

Clinical Trial Protocol

Iranian Registry of Clinical Trials

08 Jul 2026

The effect of stress inoculation training on the medication error of nurses

Protocol summary

Summary

This trial is a randomized field. The aim of this study was to determine the effect of stress inoculation training on the medication error of nurses. In this study, 100 nurses working in the medical sector are Sabzevar University Hospitals Pediatric Surgery, The first randomly selected according to inclusion and exclusion criteria of the study, Afterwards, based on permutation block 6 are divided into two groups. In the intervention group sessions of stress management workshop (4 hours per session) to be held within a week. In the control group there was no intervention. Upon completion of the study group sessions of stress management, package prepared by the researcher, which contains 15 pages numbered as self-reported medication errors in all the nurses in the intervention and control group given a month to nurses will be on duty in case of medication errors in their registration papers. After a month, researcher package collects the intervention and control groups.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015102824765N1**

Registration date: **2015-12-03, 1394/09/12**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2015-12-03, 1394/09/12

Registrant information

Name

Akarm Shamsabadi

Name of organization / entity

Sabzevar University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 51 4444 6070

Email address

shamsabadia91@medsab.ac.ir

Recruitment status

Recruitment complete

Funding source

Sabzevar University of Medical Sciences

Expected recruitment start date

2015-11-22, 1394/09/01

Expected recruitment end date

2016-01-20, 1394/10/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of stress inoculation training on the medication error of nurses

Public title

The effect of stress management on the incidence of medication errors nurses.

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: To participate in the study have informed consent; Has an undergraduate degree in Nursing or a Master's and higher; In one of the hospitals in Sabzevar University of Medical Sciences is working; A minimum of 2 months ago in one of the sections (internal medicine, surgery, pediatrics), hospitals are working Sabzevar University of Medical Sciences; In the past month, more than 2 weeks sick leave or not to be; Speech and hearing is not a problem; Effective drugs on the psyche of the consumer; The mid-range and high job stress. Exclusion criteria: To continue participating in the study to be deterred; In other stress management

workshop have participated in the execution; During the study went on leave or transferred to another hospital or department; More than 10% of workshop time (1 hour) training is not present; When the study is a major life stress.

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **100**

Randomization (investigator's opinion)

Randomized

Randomization description**Blinding (investigator's opinion)**

Not blinded

Blinding description**Placebo**

Not used

Assignment

Parallel

Other design features**Secondary Ids**

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Sabzevar University of Medical Sciences

Street address

Sabzevar- Next police Shahrood- School of Nursing and Midwifery

City

Sabzevar

Postal code**Approval date**

2015-07-15, 1394/04/24

Ethics committee reference number

IR.MEDSAB.REC.1394.54

Health conditions studied**1****Description of health condition studied**

Nursing Medication Error

ICD-10 code**ICD-10 code description****Primary outcomes****1****Description**

Medication errors

Timepoint

A month after the intervention

Method of measurement

Czech list reporting of medication errors

2**Description**

Job Stress nurses

Timepoint

Before the intervention, one month after the intervention

Method of measurement

Nursing Job Stress Scale revised French et al.

Secondary outcomes**1****Description**

Select the error patient

Timepoint

A month after the intervention

Method of measurement

Czech list reporting of medication errors

2**Description**

Choosing the error drug

Timepoint

A month after the intervention

Method of measurement

Czech list reporting of medication errors

3**Description**

Choosing the error dose of medication

Timepoint

A month after the intervention

Method of measurement

Czech list reporting of medication errors

4**Description**

Error time drug enforcement

Timepoint

A month after the intervention

Method of measurement

Czech list reporting of medication errors

5**Description**

Error drug execution method

Timepoint

A month after the intervention

Method of measurement

Intervention groups

1

Description

Intervention Group: stress management workshop meeting within a week. Control Group: no intervention is needed.

Category

Behavior

2

Description

Control: No intervention will take place.

Category

Behavior

Recruitment centers

1

Recruitment center

Name of recruitment center

All hospitals in Sabzevar University of Medical Sciences

Full name of responsible person

Street address

City

Sabzevar

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Sabzevar University of Medical Sciences

Full name of responsible person

Mr mosalreza tadayonarar

Street address

Sabzevar-Next Police Shahrod-School of Nursing and Midwifery

City

Sabzevar

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Sabzevar 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

Sabzevar University of Medical Sciences

Full name of responsible person

Akram Shamsabadi

Position

Nursing Master Student

Other areas of specialty/work

Street address

Sabzevar-Next Police Shahrod-School of Nursing and Midwifery

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Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Sabzevar University of Medical Sciences

Full name of responsible person

Mahdi Jafarzade Faghari

Position

Master of Nursing

Other areas of specialty/work

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+51 44 446070

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Email

mjafarzade4@gmail.com

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Sabzevar University of Medical Sciences

Full name of responsible person

Akaram Shamsabadi

Position

Critical Care Nursing Master Student

Other areas of specialty/work

Street address

Sabzevar-Next Police Shahrod-School of Nursing and
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Sabzevar

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Phone

+51 44 446070

Fax

Email

Web page address

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