Clinical Trial Protocol
Iranian Registry of Clinical Trials

19 Sep 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
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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

City
Tehran

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1989934148

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2

Recruitment center

Name of recruitment center
Shahid Modarres hospital

Full name of responsible person
Shahrbanoo Okhovati

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Yadegare Imam Highway, Saadat Abad St, Tehran

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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
Dr Maryam Esmaeili

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esmaeiliem@yahoo.com

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

Full name of responsible person
Shahrbanoo Okhovati

Position
Master student of Critical Care Nursing

Latest degree
Bachelor

Other areas of specialty/work
Nursery

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Dr Mirkhani St (Nosrat St), Tohid Sq

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Assistant Professor

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Other areas of specialty/work
Nursery

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Person responsible for updating data

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Latest degree
Bachelor
Other areas of specialty/work
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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