

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

09 Jun 2026

### Comparing the efficacy of two ethics educational methods "Socratic questioning" and "lecturing" in nursing moral dilemmas on moral reasoning of nursing students at School of Nursing and Midwifery of Fatemeh (P.B.U.H), Shiraz 2012-2014

#### Protocol summary

##### Summary

1) Objectives: This study is going to compare the efficacy of two ethics educational methods "Socratic questioning" and "lecturing" in nursing moral dilemmas on moral reasoning of nursing students. 2) Design: This study is a randomized controlled trial that 103 nursing students are randomly stratified into three groups of experimental 1 (n=37), experimental 2 (n=33) and control (n=33). 3) Setting and conduct: After taking pretest with nursing dilemma test, the group experimental 1, will receive the ethics education in nursing moral dilemmas through Socratic questioning in six forty-minute sessions during three continues weeks. The group experimental 2, will receive similar educational content through lecturing during one three-hour workshop. The group control will receive no intervention. Right after and 2 months after the intervention, post-test will be performed and the results will be measured and analyzed. 4) Participants; Inclusion criteria: nursing students who are studying in semester 6, 7 and 8; lack of previously participating in other ethics education classes. Exclusion criteria: not attending in the classes more than two sessions; not participating in the one of the pretest or post-test sessions. 5) Intervention: Ethics education with Socratic questioning and lecturing methods. 6) Main outcome measures (variables): Nursing moral reasoning in nursing principled thinking, practical consideration and previous familiarity with the similar situation parameters

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT2014022516729N1**

Registration date: **2014-11-14, 1393/08/23**

Registration timing: **retrospective**

Last update:

Update count: **0**

##### Registration date

2014-11-14, 1393/08/23

##### Registrant information

###### Name

Leila Homayuni

###### Name of organization / entity

Shiraz University of Medical Sciences

###### Country

Iran (Islamic Republic of)

###### Phone

+98 71 3647 4254

###### Email address

homayuni\_l@sums.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

Research Council of Shiraz University of Medical Sciences

##### Expected recruitment start date

2014-01-21, 1392/11/01

##### Expected recruitment end date

2014-03-11, 1392/12/20

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

Comparing the efficacy of two ethics educational methods "Socratic questioning" and "lecturing" in nursing moral dilemmas on moral reasoning of nursing students at School of Nursing and Midwifery of Fatemeh (P.B.U.H), Shiraz 2012-2014

## Public title

Effect of Socratic questioning on moral reasoning of nursing students

## Purpose

Supportive

## Inclusion/Exclusion criteria

Inclusion criteria: Nursing students of Fatemeh (P.B.U.H) school of nursing and midwifery who are studying baccalaureate nursing at semester 6,7 and 8 in the first semester of educational year 92-93; They should not have participated in any moral education class up to now. Exclusion criteria: Being absent in more than 2 classes; Not taking the pretest or post-test

## Age

To 139 years old

## Gender

Both

## Phase

N/A

## Groups that have been masked

No information

## Sample size

Target sample size: 103

## Randomization (investigator's opinion)

Randomized

## Randomization description

## Blinding (investigator's opinion)

Not blinded

## Blinding description

## Placebo

Not used

## Assignment

Parallel

## Other design features

Randomization; Stratified randomization: At first, nursing students of each semester ( 6,7 and 8) were divided into two categories of males and females. Then, based on blocked randomization, students of each category were allocated into three groups of experimental 1 (n=37), experimental 2 (n=33) and control (n=33).

## Secondary Ids

### 1

#### Registry name

-

#### Secondary trial Id

-

#### Registration date

empty

## Ethics committees

### 1

#### Ethics committee

##### Name of ethics committee

Ethics committee of Shiraz University of Medical Sciences

##### Street address

Zand Street, headquarters of Medical Sciences Shiraz

##### City

Shiraz

##### Postal code

71345-1978

##### Approval date

2014-01-15, 1392/10/25

##### Ethics committee reference number

92-6854

## Health conditions studied

### 1

#### Description of health condition studied

moral reasoning of nursing students

#### ICD-10 code

#### ICD-10 code description

## Primary outcomes

### 1

#### Description

Moral reasoning level

#### Timepoint

Before the intervention, right after the end of the intervention and 2 months after the end of the intervention

#### Method of measurement

Nursing dilemma test

## Secondary outcomes

### 1

#### Description

Nursing principled thinking

#### Timepoint

Before the intervention, right after the end of the intervention and 2 months after the end of the intervention

#### Method of measurement

Nursing dilemma test

### 2

#### Description

Previous familiarity with the similar situation

#### Timepoint

Before the intervention, right after the end of the intervention and 2 months after the end of the intervention

#### Method of measurement

Nursing dilemma test

### 3

#### Description

Practical consideration

#### Timepoint

Before the intervention, right after the end of the

intervention and 2 months after the end of the intervention

**Method of measurement**

Nursing dilemma test

**Intervention groups**

**1**

**Description**

The group experimental 1, will receive the ethics education in nursing moral dilemmas through Socratic questioning in six forty-minute sessions during three continues weeks.

**Category**

Other

**2**

**Description**

The group experimental 2, will receive similar educational content through lecturing during one three-hour workshop.

**Category**

Other

**3**

**Description**

The group control will receive no intervention.

**Category**

Other

**Recruitment centers**

**1**

**Recruitment center**

**Name of recruitment center**

The School of Nursing and Midwifery of Fatemeh (P.B.U.H)

**Full name of responsible person**

DR. Torabizadeh, Kamelia

**Street address**

The School of Nursing and Midwifery of Fatemeh (P.B.U.H), Namazi Hospital, Namazi Square, Shiraz

**City**

Shiraz

**Sponsors / Funding sources**

**1**

**Sponsor**

**Name of organization / entity**

Research Council of Shiraz University of Medical Sciences

**Full name of responsible person**

Dr. Hatam, Gholamreza

**Street address**

Headquarters of Shiraz University of Medical Sciences, Zand Street, 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 Council of Shiraz University of Medical Sciences

**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**

Homayuni, Leila

**Position**

Student of Master of Sciences in Nursing

**Other areas of specialty/work**

**Street address**

Headquarters of Shiraz University of Medical Sciences, Zand Street, Shiraz

**City**

Shiraz

**Postal code**

71345-1978

**Phone**

+98 71 1212 2633

**Fax**

+98 71 1212 2430

**Email**

homayuni\_l@sums.ac.ir; lhomayuni@gmail.com

**Web page address**

**Person responsible for scientific inquiries**

**Contact**

**Name of organization / entity**

Shiraz University of Medical Sciences

**Full name of responsible person**

Dr. Torabizade, Camelia

**Position**

PhD in nursing education

**Other areas of specialty/work**

**Street address**

Shiraz University of Medical Sciences Building, Zand Street, Shiraz

**City**

Shiraz

**Postal code**

71345-1978

**Phone**

+98 71 1647 4254

**Fax**

+98 71 1212 2430

**Email**vcrdep@sums.ac.ir; Torabik@sums.ac.ir;  
camellia\_torabizadeh@yahoo.com**Web page address**

Shiraz

**Postal code**

71345-1978

**Phone**

+98 71 1647 4254

**Fax****Email**

homayuni\_l@sums.ac.ir

**Web page address****Person responsible for updating data****Contact****Name of organization / entity**

Shiraz University of Medical Sciences

**Full name of responsible person**

Homayuni, Leila

**Position**

Student of Master of Sciences in Nursing

**Other areas of specialty/work****Street address**Shiraz University of Medical Sciences Building, Zand  
Street, Shiraz**City****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*