

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

08 Sep 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

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| The effect of educational program on nurses attitude, self-confidence and practice related to prevention and management of patients violence                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                | <b>City</b><br>Tehran<br><b>Province</b><br>Tehran<br><b>Postal code</b><br>141973317<br><b>Approval date</b><br>2020-04-28, 1399/02/09<br><b>Ethics committee reference number</b><br>IR.TUMS.FNM.REC.1399.013                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Public title</b><br>The effect of violence prevention and management educational program<br><b>Purpose</b><br>Health service research<br><b>Inclusion/Exclusion criteria</b><br><b>Inclusion criteria:</b><br>Employment in the emergency department The desire to participate in research At least 6 months of work experience in the emergency department<br><b>Exclusion criteria:</b><br>History of participating in violence prevention and management training courses at work<br><b>Age</b><br>No age limit<br><b>Gender</b><br>Both<br><b>Phase</b><br>N/A<br><b>Groups that have been masked</b> <ul style="list-style-type: none"> <li>Data analyser</li> </ul> <b>Sample size</b><br>Target sample size: 72<br><b>Randomization (investigator's opinion)</b><br>Randomized<br><b>Randomization description</b><br>Accidental allocation of sections to intervention and control groups<br><b>Blinding (investigator's opinion)</b><br>Single blinded<br><b>Blinding description</b><br>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.<br><b>Placebo</b><br>Not used<br><b>Assignment</b><br>Parallel<br><b>Other design features</b> | <b>Health conditions studied</b><br><br><u>1</u><br><b>Description of health condition studied</b><br>Violence in the workplace nurses<br><b>ICD-10 code</b><br><b>ICD-10 code description</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| <b>Secondary Ids</b><br>empty                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Secondary outcomes</b><br>empty                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Ethics committees</b><br><br><u>1</u><br><b>Ethics committee</b><br><b>Name of ethics committee</b><br>Institutional research ethics committee school of nursing and midwifery & rehabilitation<br><b>Street address</b><br>School of Nursing Midwifery ,Tehran University of Medical Sciences Nosrat Street. Tohid Square. Tehran .Iran                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

## 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

##### Province

Tehran

##### Postal code

1419733171

##### Phone

+98 21 8163 3619

##### Email

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

**Street address**Meybod. Bafrooiya. Imam Khomeini Street . Alley 94.  
Subsidiary 2**City**

Meybod

**Province**

Yazd

**Postal code**

8963133819

**Phone**

+98 35 3233 2376

**Email**

mousavi.shm74@gmail.com

**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

**Street address**Yazd . Meybod. Bafrooiya. Imam Khomeini street .  
Alley 94 Subsidiary 2**City**

Meybod

**Province**

Yazd

**Postal code**

8963133819

**Phone**

+98 35 3233 2376

**Fax****Email**

mousavi.shm74@gmail.com

**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

**Street address**Yazd . Meybod.Bafrooiya. Imam Khomeini Street .  
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**Phone**

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**Fax****Email**

mousavi.shm74@gmail.com

**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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