

# 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)

##### Country

Iran (Islamic Republic of)

##### Phone

+98 21 8670 2220

##### Email address

ahmadzadeh.a@tak.iums.ac.ir

##### 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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Associate professor of psychiatry

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#### Person responsible for updating data

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**Position**

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**Other areas of specialty/work**

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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*