

Clinical Trial Protocol

Iranian Registry of Clinical Trials

03 Jul 2026

The effect of patient handling education on knowledge and practice of nursing staff

Protocol summary

Summary

The present study aims to evaluate the effect of patient handling education on knowledge and practice of nursing staff in Shiraz. A randomized clinical trial conducts on nurses in Intensive Care Units of hospitals affiliated to Shiraz University of Medical Sciences. 100 nurses will be selected using multi- stage sampling. Samples will be divided randomly into control and intervention groups. Knowledge and practice of participants will be evaluated using researcher-made questionnaire and checklist, respectively. At the first step, questionnaire and checklists are completed by two groups. After this step, 5 theoretical and practical sessions (each session lasts 4 hours) of patient handling and body mechanics training are held for intervention group. After 6 weeks, we will evaluate knowledge and practice of personnel.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016052428042N1**

Registration date: **2016-06-26, 1395/04/06**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2016-06-26, 1395/04/06

Registrant information

Name

Abutaleb Aahmoudi

Name of organization / entity

Shiraz University Of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 917 472 4847

Email address

fakhariah@sums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice chancellor for research , Shiraz University of Medical Sciences

Expected recruitment start date

2016-06-04, 1395/03/15

Expected recruitment end date

2016-06-21, 1395/04/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of patient handling education on knowledge and practice of nursing staff

Public title

The effect of patient handling education on knowledge and practice of nursing staff

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: all nursing staff(regardless of experience and age) working in Intensive Care Units of hospitals affiliated to Shiraz University Of Medical Sciences ; The desire to participate in the study ;The signing of informed consent by staff Exclusion criteria: refusing participation in pretest or post test ; refusing participation in education sessions ; no previous education in patient handling programs

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

Medical Research Ethics Committee of Shiraz
University of Medical Sciences

Street address

Central Building of Shiraz University of Medical
Sciences, Zand Blvd, Shiraz

City

Shiraz

Postal code

0098

Approval date

2016-05-28, 1395/03/08

Ethics committee reference number

IR.SUMS.REC.1395.27

Health conditions studied

1

Description of health condition studied

Diseases of the musculoskeletal system and connective
tissue

ICD-10 code

M 0-99

ICD-10 code description

Diseases of the musculoskeletal system and connective
tissue

Primary outcomes

1

Description

The correct implementation of patient handling

Timepoint

Before intervention and 6 week after intervention

Method of measurement

Researcher-made questionnaire and checklist

Secondary outcomes

1

Description

Doing correct body mechanics

Timepoint

before intervention and 6 week after intervention

Method of measurement

Researcher-made questionnaire and checklist

Intervention groups

1

Description

"Intervention group: education contains 5 theoretical and
practical sessions(each session lasts 4 hour) including
PowerPoint presentation and training on body mechanics
and patient handling."

Category

Prevention

2

Description

"Control group: receives no education"

Category

Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center

Hospitals affiliated to Shiraz University Of Medical
Sciences

Full name of responsible person

Hashem Rahmati

Street address

City

shiraz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Research Deputy of Shiraz University of Medical
Science

Full name of responsible person

Dr Seyed Basir Hashemi

Street address

Central Building of Shiraz University of Medical
Science, Zand Blvd, Shiraz

City

Shiraz

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Research Deputy of Shiraz University of Medical Science

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

Shiraz University Of Medical Sciences

Full name of responsible person

Hashem Rahmati

Position

Masters Field, Head of Department Of Emergency
Medical Service

Other areas of specialty/work

Street address

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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