

Clinical Trial Protocol

Iranian Registry of Clinical Trials

11 Jul 2026

Effect of education of patient safety culture on professional behavior and moral sensitivity of the nurses

Protocol summary

Study aim

Determining the effect of patient safety culture training on nurses' professional behavior and moral sensitivity

Design

This study is a randomized clinical trial with a control group and will be performed without blinding. Participants are grouped into blocks. The number of samples, including the drop, is predicted to be 84. Sample Randomizer software will be used for randomization. In the next step, people who scored less than 64 according to the Professional Behavior Questionnaire and less than 50 according to the Moral Sensitivity Questionnaire will be included in the study. The intervention included group training sessions on patient safety culture.

Settings and conduct

First, referring to Shahid Beheshti, Imam Sajjad and Shahid Jalil teaching hospitals affiliated to Yasouj University of Medical Sciences, then the questionnaire of professional behavior and moral sensitivity by nurses will be completed, after the intervention, at the end of the questionnaires The control will be completed.

Participants/Inclusion and exclusion criteria

Have a bachelor's or master's degree in nursing
2-Employment in the nursing profession in the teaching hospitals affiliated to Yasouj University of Medical Sciences
3-Completion and return of informed written consent and questionnaires at the starting point of the study

Intervention groups

There are two groups of intervention and control. In the intervention group, 4 sessions for 2 weeks and 2 sessions per week and each session will be 2 hours of group training, in the control group, training is not done.

Main outcome variables

Nurses' professional behavior and moral sensitivity

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20141106019833N3**

Registration date: **2021-02-21, 1399/12/03**

Registration timing: **prospective**

Last update: **2021-02-21, 1399/12/03**

Update count: **0**

Registration date

2021-02-21, 1399/12/03

Registrant information

Name

Mohammadlatif Rastian

Name of organization / entity

Yasuj University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 74 3323 4115

Email address

m.rastian@yums.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2021-02-23, 1399/12/05

Expected recruitment end date

2021-05-25, 1400/03/04

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of education of patient safety culture on professional behavior and moral sensitivity of the nurses

Public title

The effect of patient safety culture on professional behavior and moral sensitivity

Purpose

Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:

Have a bachelor's or master's degree in nursing
Employment in the nursing profession in teaching hospitals affiliated to Yasuj University of Medical Sciences
Completion and return of informed written consent and questionnaires at the starting point of the study

Exclusion criteria:

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 84

Randomization (investigator's opinion)

Randomized

Randomization description

Samples will be randomly assigned as a block between two groups. In the block method, the researcher creates 4 blocks by considering the number of groups, which are 2 groups. Then, by factorial calculation, the number of samples of each block ($24 = 1 \times 2 \times 3 \times 4 = 24$), the number of blocks resulting from all state arrangements of individuals, 24 calculated blocks and blocks involving the possible arrangement of individuals, then since There are 4 people in each block and the estimated sample size is 84 people, so by matching 21 random numbers produced by Sample Randomizer software with the number of the above blocks, how to arrange 84 people in the research sample and assign each number from one to eighty-four to One of the intervention and control groups will be identified and a random block allocation list will be compiled.

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

Research Ethics Committee of Yasuj University of Medical Sciences

Street address

Yasuj-Shahid Jalil St.-School of Nursing

City

Yasuj

Province

Kohgiluyeh-va-Boyer-Ahmad

Postal code

7591937770

Approval date

2019-12-21, 1398/09/30

Ethics committee reference number

IR.YUMS.REC.1398.125

Health conditions studied

1

Description of health condition studied

Professional Behavior and Moral Sensitivity

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

Professional behavior and moral sensitivity of nurses

Timepoint

The score of professional behavior and moral sensitivity will be measured at the beginning of the study (before the intervention) and one month after the start of the study.

Method of measurement

Nurses 'Professional Behavior Questionnaire and Nurses' moral Sensitivity Questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

In the intervention group, 4 sessions for 2 weeks and 2 sessions per week and 2 hours of group training of patient safety culture will be done each time. The materials will be presented to the participants in the form of a lecture using PowerPoint. Some patient safety issues will also be addressed and their questions will be answered.

Category

Behavior

2

Description

Control group:no intervention: No training will be given to the control group.

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Shahid Beheshti, Imam Sajjad and Shahid Jalil hospitals in Yasuj

Full name of responsible person

Mohammadlatif Rastian

Street address

Shahid Ghorban Ali Jalil St., School of Nursing and Midwifery

City

yasuj

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Kohgilouyeh-va-Boyerahmad

Postal code

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Email

m.rastian@yums.ac.ir

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Yasouj University of Medical Sciences

Full name of responsible person

Hossein Maryoryad

Street address

Shahid Motahari Street

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oryad.hossein@yums.ac.ir

Grant name

Grant code / Reference number

Is the source of funding the same sponsor

organization/entity?

Yes

Title of funding source

Yasouj University of Medical Sciences

Proportion provided by this source

100

Public or private sector

Public

Domestic or foreign origin

Domestic

Category of foreign source of funding

empty

Country of origin

Type of organization providing the funding

Academic

Person responsible for general inquiries

Contact

Name of organization / entity

Yasouj University of Medical Sciences

Full name of responsible person

Mohammadlatif Rastian

Position

instructor

Latest degree

Master

Other areas of specialty/work

Nursery

Street address

Shahid Ghorban Ali Jalil St., School of Nursing and Midwifery

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Person responsible for scientific inquiries

Contact

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Sharing plan**Deidentified Individual Participant Data Set (IPD)**

Yes - There is a plan to make this available

Study Protocol

Yes - There is a plan to make this available

Statistical Analysis Plan

Yes - There is a plan to make this available

Informed Consent Form

Yes - There is a plan to make this available

Clinical Study Report

Yes - There is a plan to make this available

Analytic Code

Yes - There is a plan to make this available

Data Dictionary

Yes - There is a plan to make this available

Title and more details about the data/document

Information on the main implications of the data, including the impact of patient safety culture training on nurses' professional behavior and moral sensitivity, will be shared.

When the data will become available and for how long

The data will be available after the study.

To whom data/document is available

The data will be available to researchers working in universities and research institutes.

Under which criteria data/document could be used

The data will be provided with the permission of Yasouj University of Medical Sciences and only the use of its results for further research.

From where data/document is obtainable

Mohammadlatif Rastian. Email: m.rastian@yums.ac.ir

What processes are involved for a request to access data/document

The applicant must send a written request to the author of the article by e-mail and the author after obtaining permission from Yasouj University of Medical Sciences Provides information via email to applicants for a maximum of 7 days.

Comments