Clinical Trial Protocol
Iranian Registry of Clinical Trials

08 Nov 2026

Effect of nonpharmacological interventions educational program on nurses’ perceptions, knowledge, attitude and practice about physical restraints in Intensive Care Units

Protocol summary

Summary

This is a quasi-experimental study with the aim of investigating the effect of non-pharmacological approach training program on the level of perception, knowledge, attitude and practice of nurses who work in intensive care units in the field of physical restraints in Salah al-Din Ayoubi Hospital in Baneh, Iran, before and after intervention will done. After obtaining permission from the Committee of Ethics of Kurdistan University of Medical Sciences and entering the study environment, all nurses working in intensive care units will be selected in a census method. There are currently thirty nurse work in these units. Entry criteria include: Bachelor's degree and above, at least one year of work experience and exit criteria including: not attending the training session, will not be willing to continue cooperation. At first, the questionnaire of demographic information, perception, knowledge, attitude and practice by nurses will be completed and analyzed. The next step is two sessions in two consecutive days and each session for two hours, the nurses will be trained on physical restraints, complications, ethical and legal issues, and alternative methods, after completing the training two weeks later the questionnaires will be distributed and completed again and the results will be compared with the stage before the training.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017070234859N1**
Registration date: **2017-08-09, 1396/05/18**
Registration timing: **prospective**

Last update:
Update count: **0**

Registration date

2017-08-09, 1396/05/18

Registrant information

Name

Mohamad Ahmadi

Name of organization / entity

Kurdisatn

Country

Iran (Islamic Republic of)

Phone

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Email address

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Recruitment status

Recruitment complete

Funding source

Research Committee of Kurdistan University of Medical Sciences

Expected recruitment start date

2017-09-23, 1396/07/01

Expected recruitment end date

2017-11-22, 1396/09/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of nonpharmacological interventions educational program on nurses’ perceptions, knowledge, attitude and practice about physical restraints in Intensive Care Units

Public title

Physical restraints

Purpose

Other

Inclusion/Exclusion criteria

Inclusion criteria: Have a bachelor's degree and higher;- At least one year of work experience; Inclination to participate in research; Nurses working in specialized care units Exclusion criteria: Unwillingness to continue research and complete the press of the sheets; No attendance at the training session; Change the location of service at the time of research

Age

No age limit

Gender

Both

Phase

N/A

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

The intervention will include a group of nurses examining before and after the study

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Kurdistan University of Medical Sciences

Street address

Kurdistan University of Medical Sciences, Pasdaran St.

City

Sanandaj

Postal code

6618634683

Approval date

2017-07-10, 1396/04/19

Ethics committee reference number

IR.MUK.REC.1396/125

Health conditions studied

1

Description of health condition studied

Physical restraints in intensive care units

ICD-10 code

Z55.9 , Z5

ICD-10 code description

Problem related to education and literacy, unspecified

Primary outcomes

1

Description

Perception

Timepoint

Before intervention and two week after intervention

Method of measurement

Questionnaire

2

Description

Knowledge

Timepoint

Before intervention and two week after intervention

Method of measurement

Questionnaire

3

Description

Attitude

Timepoint

Before intervention and two week after intervention

Method of measurement

Questionnaire

4

Description

Practice

Timepoint

Before intervention and two week after intervention

Method of measurement

Questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

This study will be conducted as an interventional study with pre and after intervention evaluation. The intervention will be held as a two-day training session and the target group of nurses will be trained on physical restraints, complications, alternatives, and cares.

Category

Other

Recruitment centers

1

Recruitment center
Name of recruitment center
Salah al-Din Ayubi Hospital, Baneh
Full name of responsible person
Mohamad Ahmadi
Street address
Baneh, Nursing Street, Salah al-Din Ayubi Hospital
City
Baneh

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Deputy of Research of Kurdistan University of Medical Sciences
Full name of responsible person
Mohamad Raman Moluodi
Street address
Kurdistan University of Medical Sciences, Pasdaran St.
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Sanandaj
Grant name
عمومی
Grant code / Reference number
1396
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Deputy of Research of Kurdistan 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

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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