

Clinical Trial Protocol

Iranian Registry of Clinical Trials

01 Jul 2026

Investigating the effect of a spiritual care program through virtual network on spiritual well-being and mental health of nursing internship students during the COVID-19 pandemic.

Protocol summary

Study aim

Determining the Impact of a spiritual care program through virtual network on spiritual well-being and mental health of nursing internship students during the COVID-19 pandemic

Design

The study is performed on 70 final year nursing students who are divided into experimental and control groups using a random number table. For the experimental group, the spiritual care program is implemented through the WhatsApp virtual network and no intervention is performed for the control group.

Settings and conduct

In this study, the research environment for selecting the samples is the internal and surgical departments of educational medical centers affiliated with Isfahan University of Medical Sciences. the spiritual care program is implemented in six sessions through WhatsApp for the experimental group.

Participants/Inclusion and exclusion criteria

Undergraduate nursing students in the 7th and 8th semesters; Willingness to participate in the study (interested in participating in the research); Internet access; Having a smartphone.

Intervention groups

WhatsApp software will be used to perform the intervention in the experimental group. the intervention is performed for six sessions (twice a week). Questionnaires are completed immediately before the intervention and after the end of the sixth session. The spiritual care program in this study has four areas of human beings (including communication with God, communication with oneself, communication with others and communication with nature). The control group completes the questionnaires only immediately before the study and three weeks after the start of the study for the experimental group.

Main outcome variables

Develop and propose a spiritual care program to promote the spiritual health and mental health of nursing students

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20111002007692N2**
Registration date: **2021-12-05, 1400/09/14**
Registration timing: **prospective**

Last update: **2021-12-06, 1400/09/15**

Update count: **1**

Registration date

2021-12-05, 1400/09/14

Registrant information

Name

tahere momeni

Name of organization / entity

Isfahan university of medical science

Country

Iran (Islamic Republic of)

Phone

+98 913 239 0798

Email address

t_momeni@nm.mui.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2021-12-30, 1400/10/09

Expected recruitment end date

2022-12-30, 1401/10/09

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Investigating the effect of a spiritual care program through virtual network on spiritual well-being and mental health of nursing internship students during the COVID-19 pandemic.

Public title

Investigating the effect of a spiritual care program through virtual network on spiritual well-being and mental health of nursing internship students during the COVID-19 pandemic

Purpose

Education/Guidance

Inclusion/Exclusion criteria**Inclusion criteria:**

Undergraduate students in the 7th and 8th semesters of nursing Internet access Having a smartphone

Exclusion criteria:

No willingness to participate in the study

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 70

Randomization (investigator's opinion)

Randomized

Randomization description

Samples will be randomly divided into experimental and control groups using a table of random numbers. The researcher first determines whether the odd or even numbers belong to the intervention or control group. To select sample people from the table, the researcher randomly starts from a point in the table in the direction of the row or column. The selection of the point can be done by closing the eyes and placing a finger or the tip of a pen on the table. The movement does not differ in the direction of the row or column, and this is up to the researcher. To select the numbers from the debate, he puts the numbers in separate envelopes and numbers the envelopes in order from number one. Envelope number one belongs to the first person. And since we have already determined that the even and odd numbers in the envelope belong to the intervention or control group, the participants will be placed in the relevant group.

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**

Research Ethics Committees of School of Medicine - Isfahan University of Medical Sciences

Street address

Isfahan University of Medical Sciences, Isfahan, Iran

City

Isfahan

Province

Isfahan

Postal code

81746-73461

Approval date

2021-04-19, 1400/01/30

Ethics committee reference number

IR.MUI.MED.REC.1400.051

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

Spiritual well being and mental health

ICD-10 code**ICD-10 code description****Primary outcomes****1****Description**

Score from the Spiritual well being Questionnaire

Timepoint

Immediately before the intervention and three weeks after the start of the study

Method of measurement

Pulotzin and Ellison Spiritual Well being Questionnaire

Secondary outcomes**1****Description**

Score from DASS42 Depression, Anxiety and Stress Questionnaire

Timepoint

Immediately before the intervention and three weeks after the start of the study

Method of measurement

Intervention groups

1

Description

Intervention group: WhatsApp software will be used to perform the intervention in the experimental group. Due to the limited access of students to the Internet, people's suggested hours will be asked and at the request of individuals, they will be divided into three groups of 10-12 people in three different time periods. Then the intervention is performed for six sessions (twice a week). In this research, the Holy Quran, Sahifa Sajjadih, Nahj al-Balaghah, Gharr al-Hakam, Dar al-Kalam and other authoritative books on spiritual care, palliative medicine and the results of previous researches have been used to compile the content of the spiritual care program. Questionnaires are completed immediately before the intervention and after the end of the sixth session. The spiritual care program in this study has four areas of human beings (including communication with God, communication with self, communication with others and communication with nature). Objectives Aim to meet the spiritual needs of students with a focus on 4 only human communication, including activities to empower students's existence, spiritual discussions, suggesting spiritual resources and references appropriate to the axis of each session, providing spiritual guidance, promoting spiritual participation and finally improving the meaning and purpose in the life of nursing students.

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Isfahan University of Medical Sciences, Isfahan, Iran

Full name of responsible person

Tahere Momeni-Ghaleghasemi

Street address

Isfahan University of Medical Sciences, Isfahan, Iran

City

Isfahan

Province

Isfahan

Postal code

81746-73461

Phone

+98 31 3668 0048

Email

t_momeni@nm.mui.ac.ir

Web page address

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Esfahan University of Medical Sciences

Full name of responsible person

Dr. Mansour Siavash

Street address

Isfahan University of Medical Sciences, Isfahan, Iran

City

Isfahan

Province

Isfahan

Postal code

81746-73461

Phone

+98 31 3668 0048

Email

t_momeni@nm.mui.ac.ir

Web page address

Grant name

Grant code / Reference number

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

No

Title of funding source

Isfahan 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

Esfahan University of Medical Sciences

Full name of responsible person

Tahere Momeni-Ghaleghasemi

Position

Instructor of the Faculty of Nursing

Latest degree

Master

Other areas of specialty/work

Nursery

Street address

Isfahan University of Medical Sciences, Isfahan, Iran

City

Isfahan

Province

Isfahan

Postal code

81746-73461

Phone

+98 31 3668 0048

Email

t_momeni@nm.mui.ac.ir

Person responsible for scientific inquiries

Contact

Name of organization / entity

Esfahan University of Medical Sciences

Full name of responsible person

Tahere Momeni-ghaleghasemi

Position

Instructor of the School of Nursing

Latest degree

Master

Other areas of specialty/work

Nursery

Street address

Isfahan University of Medical Sciences,Isfahan,Iran

City

Isfahan

Province

Isfahan

Postal code

81746-73461

Phone

+98 31 3668 0048

Email

t_momeni@nm.mui.ac.ir

Person responsible for updating data

Contact

Name of organization / entity

Esfahan University of Medical Sciences

Full name of responsible person

Tahere Momeni-Ghaleghasemi

Position

instructor

Latest degree

Master

Other areas of specialty/work

Nursery

Street address

Isfahan University of Medical Sciences,Isfahan,Iran

City

Isfahan

Province

Isfahan

Postal code

81746-73461

Phone

+98 31 3668 0048

Email

t_momeni@nm.mui.ac.ir

Sharing plan

Deidentified Individual Participant Data Set (IPD)

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

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

Undecided - It is not yet known if there will be 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