Clinical Trial Protocol
Iranian Registry of Clinical Trials

08 Nov 2026

The effect of assertiveness program on clinical competence, resiliency, and clinical decision making in critical care units nurses

Protocol summary

Study aim
The present study has been done to determine The effect of assertiveness program on clinical competence, resiliency, and clinical decision making in critical care units nurses.

Design
This study is a two-group design, in which 70 nurses of intensive care units were randomly assigned to one of the two experimental groups (35) and control (35).

Settings and conduct
Two hospitals in Hajar and Kashani Shahrekord, randomly and in order to avoid leakage, information about intervention as a confounding variable is studied in one of two groups.

Participants/Inclusion and exclusion criteria
Inclusion criteria: Nurses working in critical care units nurses Have a bachelor's degree or higher Satisfaction of nurses to participate in the study Having at least 6 months of work experience in the critical care unit Lack of previous participation in a curriculum related to assertiveness skills Exclusion criteria: Unwillingness to cooperate and discontinue participation in the study Completed incomplete questionnaires by nurses Failure to attend a training session

Intervention groups
Nurses working in critical care units (CCU-ICU-dialysis),The intervention group is trained in assertiveness skills during 6 sessions of one and a half hours (three times a week), while the control group does not receive.

Main outcome variables
Clinical Competence, Resiliency, Clinical Decision Making

General information

Reason for update

Acronym
ندارد

IRCT registration information
IRCT registration number: **IRCT20091215002861N14**
Registration date: **2018-10-02, 1397/07/10**
Registration timing: **retrospective**

Last update: **2018-10-02, 1397/07/10**
Update count: **0**

Registration date
2018-10-02, 1397/07/10

Registrant information

Name
Reza Masoodi
Name of organization / entity
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Iran (Islamic Republic of)
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Recruitment status
Recruitment complete

Funding source

Expected recruitment start date
2018-08-23, 1397/06/01

Expected recruitment end date
2018-09-21, 1397/06/30

Actual recruitment start date
empty

Actual recruitment end date
empty

Trial completion date
empty

Scientific title
The effect of assertiveness program on clinical competence, resiliency, and clinical decision making in critical care units nurses

Public title
The effect of assertiveness program on clinical competence, resiliency, and clinical decision making in critical care units nurses
Purpose
Education/Guidance
Inclusion/Exclusion criteria
Inclusion criteria:
Inclusion criteria: Nurses working in critical care units nurses Have a bachelor's degree or higher Satisfaction of nurses to participate in the study Having at least 6 months of work experience in the critical care unit Lack of previous participation in a curriculum related to assertiveness skills
Exclusion criteria:
Exclusion criteria: Unwillingness to cooperate and discontinue participation in the study Completed incomplete questionnaires by nurses Failure to attend a training session
Age
From **22 years** old to **60 years** old
Gender
Both

Phase
N/A
Groups that have been masked
No information
Sample size
Target sample size: **70**
Randomization (investigator's opinion)
Randomized
Randomization description
Two hospitals in Hajar and Kashani Shahrekord randomly and in order to avoid leakage, information about intervention as a confounding variable is placed in one of the two intervention and control groups. Then, according to the number of nurses in each department and the share of each direction Entrance to the sample is selected randomly. If nursing does not want to participate in the study, it will be out of research and replaced with another person.
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 Shahrekord University of Medical Sciences
Street address
Building No. 2, Headquarters of Shahrekord Universiy of Medical Sciences, Kashani Blvd, Shahrekord, Iran.
City
Shahrekord
Province
Chahar-Mahal-va-Bakhtiari
Postal code
8815713471
Approval date
2017-10-16, 1396/07/24
Ethics committee reference number
IR.SKUMS.REC.186

Health conditions studied

1

Description of health condition studied
Assertiveness training, critical care units nurses
ICD-10 code
ICD-10 code description

Primary outcomes

1

Description
Clinical Competence
Timepoint
Before the intervention, after intervention and 3 months after
Method of measurement
Clinical Competence Questionnaire

2

Description
Resiliency
Timepoint
Before the intervention, after intervention and 3 months after
Method of measurement
Resiliency Questionnaire

3

Description
Clinical Decision Making
Timepoint
Before the intervention, after intervention and 3 months after
Method of measurement
Clinical Decision Making Questionnaire

Secondary outcomes

1

Description
Job satisfaction
Timepoint

Before the intervention, three months later intervention

Method of measurement

Job Satisfaction Questionnaire

2

Description

Assertiveness

Timepoint

Before the intervention, after intervention, three months later

Method of measurement

Assertiveness Questionnaire

Intervention groups

1

Description

Intervention group: The intervention group Assertiveness training sessions in six sessions, one and a half hours (three times a week).

Category

Behavior

2

Description

Control group: The control group does not receive training.

Category

Behavior

Recruitment centers

1

Recruitment center

Name of recruitment center

The Hajar Hospital ShahreKord

Full name of responsible person

Samira Abbasi

Street address

Parastar street, Shahrekord

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2

Recruitment center

Name of recruitment center

The Kashani Hospital ShahreKord

Full name of responsible person

Samira Abbasi

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Shahre-kord University of Medical Sciences

Full name of responsible person

Dr Kamal Solati

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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

Shahre-kord 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
Shahre-kord University of Medical Sciences

Full name of responsible person
Samira Abbasi

Position
Nursing Master Student

Latest degree
Bachelor

Other areas of specialty/work
Nursery

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Person responsible for scientific inquiries

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Full name of responsible person
Dr Reza Masoodi

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Assisstant Professor of Shahrekord University of Medical Sciences/Ph.D in Nursing Education

Latest degree
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Nursery

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Person responsible for updating data

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Latest degree
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Other areas of specialty/work
Nursery

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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