

Clinical Trial Protocol

Iranian Registry of Clinical Trials

09 Jun 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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Dr. Masoume Hemmati Maslak pak

Position

Phd in nursing, Associate professor. Educational Assistant school of Nursing and Midwifery

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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