

Clinical Trial Protocol

Iranian Registry of Clinical Trials

28 Jun 2026

Comparison of the efficacy of communication skills workshop, watching movie, and their combination in enhancement of empathy in medical students (in clinical rotations)

Protocol summary

Summary

This study has been designed in order to compare the efficacy of communication skills workshop and watching movie in empathy enhancement of medical students. Medical students who are under education in clinical stages at different wards of Rasool E Akram hospital in 2016,2017, will be included in the study, if they give informed consent to participate in the study. The students will be randomized to one of the following four groups: 1. Participation in communication skills workshop 2. Watching "The Doctor" movie 3. First, watching "The Doctor" movie and then, participation in workshop 4. Control group, with no intervention. Sample size in each group will be 14 persons which makes a total size of 56 persons. Alpha error is considered to be equivalent to 0.05. Empathy of each participant will be measured three times by Jefferson scale of empathy, student version (JSE,S version): 1. Before the intervention 2. Immediately after the intervention 3. 1 month after the intervention. Finally, the effect of interventions on empathy will be evaluated.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016082629534N1**
Registration date: **2017-01-15, 1395/10/26**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2017-01-15, 1395/10/26

Registrant information

Name

Azin Ahmadzadeh

Name of organization / entity

Iran university of medical sciences (IUMS)

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Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Iran University of Medical Sciences

Expected recruitment start date

2016-11-21, 1395/09/01

Expected recruitment end date

2017-06-21, 1396/03/31

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of the efficacy of communication skills workshop, watching movie, and their combination in enhancement of empathy in medical students (in clinical rotations)

Public title

Comparison of the efficacy of communication skills workshop and watching movie in teaching empathy to medical students

Purpose

Other

Inclusion/Exclusion criteria

Inclusion criteria: Medical students of the clinical

rotations of different wards of Rasool E Akram hospital in 2016,2017, if: 1. Under training in a clinical course of medicine 2. Signing the informed consent to participate in the study Exclusion criteria: Students of psychiatry ward (to prevent possible confounding effect of learning empathy in this ward)

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 56

Randomization (investigator's opinion)

Randomized

Randomization description**Blinding (investigator's opinion)**

Single blinded

Blinding description**Placebo**

Not used

Assignment

Parallel

Other design features

Randomization will be through drawing of medical students who are under education in clinical stages at different wards of Rasool E Akram hospital.

Secondary Ids

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Ethics committee of Iran University of Medical Sciences (IUMS)

Street address

Beside Milad tower,Hemmat Exp.

City

Tehran

Postal code**Approval date**

2016-09-27, 1395/07/06

Ethics committee reference number

IR.IUMS.REC 1395.9311286001

Health conditions studied**1****Description of health condition studied**

Empathy

ICD-10 code

-

ICD-10 code description

-

Primary outcomes**1****Description**

Empathy

Timepoint

Before the intervention , Immediately after the intervention , 1 month after the intervention

Method of measurement

Jefferson Scale of Empathy , Student version (JSE,S version)

Secondary outcomes

empty

Intervention groups**1****Description**

Intervention group 1: Subjects participate in a communication skills workshop (2 hours ; Taught by an attending psychiatrist)

Category

Other

2**Description**

Intervention group 2: Subjects watch "The Doctor" movie (120 minutes; That is about patient physician relationship)(The movie is in English but has Persian subtitle.)

Category

Other

3**Description**

Intervention group 3: Subjects, first watch "The Doctor" movie (120 minutes; That is about patient physician relationship)(The movie is in English but has Persian subtitle) then, participate in a communication skills workshop (2 hours ; Taught by an attending psychiatrist)

Category

Other

4**Description**

Control group ; No intervention is performed

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Rasool E Akram Hospital

Full name of responsible person

Street address

Sattarkhan Street, Niayesh Street

City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research of Iran University of Medical Sciences

Full name of responsible person

Dr Mehrdad Eftekhari Ardebili

Street address

Iran University of Medical Sciences, Hemmat Expressway

City

Tehran

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 of Iran 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

Iran University of Medical Sciences

Full name of responsible person

Dr Azin Ahmadzadeh

Position

Resident of psychiatry

Other areas of specialty/work

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Person responsible for scientific inquiries

Contact

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Full name of responsible person

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Associate professor of psychiatry

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Person responsible for updating data

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Name of organization / entity

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Resident of psychiatry

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Web page address

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