

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

28 May 2026

### The impact of the nosocomial control general standards education on knowledge, attitude and nurses adherence in the ICUs of Medical Educational Centers of Hamadan University of Medical Science

#### Protocol summary

##### Summary

Aim: Determination of impact of the nosocomial control general standards education on knowledge, attitude and nurses adherence in the ICUs of Medical Educational Centers of Hamadan University of Medical Sciences. Inclusion criteria: nurses who work at ICU wards as official or on contract or human power design. They can participate in education program of research. Exclusion criteria: nurses who deliver education but could not cooperate for long illness, long permission, transferring and etc. Sample size: about 59 ones(20 ones for test group+39 ones for control group) Intervention: by drawing lost, nurses of one of hospitals ICU ward are considered as test group and another hospital nurses as control group. In each of groups, in both stages of before or after intervention, knowledge, attitude and nurses are considered by questionnaire, the there stage nurses' attitude in respecting general standards of nosocomial control is under investigation observing check list.To avoid any error in entering data some people not concerned in research are getting taught by observation and they will be asked to do the observation. Type of intervention: attending workshops for re-education of nosocomial control general standards(5 work shop in small groups for the nurses according to their shifts)will held on theoretic and practical form in the concerning ward in nurses'need.Also some posters and theaching pamphlets will be provided and they will be delivered those packets. Intervention time: about one month. Cosequences:promotion of knowledge, attitude and nurses adherence in nosocomial control general standards in test group after intervention.

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT2012082810686N1**

Registration date: **2012-12-01, 1391/09/11**

Registration timing: **registered\_while\_recruiting**

Last update:

Update count: **0**

##### Registration date

2012-12-01, 1391/09/11

##### Registrant information

###### Name

Shiva Gomarverdi

###### Name of organization / entity

Hamadan University of Medical Science

###### Country

Iran (Islamic Republic of)

###### Phone

+98 81 1827 8802

###### Email address

sh.gomarverdi@umsha.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

Hamadan University of Medical Sciences

##### Expected recruitment start date

2012-11-20, 1391/08/30

##### Expected recruitment end date

2013-03-20, 1391/12/30

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

The impact of the nosocomial control general standards

education on knowledge, attitude and nurses adherence in the ICUs of Medical Educational Centers of Hamadan University of Medical Science

#### Public title

The education of the general nosocomial control standards

#### Purpose

Health service research

#### Inclusion/Exclusion criteria

Inclusion criteria: nurses who work at ICU wards as official or on contract or human power design. They can participate in education program of research. Exclusion criteria: nurses who deliver education but could not cooperate for long illness, long permission, transferring and etc.

#### Age

No age limit

#### Gender

Both

#### Phase

2

#### Groups that have been masked

No information

#### Sample size

Target sample size: 59

#### Randomization (investigator's opinion)

Randomized

#### Randomization description

#### Blinding (investigator's opinion)

Not blinded

#### Blinding description

#### Placebo

Not used

#### Assignment

Parallel

#### Other design features

### Secondary Ids

empty

### Ethics committees

#### 1

##### Ethics committee

###### Name of ethics committee

Hamadan University of Medical Science

###### Street address

Fahmideh Ave, Hamadan University of Medical Science, Nursing & Midwifery School

###### City

Hamadan

###### Postal code

65178

###### Approval date

2012-08-18, 1391/05/28

###### Ethics committee reference number

1836/9/35/16/د/پ

#### 2

##### Ethics committee

###### Name of ethics committee

Hamadan University of Medical Science

###### Street address

Fahmideh Ave, Hamadan University of Medical Science, Nursing & Midwifery School

###### City

Hamadan

###### Postal code

###### Approval date

2012-08-18, 1391/05/28

###### Ethics committee reference number

1836/9/35/16/د/پ

### Health conditions studied

#### 1

##### Description of health condition studied

The general nosocomial control standards

##### ICD-10 code

Z20-Z29

##### ICD-10 code description

Persons with potential health hazards related to communicable diseases

### Primary outcomes

#### 1

##### Description

To determine and compare of the knowledge about general nosocomial infection control of the ICU nurses in the both experimental and control groups before and after intervention

##### Timepoint

Before and one month after intervention

##### Method of measurement

Knowledge Questionnaire

#### 2

##### Description

To determine and compare of the ICU nurses' attitudes about general nosocomial infection control in the both experimental and control groups before and after intervention

##### Timepoint

Before and one month after intervention

##### Method of measurement

Attitude Questionnaire

#### 3

##### Description

To determine and compare of the ICU nurses' adherence about general nosocomial infection control in the both experimental and control groups before and after intervention

##### Timepoint

Before and one month after intervention

**Method of measurement**

Observational Checklist

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

preventions of nurses adherence of the nosocomial control general standards

**Timepoint**

About one month after education

**Method of measurement**

questionnaire

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

Intervention group: Working shop for re-education of nosocomial control general standards(5 work shop in small groups for the nurses according to their shifts)will held in theoretic and practical form in the concerning ward in nurses'need.Also some posters and teaching pamphlets will be provided and delivered to them

**Category**

Behavior

2**Description**

Control group: Without performance of teaching program in common standards of nosocomial control.

**Category**

N/A

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

Medical Educational Center Farshchiyan,Hamadan

**Full name of responsible person**

Shiva Gomarverdi

**Street address**

Medical Educational Center Farshchiyan,Mirzadeh eshghi Ave,Hamadan,Iran

**City**

Hamadan

2**Recruitment center****Name of recruitment center**

Medical Educational Center shahid beheshti,Hamadan

**Full name of responsible person**

Shiva Gomarverdi

**Street address**

Medical Educational Center shahid beheshti,Eram Ave,Hamadan,Iran

**City**

Hamadan

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

Hamadan University of Medical Sciences

**Full name of responsible person**

Dr. Heydare Tavilani

**Street address**

Vic-chancellor of Research a Technology, Hamadan University of Medical Science, Fahmideh Ave

**City**

Hamadan

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

Yes

**Title of funding source**

Hamadan 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**

Hamadan University of Medical Sciences

**Full name of responsible person**

Shiva Gomarverdi

**Position**

Graduate students in intensive care

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

Fahmideh Ave, Hamadan University of Medical Science,Nursing & Midwifery School

**City**

Hamadan

**Postal code**

65178

**Phone**

+98 81 1838 0150

**Fax****Email**

sh.gomarverdi@umsha.ac.ir; sh.shadi22@yahoo.com

**Web page address**

## Person responsible for scientific inquiries

### Contact

**Name of organization / entity**

Hamadan University of Medical Science

**Full name of responsible person**

Dr. Mahnaz Khatiban

**Position**

Phd

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

Fahmideh Ave, Hamadan University of Medical Science, Nursing & Midwifery School

**City**

Hamadan

**Postal code**

65178

**Phone**

+98 81 1838 0755

**Fax**

+98 81 1838 0762

**Email**

m-khatiban@umsha.ac.ir;  
mahnaz.khatiban@gmail.com

**Web page address**

## Person responsible for updating data

### Contact

**Name of organization / entity**

Hamadan University of Medical Sciences

**Full name of responsible person**

Shiva Gomarverdi

**Position**

Graduate students in intensive care

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

Fahmideh Ave, Hamadan University of Medical Science, Nursing & Midwifery School

**City**

Hamadan

**Postal code**

65178

**Phone****Fax****Email**

sh.gomarverdi@umsha.ac.ir; sh.shadi22@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*