

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

10 Jun 2026

### The effect of group reflection on thinking styles of the nurses working in Alzahra heart center of shiraz-Iran

#### Protocol summary

science

#### Summary

This research is a semi- experimental study of pre exam - post exam with control group in which the effect of group reflection on thinking styles of 66 nurses of CCU ward in Alzahra heart center of shiraz was determined. Before starting the intervention, the questionnaire of Strenburge thinking styles filed by the nurses and they divided to two groups randomly. The nurses of interventional group participated in 8 two hour educational sessions.

#### Expected recruitment start date

2011-05-22, 1390/03/01

#### Expected recruitment end date

2011-07-23, 1390/05/01

#### Actual recruitment start date

empty

#### Actual recruitment end date

empty

#### Trial completion date

empty

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT201201282621N10**

Registration date: **2013-01-18, 1391/10/29**

Registration timing: **retrospective**

Last update:

Update count: **0**

##### Registration date

2013-01-18, 1391/10/29

##### Registrant information

###### Name

Marzieh Moattari

###### Name of organization / entity

Shiraz university of medical sciences

###### Country

Iran (Islamic Republic of)

###### Phone

+98 71 1647 4250

###### Email address

moattarm@sums.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

vice chancellor for research, Shiraz university of medical

#### Scientific title

The effect of group reflection on thinking styles of the nurses working in Alzahra heart center of shiraz-Iran

#### Public title

Tthe effect of group reflection on thinking styles

#### Purpose

Health service research

#### Inclusion/Exclusion criteria

Inclusion criteria: nurses who work in clinical environmental and have necessary experiment; completing written consent form for participation in the study; tending to reconsideration; holder of job record in clinical ward more than two years. Exclusion criteria: not participating in more than three sessions of reconsideration; not tending to continue to participate in study; not completing more than three presented clinical scenarios for evaluating critical thinking in each of post or pre test stage; holder of other educational certificate such as management and psychology and participating in educational courses of solving problem or critical thinking during last six months.

#### Age

From **23 years** old to **45 years** old

#### Gender

Female

#### Phase

N/A

## Groups that have been masked

No information

## Sample size

Target sample size: 66

## Randomization (investigator's opinion)

Randomized

## Randomization description

## Blinding (investigator's opinion)

Not blinded

## Blinding description

## Placebo

Not used

## Assignment

Parallel

## Other design features

## Secondary Ids

empty

## Ethics committees

### 1

#### Ethics committee

##### Name of ethics committee

Shiraz university of medical sciences

##### Street address

Zand street

##### City

Shiraz University of Medical Sciences

##### Postal code

73145197

#### Approval date

2010-09-23, 1389/07/01

#### Ethics committee reference number

CT 905685

## Health conditions studied

### 1

#### Description of health condition studied

nursing

#### ICD-10 code

Z75

#### ICD-10 code description

problem related medical facilities & other health care

## Primary outcomes

### 1

#### Description

thinking styles

#### Timepoint

before & after intervention( 1 month after ending that)

#### Method of measurement

questionnaire of strenburge thinking styles

## Secondary outcomes

empty

## Intervention groups

### 1

#### Description

Performing group reconsideration which is corresponding with Gibbs circle stage that in this way, edited scenario of cardiovascular patients will be used by designed questions about Shifer & Roubenfield.

#### Category

Other

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

Alzahra herat center

##### Full name of responsible person

Marziyeh Moattari

##### Street address

Astaneh street

##### City

Shiraz

## Sponsors / Funding sources

### 1

#### Sponsor

##### Name of organization / entity

vice chancellor for research , Shiraz university of medical sciences

##### Full name of responsible person

Dr Hatam

##### Street address

vice chancellor for research, 7 th floor , Shiraz university of medical sciences , Zand st.

##### 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**

Shiraz University of Medical Sciences

**Full name of responsible person**

Marziyeh Moattari

**Position**

PHD in nursing , Faculty member

**Other areas of specialty/work**

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## Person responsible for scientific inquiries

### Contact

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## Person responsible for updating data

### Contact

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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*