

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

The Effect of Nurses' Education on the Correct Application of Physical Restraints in Intensive Care Unit.

Protocol summary

Summary

This research is a non-randomized controlled quasi-experimental study to determine the effect of education on nurses on the proper use of physical inhibitors in an intensive care unit that is done just before and after an intervention group and will be compared with a control group in Beheshti hospital of Babol and Imam Khomeini hospital of Sari. After obtaining permission from the ethics committee of mazandaran university of medical sciences , Demographic questionnaire and forms to collect information will be given to each nurse on each shift. Then , on each unit, for the number of nurses will be completed and rate of usage of physical inhibitors and its correct and incorrect cases will be calculated and recorded. This study will be continued until the number of 51 nurses in the intervention group before and after education and the number of 51 people in the control group will be completed in three shifts , morning , evening and night. The interval between the end of training and beginning of the study in the intervention group and collection information of educational intervention by the researcher will be presented during a four-hour session. Then , the pamphlet with educational content will be provide. After 15 days a review will be carried out.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016052919677N2**
Registration date: **2016-07-01, 1395/04/11**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2016-07-01, 1395/04/11

Registrant information

Name

Ravanbakhsh Esmaeili

Name of organization / entity

Mazandaran University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 11 3336 7345

Email address

r.esmaeili@mazums.ac.ir

Recruitment status

Recruitment complete

Funding source

Mazandaran University of Medical Sciences School of Nursing and Midwifery Nusseibeh

Expected recruitment start date

2016-04-20, 1395/02/01

Expected recruitment end date

2016-06-20, 1395/03/31

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The Effect of Nurses' Education on the Correct Application of Physical Restraints in Intensive Care Unit.

Public title

The Effect of Nurses' Education on the Correct Application of Physical Restraints in Intensive Care Unit.

Purpose

Supportive

Inclusion/Exclusion criteria

The criteria for inclusion in this study and clinical experience working in the intensive care unit for more than six months for patients in ICU nurses who

continually pay them. Exclusion criteria included lack of desire to participate in the study and training requirements regarding the use of physical inhibitors in patients.

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **51**

Randomization (investigator's opinion)

Not randomized

Randomization description

Blinding (investigator's opinion)

Double blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Mazandaran University of Medical Sciences Research
Center Technology

Street address

Sari, Mazandaran field of teacher

City

Sari

Postal code

Approval date

2016-04-13, 1395/01/25

Ethics committee reference number

IR.MAZUMS.REC.95.2184

Health conditions studied

1

Description of health condition studied

Physical inhibitor intensive care patients

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

The effects of physical training on the proper use of inhibitors

Timepoint

Before mating and 15 days after intercourse

Method of measurement

check list

Secondary outcomes

empty

Intervention groups

1

Description

In the control group did not cause any interference.

Category

Other

2

Description

After obtaining permission from the ethics committee of mazandaran university of medical sciences , Demographic questionnaire and forms to collect information will be given to each nurse on each shift. Then , on each unit, for the number of nurses will be completed and rate of usage of physical inhibitors and its correct and incorrect cases will be calculated and recorded. This study will be continued until the number of 51 nurses in the intervention group before and after education and the number of 51 people in the control group will be completed in three shifts , morning , evening and night. The interval between the end of training and beginning of the study in the intervention group (before education) and collection information of educational intervention by the researcher will be presented during a four-hour session. Then , the two page pamphlet with educational content will be provide. After 15 days a review will be carried out.

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Hospital Imam Khomeini Sari

Full name of responsible person

mahtabeh Azizpour

Street address

Sari, Mazandaran , Razi Street , Hospital Imam Khomeini

City

Sari

2

Recruitment center

Name of recruitment center

Hospital Shahid Beheshti Babol

Full name of responsible person

mahtabeh Azizpour

Street address

Babol ,Mazandaran , Keshvari Street

City

بابل

Sari, Mazandaran , Amir mazandarani Street, Street joiner Shirazi

City

Sari

Postal code

Phone

+98 11 3336 1702

Fax

Email

azizpoormahtabeh@gmail.com

Web page address

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Mazandaran University of Medical Sciences

Full name of responsible person

Doctor Ahmad Ali Enayati

Street address

Sari, Mazandaran , field of moaallem, Mazandaran University of Medical Sciences

City

Sari

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

Mazandaran 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

Mazandaran University of Medical Sciences - School of Nursing and Midwifery Nusseibeh

Full name of responsible person

mahtabeh Azizpour

Position

Master of Critical Care Nurses

Other areas of specialty/work

Street address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Mazandaran University of Medical Sciences, School of Nursing and Midwifery Nasibeh

Full name of responsible person

doctor Ravanbakhsh Ismaili

Position

Academic staff - assistant

Other areas of specialty/work

Street address

Sari, Mazandaran , Amir mazandarani Street, Street joiner Shirazi

City

Sari

Postal code

Phone

+1 133795555

Fax

Email

r.esmaeili@mazums.ac.ir

Web page address

Person responsible for updating data

Contact

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