

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Jun 2026

The effect of Critical care nurses` empowerment program on the differential diagnostic ability of bedsores degree

Protocol summary

Study aim

Determining The effect of nurses empowerment program on the differential diagnostic ability of bedsores degree in critical care units

Design

In this research, 80 eligible nurses of critical care units working in Shahid Modarres and Shohada Tajrish hospitals affiliated to Shahid Beheshti University of Medical Sciences, and assigning them in to two groups of intervention and control by non- randomized allocation method and a code is assigned to each one of them.

Settings and conduct

Holding a four-hour educational workshop at the Shahid Modarres hospital first, by research nurse, giving an educational booklet. and making a working group in one of the social spaces available to all individuals in the intervention group in order to place different photos of the grades of bedsores for 10 days and ask them to identify the grade of the wound.

Participants/Inclusion and exclusion criteria

Inclusion criteria: Working in the critical care units; with at least 6 months of work experience; and Bachelor of Science in Nursing and higher degree. Exclusion criteria: no tendency to continue to participate in the study; no participation in the educational session and empowerment process with any reasons; participation in the same educational program during the last year; obtaining score of 17 or higher on the pre- test.

Intervention groups

Nurses working in Critical care unit

Main outcome variables

Differential diagnosis of bed sore grades in both intervention and control groups

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20171029037074N1**

Registration date: **2018-01-07, 1396/10/17**

Registration timing: **registered_while_recruiting**

Last update: **2018-01-07, 1396/10/17**

Update count: **0**

Registration date

2018-01-07, 1396/10/17

Registrant information

Name

Sharbanoo Okhovati

Name of organization / entity

Tehran univercity of medical scinces

Country

Iran (Islamic Republic of)

Phone

+98 21 6692 7171

Email address

okhovati-sh@razi.tums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Tehran University of Medical Sciences, Tehran, Iran.

Expected recruitment start date

2017-12-18, 1396/09/27

Expected recruitment end date

2018-01-16, 1396/10/26

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of Critical care nurses` empowerment program on the differential diagnostic ability of bedsores

degree

Public title

" The effect of Critical care nurses` empowerment on diagnostic of bedsores degree "

Purpose

Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:

Working in the critical care units With at least 6 months of work experience Bachelor of Science in Nursing and higher degree

Exclusion criteria:

No tendency to continue to participate in the study No participation in the educational session and empowerment process with any reasons participation in the same educational program during the last year obtaining score of 17 or higher on the pre- test

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 80

Randomization (investigator's opinion)

Not 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

Ethics committee of Tehran University of Medical Sciences

Street address

Central Office of Tehran University of Medical Sciences, Corner of Ghods Street, Keshavarz Blvd

City

Tehran

Province

Tehran

Postal code

1417653761

Approval date

2017-08-12, 1396/05/21

Ethics committee reference number

IR-TUMS-FNM-REC-1396-3170

Health conditions studied

1

Description of health condition studied

Bed sore

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

"The differential diagnostic ability of Bed sores degree"

Timepoint

Measurement of Nurses' ability before holding an educational workshop and performing a plan in Cyber space and 1 month after educational workshop and 10 days after Cyber space

Method of measurement

Questionnaire of pre-tes and post-test

Secondary outcomes

empty

Intervention groups

1

Description

Intervention: Holding a four-hour educational workshop at the hospital, by research nurse, giving an educational booklet. and making a working group in one of the social spaces available to all individuals in the intervention group in order to place diffe

Category

Other

2

Description

Control group: there is no intervention.

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Shohada Tajrish hospital

Full name of responsible person

Shahrbanoo Okhovati

Street address

Shardari Street; Tajrish Square; Shohada Tajrish

hospital
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2

Recruitment center

Name of recruitment center
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Full name of responsible person
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Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Deputy of Research of Tehran University of Medical Sciences
Full name of responsible person
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Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Deputy of Research of Tehran 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
School of nursing and midwifery of Tehran University of Medical Sciences
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Person responsible for updating data

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Postal code

Sharing plan

Deidentified Individual Participant Data Set (IPD)

Undecided - It is not yet known if there will be a plan to make this available

Study Protocol

Undecided - It is not yet known if there will be a plan to make this available

Statistical Analysis Plan

Undecided - It is not yet known if there will be a plan to make this available

Informed Consent Form

Undecided - It is not yet known if there will be a plan to make this available

Clinical Study Report

Undecided - It is not yet known if there will be a plan to make this available

Analytic Code

Undecided - It is not yet known if there will be a plan to make this available

Data Dictionary

Undecided - It is not yet known if there will be a plan to make this available