

Clinical Trial Protocol

Iranian Registry of Clinical Trials

27 Sep 2026

Comparing Educational Package and Workshop Strategies on Knowledge, Attitude and Practice of Nurses Using Physical Inhibitors

Protocol summary

Study aim

This study compares the two educational methods of educational package and workshop on the knowledge and attitude of nurses in intensive care units on the application of physical restrictions. Which is provided to an educational package group and is taught to a group in the majority of a workshop, and then a post-test is performed from them

Design

In This Study, 64 Nurses Working In The Intensive Care Unit of Imam Hossein and Bahar Hospital of Shahrood Have All The Conditions For Entering The Study. It Was Randomly Determined In Which Hospital One of The Two Educational Methods of The Workshop and Educational Package Was Presented.

Settings and conduct

The Study Is Done In Two Closed Groups and Workshop In Bahar and Imam Hossein Hospitals. A Nurses' Pretest Was Initially Performed And After Two Weeks of Post-Test Training, Nurses Were Taken. Nurses and Educators Do Not Know How To Divide The Two Groups.

Participants/Inclusion and exclusion criteria

Nurses Working In The Intensive Care Unit Who Work In This Sector For 1 Year And Have No Evidence That They Have Completed A Course on Physical Restraints.

Intervention groups

The First Group Is Provided With A Workshop For Them And The Second Group Is Given A Training Package.

Main outcome variables

Knowledge, Attitude and Practice

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20170720035188N1**

Registration date: **2018-01-21, 1396/11/01**

Registration timing: **retrospective**

Last update: **2018-01-21, 1396/11/01**

Update count: **0**

Registration date

2018-01-21, 1396/11/01

Registrant information

Name

Mohammad Khaje

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 23 3264 4394

Email address

khajem94@medsab.ac.ir

Recruitment status

Recruitment complete

Funding source

The research costs are paid by Sabzevar University of Medical Sciences, which is worth a total of 6,000,000 Rials

Expected recruitment start date

2017-10-26, 1396/08/04

Expected recruitment end date

2017-11-25, 1396/09/04

Actual recruitment start date

2017-10-26, 1396/08/04

Actual recruitment end date

2017-11-25, 1396/09/04

Trial completion date

empty

Scientific title

Comparing Educational Package and Workshop Strategies on Knowledge, Attitude and Practice of Nurses Using Physical Inhibitors

Public title

Comparing Educational Package and Workshop Strategies on Knowledge, Attitude and Practice of Nurses

Using Physical Inhibitors

Purpose
Education/Guidance

Inclusion/Exclusion criteria
Inclusion criteria:
 Having a Bachelor's Degree in Nursing Having a Minimum Working Experience of 1 Year or More Employment In the Intensive Care Unit
Exclusion criteria:
 History of Training Courses on The Use of Physical Inhibitors

Age
No age limit

Gender
Both

Phase
N/A

Groups that have been masked

- Outcome assessor

Sample size
 Target sample size: **64**
 Actual sample size reached: **64**

Randomization (investigator's opinion)
N/A

Randomization description
Blinding (investigator's opinion)
 Single blinded

Blinding description
 The Participants In The Research (Nurses Of The Intensive Care Unit) Were Informed About The Way In Which Education And Research Were Conducted, But The Educational Content And The Division Of The Subjects Into The Two Groups Were Not Known. Also, In The Process Of Providing Education That Was Carried Out Through A Training Package And Workshop, Two Individuals Were Selected Who Were Unaware Of How The Groups Were Divided And Merely Provided Training.

Placebo
Not used

Assignment
Parallel

Other design features
 In This Study, In Addition To Measuring The Two Methods of Training The Workshop And The Educational Package On The Knowledge, Attitude And Practice Of Nurses In The Field Of Application Of Physical Restraints, We Examine The Effects Of Factors Such as Age, Gender, Work Experience On These Three Variables.

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Sabzevar University of Medical

Sciences

Street address

Sabzevar - Asad Abadi Street - Central Organization of Medical Sciences

City

Sabzevar

Province

Razavi Khorasan

Postal code

9613873136

Approval date

2017-07-18, 1396/04/27

Ethics committee reference number

IR.MEDSAB.REC.1396.29

Health conditions studied

1

Description of health condition studied

ICD-10 code

ICD-10 code description

2

Description of health condition studied

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

Attitude

Timepoint

Before The Intervention and Two Weeks After The Intervention

Method of measurement

Standardized Attitude Questionnaire

2

Description

Knowledge

Timepoint

Before The Intervention and Two Weeks After The Intervention

Method of measurement

Standardized Knowledge Questionnaire

3

Description

Practice

Timepoint

Before The Intervention and Two Weeks After The Intervention

Method of measurement

Standardized Practice Questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

Intervention Group: The Training Package of This Group Received a training package, which is a compact disc containing a booklet, pamphlet, and educational clip of English and Persian on the use of physical restrictions, and the duration of the study is 4

Category

Other

2

Description

Intervention group: A workshop for 4 hours in a one-day workshop on in-use training, side effects, ethics, nursing tips before and after using physical restraints.

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Imam Hossein Shahroud Hospital

Full name of responsible person

Monireh Khatibi

Street address

Shahroud, Imam Street, 28-meter End of Ayatollah Towhidi Hospital, Imam Hossein Hospital

City

Shahroud

Province

Semnan

Postal code

۳۶۱۴۷-۷۳۹۴۷

Phone

+98 23 3234 2000

Email

info@shmu.ac.ir

2

Recruitment center

Name of recruitment center

Bahar Shahroud Hospital

Full name of responsible person

Masoumeh Mehdi E

Street address

22 Bahman Avenue opposite the child's park

City

Shahroud

Province

Semnan

Postal code

۳۶۱۴۷-۷۳۹۴۷

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+98 23 3224 7648

Email

info@shmu.ac.ir

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Sabzevar University of Medical Sciences

Full name of responsible person

Dr. Fereshteh Gharat

Street address

Sabzevar - Asad Abadi Street - Central Organization of Medical Sciences

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sabzevar

Province

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Postal code

9613873136

Phone

+98 51 4444 6070

Email

VCRResearch@medsab.ac.ir

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Sabzevar University of Medical Sciences

Proportion provided by this source

100

Public or private sector

Public

Domestic or foreign origin

Domestic

Category of foreign source of funding

empty

Country of origin

Type of organization providing the funding

Academic

Person responsible for general inquiries

Contact

Name of organization / entity

Sabzevar University of Medical Sciences

Full name of responsible person

mohammad khaje

Position

Master's Degree in Internal Surgery Nursing

Latest degree

Bachelor

Other areas of specialty/work

Nursery

Street address

Sabzevar - Asad Abadi Street - Central Organization of

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Fax

Email

mohammadkhaje007@gmail.com

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Sabzevar University of Medical Sciences

Full name of responsible person

Mohsen Koushan

Position

Masters of Nursing Psychology

Latest degree

Master

Other areas of specialty/work

Nursery

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Web page address

Person responsible for updating data

Contact

Name of organization / entity

Sabzevar University of Medical Sciences

Full name of responsible person

mohammad khaje

Position

Master of Internal Surgery Student

Latest degree

Bachelor

Other areas of specialty/work

Nursery

Street address

Shahrud-Miami-Ebrahimabad high up next to mainland

City

mayamey

Province

Semnan

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Phone

+98 23 3264 4394

Fax

Email

mohammadkhaje007@gmail.com

Web page address

Sharing plan

Deidentified Individual Participant Data Set (IPD)

No - There is not a plan to make this available

Justification/reason for indecision/not sharing IPD

In Our Study, We Will Only Receive Information From The Participants about The Graphic Information That is Available To Them In Future articles.

Study Protocol

No - There is not a plan to make this available

Statistical Analysis Plan

No - There is not a plan to make this available

Informed Consent Form

No - There is not a plan to make this available

Clinical Study Report

No - There is not a plan to make this available

Analytic Code

No - There is not a plan to make this available

Data Dictionary

No - There is not a plan to make this available