Clinical Trial Protocol
Iranian Registry of Clinical Trials

22 Nov 2026

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

Public title

The Effect of Nurses' Education on the Correct Application of Physical Restrains 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

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
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

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

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+1 133795555

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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