

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

City

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Phone

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Email

s.m.s.madani1376@gmail.com

Person responsible for scientific inquiries

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

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Person responsible for updating data

Contact

Name of organization / entity

Esfahan University of Medical Sciences

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Position

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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