Clinical Trial Protocol
Iranian Registry of Clinical Trials

16 Sep 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

Czech list reporting of medication errors

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 tadayonrar
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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Phone
+51 44 446070
Fax
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 Midwifery

City

Sabzevar

Postal code

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