

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

09 Jun 2026

### The effect of group reflection on nurses' knowledge, attitude and practice about ethical codes

#### Protocol summary

##### Summary

This is an interventional single blind survey with control group aimed to determine the effect of group reflection on nurses' knowledge, attitude and practice about nursing ethical codes. The setting of the study is Ghaem hospital of Firooz Abad. 90 nurses will be divided into two control and intervention groups by simple random method. Inclusion criteria include: bachelor of nursing or higher degree; to have at least one month work experience; no participation in ethical code education courses and exclusion criteria includes: more than two sections absence in group reflection; no participation in pre-test or post-test. The intervention is educating nursing ethical codes which presented by a 2-hour lecture for control group and four 2-hour group reflection sessions using scenarios for intervention group. Data are collected by demographic questionnaire, knowledge test, and nurses' attitude and practice in ethical codes rating scales. Questionnaires will be completed by nurses before and one month after the last section of education. For each nurse, practice questionnaire is also completed by her head nurse. The average score of these two questionnaires consider as each person's practice score. The questionnaires will be distribute and collected at the post-test stage by a person out of main researchers (co-researcher) in order to making the research blind. Moreover, statistical analysis will be done by a person out of research team.

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT2016070317546N6**

Registration date: **2016-10-20, 1395/07/29**

Registration timing: **registered\_while\_recruiting**

Last update:

Update count: **0**

##### Registration date

2016-10-20, 1395/07/29

##### Registrant information

###### Name

Marzieh Momennasab

###### Name of organization / entity

Shiraz University of Medical Sciences

###### Country

Iran (Islamic Republic of)

###### Phone

+98 71 1647 4254

###### Email address

momennasab@sums.ac.ir

##### Recruitment status

###### Recruitment complete

##### Funding source

Shiraz University of Medical Sciences

##### Expected recruitment start date

2016-07-10, 1395/04/20

##### Expected recruitment end date

2016-10-21, 1395/07/30

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

The effect of group reflection on nurses' knowledge, attitude and practice about ethical codes

##### Public title

The effect of group reflection on nurses' knowledge, attitude and practice about ethical codes

##### Purpose

Other

##### Inclusion/Exclusion criteria

Inclusion criteria: bachelor of nursing or higher degree: to have at least one month work experience : no participation in ethical code education courses. Exclusion criteria: more than two sessions absence in group reflection: no participation in pre-test or post-test.

#### **Age**

No age limit

#### **Gender**

Both

#### **Phase**

2

#### **Groups that have been masked**

No information

#### **Sample size**

Target sample size: **90**

#### **Randomization (investigator's opinion)**

Randomized

#### **Randomization description**

#### **Blinding (investigator's opinion)**

Single blinded

#### **Blinding description**

#### **Placebo**

Not used

#### **Assignment**

Parallel

#### **Other design features**

### **Secondary Ids**

empty

### **Ethics committees**

#### **1**

##### **Ethics committee**

###### **Name of ethics committee**

Ethics Committee of Shiraz University of Medical Sciences

###### **Street address**

7th floor, central building of Shiraz University of Medical Science, Zand boulevard

###### **City**

Shiraz

###### **Postal code**

###### **Approval date**

2016-06-26, 1395/04/06

###### **Ethics committee reference number**

IR.SUMS.REC.1395.55

### **Health conditions studied**

#### **1**

##### **Description of health condition studied**

none

##### **ICD-10 code**

##### **ICD-10 code description**

### **Primary outcomes**

#### **1**

##### **Description**

attitude

##### **Timepoint**

before and a month after intervention

##### **Method of measurement**

Nurses' attitude in ethical codes questionnaire

#### **2**

##### **Description**

knowledge

##### **Timepoint**

before and one month after intervention

##### **Method of measurement**

nurses' knowledge about nursing ethical codes test

#### **3**

##### **Description**

practice

##### **Timepoint**

before and a month after intervention

##### **Method of measurement**

Nurses' practice in ethical codes questionnaire

### **Secondary outcomes**

empty

### **Intervention groups**

#### **1**

##### **Description**

Intervention1: the intervention for intervention group is educating ethical codes by four 2-hour group reflection sessions using scenarios about nursing ethical codes.

##### **Category**

Other

#### **2**

##### **Description**

Intervention2: the intervention for control group is educating ethical codes by a 2-hour lecture.

##### **Category**

Other

### **Recruitment centers**

#### **1**

##### **Recruitment center**

###### **Name of recruitment center**

Ghaem Hospital

###### **Full name of responsible person**

Marjan Ghanbari

###### **Street address**

Golestan avenue, 8 alley  
**City**  
Firoozabad

## Sponsors / Funding sources

1

### Sponsor

**Name of organization / entity**  
Vice chancellor for research, Shiraz University of  
Medical Sciences

**Full name of responsible person**  
Dr. seyed Basir Hashemi

**Street address**  
7th floor, central building of Shiraz University of  
Medical Science, Zand boulevard

**City**  
Shiraz

### 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, 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**  
Hazrate Fateme nursing and midwifery school

**Full name of responsible person**  
Dr. Marzieh Momennasab

**Position**  
assistant professor

### Other areas of specialty/work

**Street address**  
First floor, Hazrate Fateme nursing and  
midwiferyschool, Nanazi square

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**Web page address**

## Person responsible for scientific inquiries

### Contact

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assistant professor

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## Person responsible for updating data

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**Position**  
MS nursing student

### Other areas of specialty/work

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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*