

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

11 Jul 2026

### Investigating the effectiveness of psychological first aid electronic training on the attitude and empathy and communication skills of military nurses in accidents and disasters

#### Protocol summary

##### Study aim

improve the attitude, empathy and communication skills of military nurses so that they can intervene effectively in crisis situations and accidents and minimize the damage, especially in the psychological field.

##### Design

Experimental study of a clinical trial, two groups (test and control), two stages (pre-test and post-test)  
Selection of samples in an easy way - random allocation by coin toss - parallel groups

##### Settings and conduct

4 1-hour sessions (one session per week) will be held in the Sky Room for the members of the test group Before and after the meetings, pre- and post-tests will be taken from both groups The workshop sessions will be available to the control group after the interventions

##### Participants/Inclusion and exclusion criteria

Inclusion criteria 1. Have a bachelor's degree in nursing or higher. 2. To work as a nurse in one of the departments of Aja hospitals located in Isfahan and Tehran. 3. He has not participated in preparation courses to deal with crisis situations before. 4. Have electronic devices (smartphones, tablets, laptops, etc.). Exit criteria 1. The nurse should be working in the psychiatric department. 2. The nurse's unwillingness to cooperate.

##### Intervention groups

4 1-hour sessions in the form of an electronic psychological first aid workshop in Sky Room and during a period of 4 weeks (every week a training session) will be held for the test group. No intervention will be done for the control group.

##### Main outcome variables

Attitude in disasters, Sympathy, communication skill

#### General information

##### Reason for update

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT20220923056023N1**  
Registration date: **2023-01-31, 1401/11/11**  
Registration timing: **retrospective**

Last update: **2023-01-31, 1401/11/11**

Update count: **0**

##### Registration date

2023-01-31, 1401/11/11

##### Registrant information

##### Name

Sayed Mohammad Sadegh madani

##### Name of organization / entity

##### Country

Iran (Islamic Republic of)

##### Phone

+98 31 3458 1608

##### Email address

s.m.s.madani1376@gmail.com

##### Recruitment status

**Recruitment complete**

##### Funding source

##### Expected recruitment start date

2022-09-22, 1401/06/31

##### Expected recruitment end date

2022-11-01, 1401/08/10

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

Investigating the effectiveness of psychological first aid

electronic training on the attitude and empathy and communication skills of military nurses in accidents and disasters

#### Public title

effectiveness of e-learning psychological first aid on attitudes and empathy and communication skills

#### Purpose

Education/Guidance

#### Inclusion/Exclusion criteria

##### Inclusion criteria:

Have a bachelor's degree in nursing or higher To work as a nurse in one of the departments of Aja hospitals located in the cities of Isfahan and Tehran She or he has not participated in preparation courses to deal with crisis situations before Have electronic equipment (smartphone, tablet, laptop, etc.) to participate in the electronic workshop.

##### Exclusion criteria:

A nurse working in the psychiatric department of an army hospital Unwillingness to cooperation by the nurse

#### Age

No age limit

#### Gender

Both

#### Phase

N/A

#### Groups that have been masked

No information

#### Sample size

Target sample size: 46

#### Randomization (investigator's opinion)

Randomized

#### Randomization description

After the number of research samples reached the quorum; All the research samples will be randomly assigned in two control groups (coin line part) and test (coin tap part) by the coin toss method.

#### Blinding (investigator's opinion)

Not blinded

#### Blinding description

#### Placebo

Not used

#### Assignment

Parallel

#### Other design features

## Secondary Ids

empty

## Ethics committees

### 1

#### Ethics committee

##### Name of ethics committee

Ethics committee of Islamic Republic of Iran Army  
University of Medical Sciences

##### Street address

Aja University of Medical Sciences, Etemadzadeh St,  
Fatemi Ave, Tehran, Iran

#### City

Tehran

#### Province

Tehran

#### Postal code

1411718541

#### Approval date

2022-09-21, 1401/06/30

#### Ethics committee reference number

IR.AJAUMS.REC.1401.092

## Health conditions studied

### 1

#### Description of health condition studied

Attitude in disasters

#### ICD-10 code

#### ICD-10 code description

### 2

#### Description of health condition studied

Sympathy

#### ICD-10 code

#### ICD-10 code description

### 3

#### Description of health condition studied

communication skill

#### ICD-10 code

#### ICD-10 code description

## Primary outcomes

### 1

#### Description

Attitude (the score of the researcher's questionnaire to measure attitude)

#### Timepoint

before the intervention and one week after the end of the intervention

#### Method of measurement

Questionnaire made by the researcher to measure attitudes in accidents and disasters

### 2

#### Description

Empathy (Davis empathy questionnaire score)

#### Timepoint

before the intervention and one week after the end of the intervention

#### Method of measurement

Davis Empathy Questionnaire

### 3

#### Description

Communication skill (Queendom communication skill

questionnaire score)

### Timepoint

before the intervention and one week after the end of the intervention

### Method of measurement

Questionnaire for measuring Queendom communication skills

## Secondary outcomes

empty

## Intervention groups

### 1

#### Description

Intervention group: First, 1 face-to-face meeting for nurses to explain the work and research objectives, then 4 1-hour sessions of virtual psychological first aid training in Sky-room (audio and video with the help of videos, photos and teaching by the teacher and researcher), each session in a The week was held. Questions and answers were provided for the sample members in each meeting according to the use of Sky-room. The content of the sessions is localized and adapted to the Iranian culture from the main source of psychological first aid training approved by the World Health Organization.

#### Category

Other

### 2

#### Description

Control group: There was no intervention in this group

#### Category

N/A

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

Imam Reza Hospital Tehran

##### Full name of responsible person

Dr. Mojtaba Yoosefi Zashak

##### Street address

Imam Reza Hospital, Etemadzadeh St, Fatemi Ave, Tehran, Iran

##### City

Tehran

##### Province

Tehran

##### Postal code

1411718541

##### Phone

+98 21 8609 6350

##### Email

behsan@ajaums.ac.ir

### 2

#### Recruitment center

##### Name of recruitment center

577 Army Hospital

##### Full name of responsible person

Dr. Taherian

##### Street address

Army Hospital 577, Shahid Dariush Gholami Ave, Isfahan, Iran

##### City

Isfahan

##### Province

Isfahan

##### Postal code

1411718541

##### Phone

+98 31 3624 0021

##### Email

behsan@ajaums.ac.ir

## Sponsors / Funding sources

### 1

#### Sponsor

##### Name of organization / entity

Artesh University of Medical Sciences

##### Full name of responsible person

Neda eskandari

##### Street address

Unit 503, Pasargad Apartment, Payam Alley, Flatouri Street, Isfahan, Iran

##### City

Isfahan

##### Province

Isfahan

##### Postal code

8193755877

##### Phone

+98 31 3458 1608

##### Email

s.m.s.madani1376@gmail.com

#### Grant name

#### Grant code / Reference number

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

Yes

#### Title of funding source

Artesh 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

s.m.s.madani1376@gmail.com

### Contact

**Name of organization / entity**

Esfahan University of Medical Sciences

**Full name of responsible person**

Sayed Mohammad Sadegh Madani

**Position**

Nurse

**Latest degree**

Master

**Other areas of specialty/work**

Nursery

**Street address**

Unit 503, Pasargad Apartment, Payam Alley, Flatouri Street, Isfahan, Iran

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## Person responsible for scientific inquiries

### Contact

**Name of organization / entity**

Esfahan University of Medical Sciences

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## Person responsible for updating data

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**Name of organization / entity**

Esfahan University of Medical Sciences

**Full name of responsible person**

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**Latest degree**

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## Sharing plan

**Deidentified Individual Participant Data Set (IPD)**

No - There is not a plan to make this available

**Justification/reason for indecision/not sharing IPD**

There is no plan to release the raw data of the study participants unless the responsible organization or institution wants to review the data.

**Study Protocol**

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

**Statistical Analysis Plan**

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

**Informed Consent Form**

No - There is not a plan to make this available

**Clinical Study Report**

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

**Analytic Code**

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

**Data Dictionary**

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