

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

20 Jun 2026

### The effect of education based on stabilization model on stress in emergency nurses with sharp thing

#### Protocol summary

Faculty of nursing, Baqiyatallah University of medical Sciences

#### Summary

The aim of this study was to determine the effect of education to reduce stress is caused by exposure to sharp objects on the stabilization model. An inclusion criterion for this study was nurses who six-month work experience in the emergency department. Exclusion criteria, was failure to participate in half of the class. Emergency nurses have been studied population that selected with census. 35 nurses were training for 6 hours. The stress decreased after training.

#### Expected recruitment start date

2013-11-22, 1392/09/01

#### Expected recruitment end date

2014-02-20, 1392/12/01

#### Actual recruitment start date

empty

#### Actual recruitment end date

empty

#### Trial completion date

empty

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT201312162730N4**

Registration date: **2014-02-12, 1392/11/23**

Registration timing: **registered\_while\_recruiting**

Last update:

Update count: **0**

##### Registration date

2014-02-12, 1392/11/23

##### Registrant information

###### Name

Hosein Mahmoudi

###### Name of organization / entity

Baqiyatallah University of Medical Sciences

###### Country

Iran (Islamic Republic of)

###### Phone

+98 21 2228 6039

###### Email address

h.mahmoudi@bmsu.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

#### Scientific title

The effect of education based on stabilization model on stress in emergency nurses with sharp thing

#### Public title

Needlestick stress

#### Purpose

Prevention

#### Inclusion/Exclusion criteria

An inclusion criterion for this study was nurses who six-month work experience in the emergency department. Exclusion criteria, was failure to participate in half of the class.

#### Age

From **20 years** old to **55 years** old

#### Gender

Both

#### Phase

N/A

#### Groups that have been masked

*No information*

#### Sample size

Target sample size: **35**

#### Randomization (investigator's opinion)

N/A

#### Randomization description

#### Blinding (investigator's opinion)

Not blinded  
**Blinding description**  
**Placebo**  
Not used  
**Assignment**  
Single  
**Other design features**  
-

## Secondary Ids

empty

## Ethics committees

1

### Ethics committee

**Name of ethics committee**  
Baqiyatallah University  
**Street address**  
Baqiyatallah University  
**City**  
Tehran  
**Postal code**  
+98211956817173  
**Approval date**  
2013-08-20, 1392/05/29  
**Ethics committee reference number**  
189

## Health conditions studied

1

### Description of health condition studied

stress  
**ICD-10 code**  
F43.1  
**ICD-10 code description**  
Post-traumatic stress disorder

## Primary outcomes

1

### Description

Stress due exposure with needlestick and sharp injury

### Timepoint

after intervention

### Method of measurement

Referring to convert items into inventory amounts

## Secondary outcomes

1

### Description

Reduce injuries with sharp objects

### Timepoint

After intervention

## Method of measurement

Nurses Report

## Intervention groups

1

### Description

In this before and after study 35 nurses were trained for 6 hours for preventing exposure to sharps.

### Category

Prevention

## Recruitment centers

1

### Recruitment center

**Name of recruitment center**  
Emergency Baqiyatallah hospital  
**Full name of responsible person**  
moayed  
**Street address**  
Faculty of nursing Baqiyatallah University of medical Sciences  
**City**  
Tehran

## Sponsors / Funding sources

1

### Sponsor

**Name of organization / entity**  
Baqiyatallah University of Medical sciences  
**Full name of responsible person**  
Dr Hosein Mahmoudi  
**Street address**  
Baqiyatallah University of Medical sciences  
**City**  
Tehran

### Grant name

### Grant code / Reference number

-

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

Yes

### Title of funding source

Baqiyatallah University of Medical sciences

### Proportion provided by this source

100

### Public or private sector

empty

### Domestic or foreign origin

empty

### Category of foreign source of funding

empty

### Country of origin

### Type of organization providing the funding

empty

## Person responsible for general inquiries

### Contact

**Name of organization / entity**

Faculty of nursing Baqiyatallah University of medical Sciences

**Full name of responsible person**

Moayed

**Position**

Officer of Research

**Other areas of specialty/work****Street address**

Faculty of nursing Baqiyatallah University of medical Sciences

**City**

Tehran

**Postal code**

0098211956817173

**Phone**

+98 21 2229 8841

**Fax**

+98 21 2612 7294

**Email**

msmoayed@gmail.com

**Web page address****Fax****Email**

H.mahmoudi@bmsu.ac.ir

**Web page address**

-

## Person responsible for updating data

### Contact

**Name of organization / entity**

Faculty of nursing Baqiyatallah University of medical Sciences

**Full name of responsible person**

moayed

**Position**

student

**Other areas of specialty/work****Street address**

Faculty of nursing Baqiyatallah University of medical Sciences

**City**

Tehran

**Postal code**

0098211956817173

**Phone**

+98 21 2228 9941

**Fax****Email**

msmoayed@gmail.com

**Web page address**

-

## Person responsible for scientific inquiries

### Contact

**Name of organization / entity**

Faculty of Nursing Baqiyatallah University of medical Sciences

**Full name of responsible person**

Dr.mahmoudi

**Position**

Faculty Member

**Other areas of specialty/work****Street address**

Faculty of Nursing Baqiyatallah University of medical Sciences

**City**

Tehran

**Postal code**

0098211956817173

**Phone**

+98 21 2228 9941

## Sharing plan

**Deidentified Individual Participant Data Set (IPD)**

*empty*

**Study Protocol**

*empty*

**Statistical Analysis Plan**

*empty*

**Informed Consent Form**

*empty*

**Clinical Study Report**

*empty*

**Analytic Code**

*empty*

**Data Dictionary**

*empty*