

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 updating data

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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