Clinical Trial Protocol
Iranian Registry of Clinical Trials

22 Nov 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 chech 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)
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+98 35 3821 3086
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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
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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
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Bahonar Sq. Southern Shahid sadoughu St.
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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 scientific inquiries

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Person responsible for updating data

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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