

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Sep 2026

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

Protocol summary

Facutly 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

Baqiatallah 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

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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**

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Fax**Email**

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Web page address

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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**

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City

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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