

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

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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 outcomes1**Description**

preventions of nurses adherence of the nosocomial control general standards

Timepoint

About one month after education

Method of measurement

questionnaire

Intervention groups1**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 centers1**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 sources1**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**

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Person responsible for scientific inquiries

Contact

Name of organization / entity

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Full name of responsible person

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Position

Phd

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Person responsible for updating data

Contact

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Full name of responsible person

Shiva Gomarverdi

Position

Graduate students in intensive care

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

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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