Clinical Trial Protocol
Iranian Registry of Clinical Trials

18 Sep 2026

A comparison between effect of professional ethics education based on case based learning and lecturing on moral sensitivity and ethical reasoning in nursing students

Protocol summary

Summary

This study was a clinical trial with aim of determining the impact of professional ethics education based on case-based and lecture-based learning on moral sensitivity and ethical reasoning of nursing students in the school of Urmia nursing and midwifery. All nursing students at semester 7 and 8, who had been recruited for this study, were divided into two groups. 36 students in the intervention group (case-based learning) and 34 students in the control group (lecture-based learning) were assigned. Main inclusion criteria: no history of participating in ethical seminars.Main exclusion criteria: absence of more than two sessions. Before the intervention, both groups were examined by using two questionnaires; moral sensitivity and ethical reasoning (nursing dilemma test) questionnaires. Contents of training in this study, were the same for both groups, the only difference was the methods of teaching. Intervention group (in 8 sessions) and control group (in 4 sessions) were trained with case-based and lecture-based learning methods about nursing ethics and related scenarios (birth defects, mandatory prescription drug, medication error, new nurse training, applying for end of life, end of life care) respectively. One month after finishing intervention, all students who participated in the study, using the previous questionnaire, were evaluated.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016071317059N9**
Registration date: **2017-06-17, 1396/03/27**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2017-06-17, 1396/03/27

Registrant information

Name

Masoume Hemmati Maslakpak

Name of organization / entity

Urmia University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 44 1365 9031

Email address

hemmati_m@umsu.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Urmia University of Medical Sciences

Expected recruitment start date

2016-09-22, 1395/07/01

Expected recruitment end date

2016-12-21, 1395/10/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

A comparison between effect of professional ethics education based on case based learning and lecturing on moral sensitivity and ethical reasoning in nursing students

Public title

The effect of ethics education based on case based learning and lecturing on moral sensitivity and ethical reasoning of nursing student

Purpose

Other

Inclusion/Exclusion criteria

Inclusion criteria: written consent for participation in study; Without history of participating in ethical seminars and same studies; Without knowing about case based learning method Exclusion criterion: missing educational sessions more than twice

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **70**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Sampling based on table of random numbers

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Urmia University of Medical Science

Street address

Jahad square، Urmia university of medical science

City

Urmia

Postal code

5714783734

Approval date

2016-07-31, 1395/05/10

Ethics committee reference number

ir.umsu.rec.1395.204

Health conditions studied

1

Description of health condition studied

Moral sensitivity

ICD-10 code

-

ICD-10 code description

-

2

Description of health condition studied

Ethical reasoning

ICD-10 code

-

ICD-10 code description

-

Primary outcomes

1

Description

Moral sensitivity

Timepoint

Before the intervention, One month after the intervention

Method of measurement

Moral sensitivity questionnaire

2

Description

Ethical reasoning

Timepoint

Before the intervention, One month after the intervention

Method of measurement

Nursing dilemma questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: nursing ethics and related scenarios education in eight 2 hours sessions based on case based learning

Category

N/A

2

Description

Control group: nursing ethics and related scenarios education in four 2 hours sessions based on lecture

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center
Nrsing and Midwifery faculty of Urmia

Full name of responsible person
Farideh Namadi

Street address
Nrsing and Midwifery faculty، Nazloo، urmia

City
Urmia

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Vice Chancellor for Research، Urmia University of Medical Science

Full name of responsible person
Dr. Iraj Mohebbi

Street address
Urmia, Jahad square،Urmia University of Medical Sciences

City
Urmia

Grant name

Grant code / Reference number

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

Title of funding source
Vice Chancellor for Research، Urmia 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
Urmia University of Medical Sciences

Full name of responsible person
Farideh Namadi

Position
Nursing Student of Medical Surgical Nursing

Other areas of specialty/work

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Person responsible for scientific inquiries

Contact

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Full name of responsible person
Dr. Masoume Hemmati Maslak pak

Position
Phd in nursing، Associate professor، Educational Assistant school of Nursing and Midwifery

Other areas of specialty/work

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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