Clinical Trial Protocol
Iranian Registry of Clinical Trials

07 Nov 2026

Assessment of Students’ Medical Ethics Rounds (SMER) on knowledge, attitude, and ethical sensitivity of medical students

Protocol summary

Summary

This study aims to investigate the effectiveness of Students' Medical Ethics Rounds on knowledge and attitude of medical students. It is non-randomized, non-blinded medical education interventional study. Medical students participating in rounds who fill questionnaires are included/ the students who do not fill the questionnaires are excluded. 50 students for each session are the required sample size of study. Total sample size of study will be approximately 300. Theater play of real clinical cases of medical ethics problems, large group discussion of the presented ethical problem, professors comments regarding students' questions, movies of patients' and health-care providers' opinions of the ethical problem, role-playing of students fir this ethical problem and role-play/model of professors are the medical education interventions. These rounds will be held from October 2012 until February 2014. Ethical sensitivity regarding the ethical problems; knowledge, attitude and confidence of students for acting ethically in face with ethical problems are the outcomes of this study.

General information

Acronym

SMER

IRCT registration information

IRCT registration number: **IRCT2013050413221N1**
Registration date: **2016-05-30, 1395/03/10**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2016-05-30, 1395/03/10

Registrant information

Name

Ghasem Pishgahi

Name of organization / entity

Students' Scientific Research Center (SSRC), Tehran University of Medical Sciences

Country

Iran (Islamic Republic of)

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+98 26 4423 3515

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Recruitment status

Recruitment complete

Funding source

This study is granted as a small student grant, Students' Scientific Research Center, Tehran University of Medical Sciences

Expected recruitment start date

2012-10-01, 1391/07/10

Expected recruitment end date

2016-03-01, 1394/12/11

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Assessment of Students’ Medical Ethics Rounds (SMER) on knowledge, attitude, and ethical sensitivity of medical students

Public title

Students’ Medical Ethics Rounds

Purpose

Other

Inclusion/Exclusion criteria

All medical students participating in rounds who fill the pretest and post-test questionnaires are included/ the

students who do not fill the questionnaires are excluded.

Age
No age limit

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **300**

Randomization (investigator's opinion)
N/A

Randomization description

Blinding (investigator's opinion)
Not blinded

Blinding description

Placebo
Not used

Assignment
Single

Other design features
This study is a medical education study for introduction of this new method of medcal ethics teaching, and aims to investigate its effectiveness.

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee
Medical Ethics and History of Medicine Research Center-Tehran University of Medical Sciences

Street address
Tehran, 16th Azar Street, At the corner of Poursina Street, N 23, Medical Ethics and History of Medicine Research Center

City
Tehran

Postal code
1417613151

Approval date
2012-11-25, 1391/09/05

Ethics committee reference number
91-04-61-20193-77305

Health conditions studied

1

Description of health condition studied
Medical Education

ICD-10 code

ICD-10 code description

2

Description of health condition studied
Medical ethics

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description
Knowledge of Medical Ethics regarding the round's topic of medical ethics problem

Timepoint
Beginning and end of each round

Method of measurement
Researcher's made questionnaire

2

Description
Attitude of Medical Ethics regarding the round's topic of medical ethics problem

Timepoint
Beginning and end of each round

Method of measurement
Researcher's made questionnaire

3

Description
Confidences of Medical Students regarding the round's topic of medical ethics problem

Timepoint
Beginning and end of each round

Method of measurement
Researcher's made questionnaire

Secondary outcomes

1

Description
Participants' reflections on each medical education intervention

Timepoint
End of each round

Method of measurement
Reflections form with 5-point Likert scale

Intervention groups

1

Description
Theater play for real medical ethics case

Category
Other

2

Description
Large group discussion on the presented medical ethics problem
Category
Other

3

Description
Summarizing discussions and answering the questions of students by ethics and clinical professors
Category
Other

4

Description
Showing movies regarding the opinions of patients, health-care providers, professors and students.
Category
Other

5

Description
Role-playing of students for deciding in face with medical ethics problems of each round
Category
Other

6

Description
Role-modeling by professors for the clinical ethical problem role-played by students.
Category
Other

7

Description
Giving pamphlet including summary of practical ways of deciding in case of medical ethics problems discussed in each round
Category
Other

Recruitment centers

1

Recruitment center
Name of recruitment center
Students' Scientific Research Center (SSRC), Tehran University of Medical Sciences
Full name of responsible person
Fatemeh moghadas
Street address
Tehran-Keshavarz Boulevard-Vessal Shirazi Street-Corner of Italia Street- N 56- Students' Scientific Research Center (SSRC)
City
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Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Students' Scientific Research Center (SSRC)-Tehran University of Medical Sciences
Full name of responsible person
Fariba Asghari
Street address
Tehran, 16th Azar Street, At the corner of Poursina Street, N 23, Medical Ethics and History of Medicine Research Center
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Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Students' Scientific Research Center (SSRC)-Tehran 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
Students' Scientific Research Center (SSRC), Tehran University of Medical Sciences
Full name of responsible person
Fatemeh Moghadas
Position
Medical Doctor (MD) and Master of Public Health (MPH) Student
Other areas of specialty/work
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Person responsible for scientific inquiries

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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