

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 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)

Phone

+98 35 3233 2376

Email address

mousavi.shm74@gmail.com

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

Meybod

Province

Yazd

Postal code

8963133819

Phone

+98 35 3233 2376

Email

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 of Tehran University of Medical Sciences, Ghods Street, Keshavarz Boulevard

City

Tehran

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Tehran

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1419733171

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+98 21 8163 3619

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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 scientific inquiries**Contact****Name of organization / entity**

Tehran University of Medical Sciences

Full name of responsible person

Seyyedhossein Mousavi

Position

Master of Psychiatric Nursing student

Latest degree

Bachelor

Other areas of specialty/work

Nursery

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Person responsible for updating data**Contact****Name of organization / entity**

Tehran University of Medical Sciences

Full name of responsible person

Seyyed Hossein Mousavi

Position

Master of Psychiatric Nursing student

Latest degree

Bachelor

Other areas of specialty/work

Nursery

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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).

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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