

Clinical Trial Protocol

Iranian Registry of Clinical Trials

21 Jun 2026

Investigating the impact of virtual education of emotional intelligence components' on the perceived stress and communication skills of senior nursing students

Protocol summary

Study aim

The overall purpose of this study was to investigate the effect of virtual education of emotional intelligence components' on the perceived stress and communication skills in nursing students.

Design

The present study is an interventional study with pre and post design. The research population is all undergraduate nursing students of Shiraz University of Medical Sciences who have entered the university in 2016. They are divided into two groups of intervention and control using permuted block randomization method.

Settings and conduct

Education is done by using skype program.

Participants/Inclusion and exclusion criteria

Inclusion criteria: Undergraduate student of nursing at Shiraz University of medical sciences; being at fourth academic year; Willing to participate in the study. Non-inclusion criteria: Has passed an emotional intelligence training workshop in the past year; In the last 6 months a severe crisis such as divorce itself, Divorce of parents, or close relatives has occurred; Have a history of mental illness or use of drugs related to mental illness (according to self-report).

Intervention groups

Intervention group: Implementation of intervention as an emotional intelligence virtual workshop in two sessions. Control group: the control group received no training.

Main outcome variables

Perceived stress; Communication skills

General information

Reason for update

Inability to hold a face to face workshop due to covid19 illness.

Acronym

IRCT registration information

IRCT registration number: **IRCT20160228026817N3**

Registration date: **2020-01-29, 1398/11/09**

Registration timing: **prospective**

Last update: **2020-09-16, 1399/06/26**

Update count: **1**

Registration date

2020-01-29, 1398/11/09

Registrant information

Name

Neda Jamalimoghadam

Name of organization / entity

Shiraz university of medical science

Country

Iran (Islamic Republic of)

Phone

+98 71 3621 5273

Email address

jamalin@sums.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2020-02-09, 1398/11/20

Expected recruitment end date

2020-03-10, 1398/12/20

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Investigating the impact of virtual education of emotional

intelligence components' on the perceived stress and communication skills of senior nursing students

Public title

The Effect of emotional intelligence education on nursing students' stress and communication skills

Purpose

Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:

Undergraduate student of nursing at Shiraz University of Medical Sciences being at fourth academic year Willing to participate in the study

Exclusion criteria:

Has passed an emotional intelligence training workshop in the past year. In the last 6 months a severe crisis such as divorce itself, Divorce of parents or close relatives has occurred. Have a history of mental illness or use of drugs related to mental illness (according to self-report).

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 76

Randomization (investigator's opinion)

Randomized

Randomization description

The researcher provides a list of the volunteers who have the inclusion criteria for the study. Then, she set half of the entering undergraduate nursing students of the year 2016 in the intervention group and the rest of them in the control group by the use of permuted block randomization 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 Shiraz University of Medical Sciences

Street address

Next to the Red Crescent, Zand street

City

Shiraz

Province

Fars

Postal code

71345-1978

Approval date

2018-10-09, 1397/07/17

Ethics committee reference number

IR.SUMS.REC.1398.919

Health conditions studied

1

Description of health condition studied

The relationship between virtual education of emotional intelligence component on perceived stress and communication skills of nursing students

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

Perceived stress

Timepoint

Before the intervention, immediately after the intervention, one month after the intervention

Method of measurement

Cohen perceived stress questionnaire

2

Description

Communication skills

Timepoint

Before the intervention, immediately after the intervention, one month after the intervention

Method of measurement

Queendom communication skills questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: Implementation of educational intervention for experimental group during two 90-minute training sessions using active teaching-learning methods

Category

Other

2

Description

Control group: The control group is without any intervention. At the end of the workshop the pdf file of educational material will be provided to the control group.

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Fatemeh (P.B.U.H) school of Nursing and Midwifery

Full name of responsible person

Neda Jamali moghaddam

Street address

Fatemeh (P.B.U.H) school of Nursing and Midwifery,
Namazi Square

City

Shiraz

Province

Fars

Postal code

71936-13119

Phone

+98 71 3647 4254

Email

Jamalin@sums.ac.ir

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Shiraz University of Medical Sciences

Full name of responsible person

Neda Jamali moghaddam

Street address

Fatemeh (P.B.U.H) school of Nursing and Midwifery,
Namazi Square

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71936-13119

Phone

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Email

Jamalin@sums.ac.ir

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Shiraz 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

Contact

Name of organization / entity

Shiraz University of Medical Sciences

Full name of responsible person

Neda Jamali moghaddam

Position

Associate professor

Latest degree

Ph.D.

Other areas of specialty/work

Pediatrics

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Person responsible for scientific inquiries

Contact

Name of organization / entity

Shiraz University of Medical Sciences

Full name of responsible person

Neda Jamali moghaddam

Position

Associate professor

Latest degree

Ph.D.

Other areas of specialty/work

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Fars

Postal code

71936-13119

Phone

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Email

Person responsible for updating data

Contact

Name of organization / entity

Shiraz University of Medical Sciences

Full name of responsible person

Nazanin Mansouri

Position

Masters student

Latest degree

Bachelor

Other areas of specialty/work

Pediatrics

Street address

Fatemeh (P.B.U.H) school of Nursing and Midwifery,
Namazi Square

City

Shiraz

Province

Fars

Postal code

71936-13119

Phone

+98 71 3647 4254

Email

nazanin.m1771@gmail.com

Sharing plan

Deidentified Individual Participant Data Set (IPD)

Yes - There is a plan to make this available

Study Protocol

No - There is not a plan to make this available

Statistical Analysis Plan

No - There is not a plan to make this available

Informed Consent Form

No - There is not a plan to make this available

Clinical Study Report

Yes - There is a plan to make this available

Analytic Code

No - There is not a plan to make this available

Data Dictionary

No - There is not a plan to make this available

Title and more details about the data/document

Information about the main outcomes of the research can be shared after making individuals unidentifiable.

When the data will become available and for how long

The start of data access is one month after the end of the interventions and data analysis.

To whom data/document is available

Researchers in academic institutions, students and anyone interested in knowing the results of this research.

Under which criteria data/document could be used

Use of data results and documentation is only possible with a citation.

From where data/document is obtainable

Request documentation via email
address:nazanin.m1771@gmail.com

What processes are involved for a request to access data/document

Upon submission of the application and documentation by email, the data will be sent to the applicant's email for up to one week.

Comments