Clinical Trial Protocol
Iranian Registry of Clinical Trials

31 Oct 2026

The effect of educational program on nurses attitude, self-confidence and practice related to prevention and management of patients violence

Protocol summary

Study aim
Determining the impact of the training program on nurses' attitudes, self-confidence, and practice toward preventing and managing patient violence

Design
A semi-experimental trial with a blind control group will be performed on 72 emergency nursing personnel.

Settings and conduct
The present study is a semi-experimental one-way blind study (a statistical consultant of data type which belongs to which group will be unaware) before and after with the control group, which is based on 72 nurses in selected emergency centers. Yazd shahid sadoughi university of medical sciences (Shahid sadoughi hospital emergency department, Shahid rahnemoun hospital emergency department, Afshar hospital emergency department, Shohada kargar hospital emergency department) will be performed. Coincidentally, 2 sections will be assigned to the test group and 2 sections to the control group

Participants/Inclusion and exclusion criteria
Inclusion criteria: 1. Employment in the emergency department 2. The desire to participate in research 3. At least 6 months of work experience in the emergency department Non-Inclusion criteria: 1. History of participating in violence prevention and management training courses at work

Intervention groups
Intervention group: The test group participates in 3 sessions per week, one session per week for 8 hours, in the place of violence prevention and management training classes Control group: Do not attend training classes

Main outcome variables
Changing nurses' attitudes, Self - confidence, and practice toward preventing and managing patient violence

General information

Reason for update
Acronym
IRCT registration information
IRCT registration number: **IRCT20200523047554N1**
Registration date: **2020-06-02, 1399/03/13**
Registration timing: **prospective**

Last update: **2020-06-02, 1399/03/13**
Update count: **0**

Registration date
2020-06-02, 1399/03/13

Registrant information
Name
seyyedhossein mousavi
Name of organization / entity
Country
Iran (Islamic Republic of)
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+98 35 3233 2376
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Recruitment status
Recruitment complete
Funding source

Expected recruitment start date
2020-06-21, 1399/04/01
Expected recruitment end date
2020-09-21, 1399/06/31
Actual recruitment start date
empty
Actual recruitment end date
empty
Trial completion date
empty

Scientific title

The effect of educational program on nurses attitude, self-confidence and practice related to prevention and management of patients violence

Public title
The effect of violence prevention and management educational program
Purpose
Health service research
Inclusion/Exclusion criteria
Inclusion criteria:
Employment in the emergency department The desire to participate in research At least 6 months of work experience in the emergency department
Exclusion criteria:
History of participating in violence prevention and management training courses at work
Age
No age limit
Gender
Both

Phase
N/A
Groups that have been masked

- Data analyser

Sample size
Target sample size: **72**
Randomization (investigator's opinion)
Randomized
Randomization description
Accidental allocation of sections to intervention and control groups
Blinding (investigator's opinion)
Single blinded
Blinding description
The present study is a semi-experimental one-way blind study (the statistical advisor professor of data type which belongs to which group will be unaware) before and after with the control group.
Placebo
Not used
Assignment
Parallel
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Institutional research ethics committee school of nursing and midwifery & rehabilitation
Street address
School of Nursing Midwifery ,Tehran University of Medical Sciences Nosrat Street. Tohid Square. Tehran .Iran
City
Tehran
Province
Tehran
Postal code
141973317
Approval date
2020-04-28, 1399/02/09
Ethics committee reference number
IR.TUMS.FNM.REC.1399.013

Health conditions studied

1

Description of health condition studied
Violence in the workplace nurses
ICD-10 code
ICD-10 code description

Primary outcomes

1

Description
Attitude score in the questionnaire "Attitude towards violence management"
Timepoint
Before the start of the intervention and 2 months after the end of the last intervention session
Method of measurement
Questionnaire on "Attitudes Towards Violence Management"

2

Description
Self-confidence score in the questionnaire "Confidence in dealing with aggression"
Timepoint
Before the start of the intervention and 2 months after the end of the last intervention session
Method of measurement
Questionnaire on "Confidence in dealing with aggression"

3

Description
Practice score in the Questionnaire "Practice Toward Workplace Violence Questionnaire"
Timepoint
Before the start of the intervention and 2 months after the end of the last intervention session
Method of measurement
Questionnaire "Practice Toward Workplace Violence Questionnaire"

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: Nurses in the intervention group will be tested for "attitudes toward violence management", "confidence in dealing with aggression" and "practice in dealing with violence" at the beginning and before the start of the first training session, and then nursing staff. 3 sessions, one session per week, each session for 8 hours, in the training classes of one of the two hospitals of the test group, in the classes of the training program for prevention and management of workplace violence that will be held by the project manager, under the training of skills Communication with patients, prevention and violence management skills of patients and patients will be provided at work, meetings will be held in the form of lectures, group discussions, scenarios and role-playing. The content of the meetings, which is based on the instructions, includes; Different definitions and types of violence in the workplace, risk factors related to patient violence, ways to prevent and manage violence in the workplace, the response of health care personnel to how to communicate properly with the patient and how to follow up and to satisfy the victims of violence. It is violence. Eight weeks after the last session, all nurses in the test group will take the "Attitude Towards Violence Management" and "confidence in dealing with aggression" and "practice in dealing with violence" tests.

Category

N/A

2

Description

Control group: Nurses in the control group will be tested at the beginning and at the same time as the test group on "Attitudes Towards Violence Management", "confidence in dealing with aggression", and "practice in dealing with violence". These people will not attend training sessions, and 8 weeks after the final training session for the test group, all nurses in the control group will be tested for "Attitudes Towards Violence Management "confidence in dealing with aggression" and "practice in dealing with violence".will be taken

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Emergency wards of Shahid Sadoughi, Shahid Rahnemoun, Afshar and Shohada Kargar hospitals

Full name of responsible person

Seyed Hossein Mousavi

Street address

Shahid Sadoughi University of Medical Sciences, Yazd

City

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Yazd

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8963133819

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mousavi.shm74@gmail.com

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Tehran University of Medical Sciences

Full name of responsible person

Dr Mohamad Ali Sahraeiyan

Street address

Deputy of Research and Technology, Sixth Floor, Central Organization ofTehran University of Medical Sciences, Ghods Street, Keshavarz Boulevard

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1419733171

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nmcrc@tums.ac.ir

Grant name

Grant code / Reference number

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

Yes

Title of funding source

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

Tehran University of Medical Sciences

Full name of responsible person

Seyed Hossein Mousavi

Position

Master of Psychiatric Nursing

Latest degree
Bachelor
Other areas of specialty/work
Nursery
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Person responsible for updating data

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Sharing plan

Deidentified Individual Participant Data Set (IPD)
Yes - There is a plan to make this available
Study Protocol
Yes - There is a plan to make this available
Statistical Analysis Plan
Yes - There is a plan to make this available
Informed Consent Form
Yes - There is a plan to make this available
Clinical Study Report
Yes - There is a plan to make this available
Analytic Code
Yes - There is a plan to make this available
Data Dictionary
Yes - There is a plan to make this available
Title and more details about the data/document
Information on the main consequence
When the data will become available and for how long
22 - 8 - 2020
To whom data/document is available
Researchers working in academic and scientific institutions
Under which criteria data/document could be used
The data obtained are analyzed by SPSS software version 16 and the use of appropriate statistical methods of descriptive statistics (distribution tables, mean and standard deviation) and inferential statistics (independent t-test, analysis of variance and chi-square).
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From where data/document is obtainable
mousavi.shm74@gmail.com
What processes are involved for a request to access data/document
mousavi.shm74@gmail.com
Comments
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