

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

Comparison of the effect of training the patient's bill of right through written simulation and virtual Computerized simulated patient simulation on moral sensitivity of critical care nurses

Protocol summary

Study aim

Comparison of the Effect of Patient Rights Charter Training in Written Simulation and Computerized Virtual Patient Simulation on Ethical Sensitivity of Intensive Care Nurses

Design

A clinical trial with control group, single blinded, randomized

Settings and conduct

The present study is a clinical trial in 1397. The study population was nurses working in intensive care units of hospitals affiliated to Tehran University of Medical Sciences. After obtaining permission from the Joint Organizational Ethics Committee of Faculty of Nursing and Midwifery and Rehabilitation of Tehran University of Medical Sciences, research samples (Nurses of Intensive Care Units) with inclusion criteria will be divided into three groups using blocking method.

Participants/Inclusion and exclusion criteria

Inclusion criteria included nurses in intensive care units who had worked in that department for at least one year, a willingness to participate in the study, a bachelor's degree in nursing, and no previous two-month ethics seminar or workshop. Exclusion criteria included nurses' unwillingness to continue research in any part of the study, conducting a ethics workshop or seminar during the two months after intervention and transferring to another department while collecting data.

Intervention groups

Simulation group using virtual patient simulation, simulation group using written simulation, control group

Main outcome variables

Nurses' moral sensitivity.

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20111203008286N6**

Registration date: **2019-10-10, 1398/07/18**

Registration timing: **prospective**

Last update: **2019-10-10, 1398/07/18**

Update count: **0**

Registration date

2019-10-10, 1398/07/18

Registrant information

Name

Fatemeh Bahramnezhad

Name of organization / entity

Tehran University of Medical Sciences

Country

Iran (Islamic Republic of)

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+98 21 6692 7171

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Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2020-01-21, 1398/11/01

Expected recruitment end date

2021-04-21, 1400/02/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of the effect of training the patient's bill of right through written simulation and virtual Computerized simulated patient simulation on moral sensitivity of critical care nurses		Ethics committee of Tehran University of Medical Sciences	
Public title		Street address	
Training the patient's bill of right		Tohid Square, Dr. Mirkhani St. (East Nosrat)	
Purpose		City	
Education/Guidance		Tehran	
Inclusion/Exclusion criteria		Province	
Inclusion criteria:		Tehran	
Intensive Care Nurses Has worked in that department for at least one year Willingness to participate in the study Bachelor of Nursing Degree No record of attending seminars or workshops about ethics in the past two months		Postal code	
Exclusion criteria:		1419733171	
Nurses' unwillingness to continue research in any part of the study Conducting a workshop or seminar about ethics during the two months following the intervention Move to another section while collecting data		Approval date	
Age		2019-06-26, 1398/04/05	
No age limit		Ethics committee reference number	
Gender		IR.TUMS.FNM.REC.1398.078	
Both		Health conditions studied	
Phase		<u>1</u>	
N/A		Description of health condition studied	
Groups that have been masked		Moral sensitivity, Ethical sensitivity	
No information		ICD-10 code	
Sample size		ICD-10 code description	
Target sample size: 120		Primary outcomes	
Randomization (investigator's opinion)		<u>1</u>	
Randomized		Description	
Randomization description		Ethical sensitivity score according to Lutzen moral sensitivity questionnaire	
In this method, a number of cards are selected by the researcher as the first group (first intervention) and the same number for the second group (intervention 2) and the third (control). The expired card will be registered and assigned, and the card will be returned to all other cards after it has expired. The cards are then merged with the card and another card is removed. This process continues until a random sequence of sample size is obtained.		Timepoint	
Blinding (investigator's opinion)		Before the intervention and 2 months after the intervention	
Not blinded		Method of measurement	
Blinding description		Lutzen moral sensitivity questionnaire	
Placebo		Secondary outcomes	
Not used		<u>1</u>	
Assignment		Description	
Other		Moral Judgments score	
Other design features		Timepoint	
		Before and two months after intervention	
		Method of measurement	
		Moral Judgments questionnaire	
Secondary Ids		Intervention groups	
empty		<u>1</u>	
Ethics committees		Description	
<u>1</u>		Intervention group: In the virtual simulation training group, the scenarios will be described as a learning personality for the learners. Then, at the end of training and two months after training in each of the intervention groups, the Lutzen moral sensitivity questionnaire was completed by the samples	
Ethics committee		Category	
Name of ethics committee		Other	

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Description

Control group: After expressing the aims of the study and completing the informed consent form for the control group, the ethical sensitivity questionnaire was completed at the beginning and two months after the selection of the samples and after the end of the study, the text taught to the intervention group will be provided to the control group.

Category

N/A

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Description

Intervention group 2: In the simulated group, first the researcher is instructed by the researcher about the Patient Rights Charter, then the same two scenarios are presented to the research units in the computer simulated virtual patient group with the same options, this time in writing to Research units are provided. If the wrong option is selected, the researcher will be given the necessary suggestions and suggestions, and if the correct option is selected, the research units will be encouraged by the researcher and the next scenario will be presented in writing. Then, at the end of the training and two months after training in each of the intervention groups, the Lutzen Ethical Sensitivity Questionnaire was completed by the samples.

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Imam Khomeini hospital

Full name of responsible person

Faezeh Parchami

Street address

Imam Khomeini Hospital, End of Keshavarz Boulevard,
Tehran

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Tehran University of Medical Sciences

Full name of responsible person

DR.Sahraian

Street address

Tehran University of Medical Sciences, Qodes Street,
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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

Tehran 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

Tehran University of Medical Sciences

Full name of responsible person

Fatemeh Bahramnezhad

Position

Assistant Professor

Latest degree

Ph.D.

Other areas of specialty/work

Nursery

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Tohid Square, Dr. Mirkhani St. (East Nosrat)

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Sharing plan

Deidentified Individual Participant Data Set (IPD)

Undecided - It is not yet known if there will be a plan to make this available

Study Protocol

Undecided - It is not yet known if there will be a plan to make this available

Statistical Analysis Plan

Undecided - It is not yet known if there will be a plan to make this available

Informed Consent Form

Undecided - It is not yet known if there will be a plan to make this available

Clinical Study Report

Undecided - It is not yet known if there will be a plan to make this available

Analytic Code

Undecided - It is not yet known if there will be a plan to make this available

Data Dictionary

Undecided - It is not yet known if there will be a plan to make this available