

# 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 Ansrf 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**

Seyed 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**

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

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**Full name of responsible person**

Camelia Torabizadeh

**Position**

Ph.D in nursing

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

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**Position**

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**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*