

Clinical Trial Protocol

Iranian Registry of Clinical Trials

12 Sep 2026

Assessing the effect size of reflection and CBL based educational intervention on moral reasoning skill of Health Care Services Management students in Yazd's Shahid Sadoughi University of medical Sciences

Protocol summary

Study aim

Determination of reflection and CBL based educational intervention effect size on moral reasoning skill of Health Care Services Management students in Yazd's Shahid Sadoughi University of medical Sciences

Design

This is a before-after interventional study performed in 97-98 educational year on Health Care Services Management students and we'll count all of them.

Settings and conduct

This is a before-after interventional study performed in 97-98 educational year on Health Care Services Management students and we'll count all of them in two main phases. In First phase we check the validity and reliability of study questionnaires and in Second phase we conduct educational intervention consists of professionalism principles, moral reasoning and reflection basics. Teaching methods are lecture, case base learning and reflection. students' evaluation will be performed by related questionnaires one and four weeks after educational intervention.

Participants/Inclusion and exclusion criteria

BSc students of Health Care Services Management which have passed Internship 2

Intervention groups

We'll conduct educational intervention in second phase of the study consists of professionalism principles, moral reasoning and reflection basics. Teaching methods are lecture, case base learning and reflection. students' evaluation will be performed by related questionnaires one and four weeks after educational intervention.

Main outcome variables

Moral reasoning skill improvement services delivery quality improvement health services being value based

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20180813040784N1**

Registration date: **2018-08-20, 1397/05/29**

Registration timing: **prospective**

Last update: **2018-08-20, 1397/05/29**

Update count: **0**

Registration date

2018-08-20, 1397/05/29

Registrant information

Name

Amirsobhan Rostami

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 35 3821 3086

Email address

asrluvz72@gmail.com

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2018-11-22, 1397/09/01

Expected recruitment end date

2018-12-22, 1397/10/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Assessing the effect size of reflection and CBL based educational intervention on moral reasoning skill of Health Care Services Management students in Yazd's Shahid Sadoughi University of medical Sciences

Public title

Effect of educational intervention on moral reasoning

Purpose

Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:

BSc students of Health Care Services Management

Passing Internship 2

Exclusion criteria:

Passing similar courses to intervention

Age

No age limit

Gender

Both

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: 40

Randomization (investigator's opinion)

N/A

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Single

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Yazd's shahid sadoughi
University of Medical Sciences

Street address

Shohadaye gomnam

City

Yazd

Province

Yazd

Postal code

8915173160

Approval date

2018-08-04, 1397/05/13

Ethics committee reference number

IR.SSU.SPH.REC.1397.056

Health conditions studied

1

Description of health condition studied

Moral Reasoning

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

Level and stages of students' moral reasoning and reflection ability

Timepoint

Before intervention, one week and one month after intervention

Method of measurement

Moral reasoning via Managerial Moral Judgment Test questionnaire and Reflection ability via Groningen Reflection Ability Scale questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: First of all pre test should be conducted. then the educational intervention will be performed in at least three sessions of 90 minutes via lecture, case base learning and reflection methods which will be taught by assistance of medical ethics and health care services management experts. in lecture method we consider basics and principals of professionalism, reasoning stages, the meaning of reflection and their challenges according to the selected case problem. in case base learning method, the case which is a managerial moral dilemma will be discussed and we ask the students to analyze that in small groups and share the results. then in group discussion reasoning details will be discussed in a larger group and in next step we'll ask the students to answer the reflection questions according to the Gibbs's reflection model which in starting sessions is group reflection and then becomes self reflection. at last post test evaluation will be done with related questionnaires in 1 week and 1 month after intervention.

Category

Behavior

Recruitment centers

1

Recruitment center

Name of recruitment center

Yazd's University of medical sciences

Full name of responsible person

Amirsobhan Rostami

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Yazd University of Medical Sciences

Full name of responsible person

Masoud Mirzaei

Street address

Bahonar Sq. Southern Shahid sadoughu St.

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vakilim52@ssu.ac.ir

Web page address

<http://ssu.ac.ir/cms/index.php?id=467>

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

Yazd University of Medical Sciences

Proportion provided by this source

100

Public or private sector

Public

Domestic or foreign origin

Domestic

Category of foreign source of funding

empty

Country of origin

Type of organization providing the funding

Academic

Person responsible for general inquiries

Contact

Name of organization / entity

Yazd University of Medical Sciences

Full name of responsible person

Amirsobhan Rostami

Position

MSc Student

Latest degree

Bachelor

Other areas of specialty/work

Medical Ethics

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Person responsible for updating data

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Fax**Email**

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Sharing plan

Deidentified Individual Participant Data Set (IPD)

Undecided - It is not yet known if there will be a plan to make this available

Study Protocol

Yes - There is a plan to make this available

Statistical Analysis Plan

Not applicable

Informed Consent Form

Yes - There is a plan to make this available

Clinical Study Report

Not applicable

Analytic Code

Not applicable

Data Dictionary

Not applicable

Title and more details about the data/document

Personal data which could be shared

When the data will become available and for how long

from 1399

To whom data/document is available

free for all interested people

Under which criteria data/document could be used

management related

From where data/document is obtainable

Amirsobhan Rostami 09360345875

asrluvz72@gmail.com

What processes are involved for a request to access data/document

Via Email

Comments