

Clinical Trial Protocol

Iranian Registry of Clinical Trials

03 Jun 2026

The effect of risk management program on preparation skills of concentrated electrolytes in nurses

Protocol summary

Summary

The effect of risk management program on preparation skills of concentrated electrolytes in emergency nurses

Introduction: with emergency care has always been dangerous.iterative process and rationale for dealing with hazardous situations. The impact of the implementation of the risk management skills of concentrated electrolyte preparation will be examined in this study. **Way:** This is an experimental study. 50 nurses and Bhyarany in the process of medication in hospitals where there are, after obtaining informed consent, the procedure will be selected. Nurses and hospital workers receive routine control program. In the experimental group after the initial sampling, implementation of risk management programs will be started and will continue for one month during the three sessions. Data in the post test phase one and two, will be collected and will be analyzed using descriptive and inferential statistics.

Conclusion: risk management program as a method of risk control, in hospitals recommended. **Keywords:** risk management, nurses, preparation error, concentrated electrolytes

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015020320934N1**
Registration date: **2015-08-04, 1394/05/13**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2015-08-04, 1394/05/13

Registrant information

Name

Nasrin Jafari Golestan

Name of organization / entity

AjA university of Medical Sciences

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Recruitment status

Recruitment complete

Funding source

AjA University of Medical Sciences

Expected recruitment start date

2012-03-19, 1390/12/29

Expected recruitment end date

2014-10-23, 1393/08/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of risk management program on preparation skills of concentrated electrolytes in nurses

Public title

The effect of risk management on skills nurses

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: Nurses and healthcare workers have a high school diploma! Nurses and health workers in three shifts (morning, afternoon, evening) are working in the emergency room; Nurses and healthcare workers involved in the process of drug therapy. Exclusion Criteria: Nurses who wish to co-exist

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 50

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

Ethics Committee AjA University of Medical Science

Street address

AjA University of Medical Science, Street
Etemadzadeh, Street fatemi

City

Tehran

Postal code

Approval date

2010-08-20, 1389/05/29

Ethics committee reference number

9328

Health conditions studied

1

Description of health condition studied

Communication skills programs, risk management and preparation of the condensed electrolyte in emergency nurses

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

Evaluation Skills Nursing

Timepoint

Pretest, Post test, post test(2), 2 months after intervention

Method of measurement

Questionnaire

Secondary outcomes

1

Description

Evaluation Skill Nursing

Timepoint

pre test, post test, post test (2) 2 months after intervention

Method of measurement

Questionnaire

Intervention groups

1

Description

In the intervention group (test): The unit of study groups and how to fill in the questionnaire voluntary reporting errors by nurses and workers will be trained by the researcher. The training was conducted over a two-hour sessions in four shifts. The question of a voluntary reporting error by the researcher, studied the units. Ask a voluntary reporting errors in the emergency department of a fund that has been considered by the investigator, will be collected. During the collection of the questionnaires voluntary reporting error in the hospital 2 months considered. Learning about the error took place, the training consists of 4 hours, 2 sessions of 2 hours of theoretical and practical information on how to properly prepare the condensed electrolyte. (Including medical computing education, training, documentation, training with infusion pumps, Research for liability insurance) and pamphlets prepared in connection with the safety of medication with concentrated electrolytes. This pamphlet is widely available in the emergency department units studied. This step is considered a month. Total for all four shifts 12 hours is predicted. Control group: The control group will receive training routine hospital

Category

Prevention

2

Description

Control group: No intervention was done.

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

KHanevadeh Hospital(nezaja)

Full name of responsible person

Street address

Khanevadeh Hospital, Kaj Street, Sharriati Street.

City

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2**Recruitment center****Name of recruitment center**

Emam Reza Hospital(501 AJA)

Full name of responsible person**Street address**

Emam Reza Hospital, Etemadzadeh Street, Fatemi Street.

City

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3**Recruitment center****Name of recruitment center**

Besat Hospital(nehaja)

Full name of responsible person**Street address****City**

Tehran

4**Recruitment center****Name of recruitment center**

Golestan Hospital(nedaja)

Full name of responsible person**Street address**

Next to the freeway Sayyad Shirazi northern, Golestan Hospital

City

Tehran

Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

AjA University of Medical Sciences Research Unit

Full name of responsible person

president of finance, Miss Bairamvand and Miss Morady

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AjA University of Medical Sciences, Street Etemadzadeh, Street fatemi

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Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

AjA University of Medical Sciences Research Unit

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**

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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