

+98 71 3647 4254

Fax

+98 71 3647 4254

Email

torabik@sums.ac.ir

Web page address**Person responsible for updating data****Contact****Name of organization / entity**

Shiraz university of medical science

Full name of responsible person

Camelia Torabizadeh

Position

Ph.D in nursing

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

Fatemeh(PBUH) School of Nursing and Midwifery,
Shiraz University of Medical Science, Namazi Square

City

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Postal code

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Phone

+98 71 3647 4254

Fax

+98 71 3647 4254

Email

torabik@sums.ac.ir

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