

Clinical Trial Protocol

Iranian Registry of Clinical Trials

21 Jul 2026

The quality of Care and Attitude Change of Nursing Students at Shiraz University of Medical Sciences towards Old age: Using Parts of Classical Persian Literature: An RCT

Protocol summary

Study aim

Improving the quality of care and changing the attitude of undergraduate nursing students of Shiraz University of Medical Sciences towards old age by using parts of Persian classical literature teachings.

Design

86 of the nursing students of Shiraz University of Medical Sciences eligible to enter the study were randomly selected and the students were randomly assigned to groups with the help of statistical software (2 intervention and control groups) with Efron's randomization algorithm with equal blocks and 500 rotations. chance) in the control and intervention groups using NCSS-PASS version 15 software.

Settings and conduct

In Shiraz nursing school, 43 students will be trained in each session, in order to collect data and measure the research variables of the effect of the intervention on the desired outcomes by means of the Kogan attitude questionnaire towards the elderly and measuring the quality of nursing care in 4 time periods before the intervention and after the end of the session. Third, after the end of the intervention and two weeks after the end of the intervention, it will be completed for the participants.

Participants/Inclusion and exclusion criteria

1. Applying for the course unit "Adult and Aging Internship in Nursing", 2. Being Bachelor of Nursing at SUMS. Excluding: 1. Exchange Student

Intervention groups

intervention group and control group. Students' academic semesters are assigned to groups in a simple random way. One of the groups (semester 7 and 8) is control and the other is intervention.

Main outcome variables

Improving the quality of nursing care (in physical, mental and communication dimensions), changing the attitude

of nursing students towards the elderly

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20180514039648N5**

Registration date: **2023-06-11, 1402/03/21**

Registration timing: **prospective**

Last update: **2023-06-11, 1402/03/21**

Update count: **0**

Registration date

2023-06-11, 1402/03/21

Registrant information

Name

Abdolrahim Asadollahi

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 71 3725 1001

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Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2023-06-21, 1402/03/31

Expected recruitment end date

2023-07-02, 1402/04/11

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The quality of Care and Attitude Change of Nursing Students at Shiraz University of Medical Sciences towards Old age: Using Parts of Classical Persian Literature: An RCT

Public title

Effectiveness of Classical Persian literature on the Quality of Care and Attitudes of Geriatric Nurses

Purpose

Education/Guidance

Inclusion/Exclusion criteria**Inclusion criteria:**

Nursing students of Shiraz University of Medical Sciences in the academic year 1402-1401. Students who have received an internship in the field. Continuous and consecutive attendance in the educational program. Willingness to cooperate.

Exclusion criteria:

Temporary and transfer student

Age

From **18 years** old

Gender

Both

Phase

N/A

Groups that have been masked

- Outcome assessor

Sample size

Target sample size: **86**

Randomization (investigator's opinion)

Randomized

Randomization description

The names of nursing students who have taken Geriatric Nursing Internship course will received from the Vice-Chancellor of Education; Then, according to the inclusion and exclusion criteria in the random numbers table in Excel software, randomization is done by defining 2 codes of A & B (for two groups: intervention and control). Every student has an equal proportion to being in each group.

Blinding (investigator's opinion)

Single blinded

Blinding description

Blinding occurs in the outcome assessor in such a way that she does not know which data are related to the control group and which are related to the intervention group.

Placebo

Not used

Assignment

Single

Other design features**Secondary Ids**

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Schools of Health and Nutrition- Shiraz University of Medical Sciences

Street address

Shiraz - Zand St. - in front of Palestine St. - Central Building. 7th floor of Shiraz University of Medical Sciences

City

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Province

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Postal code

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Approval date

2023-04-09, 1402/01/20

Ethics committee reference number

IR.SUMS.SCHEANUT.REC.1402.013

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

The quality of nursing care in the elderly

ICD-10 code**ICD-10 code description****2****Description of health condition studied**

Changing the attitude of undergraduate nursing students towards old age

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

Quality of care

Timepoint

before the start of the study, 21 days after the start of the intervention, 42 days after the start of the intervention and 56 days after the start of the intervention

Method of measurement

Nursing care quality questionnaire

2**Description**

Attitude towards old age

Timepoint

before the start of the study, 21 days after the start of the intervention, 42 days after the start of the intervention and 56 days after the start of the

intervention
Method of measurement
Kogan Attitude Questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: 43 students will be trained in each session, and after explaining the goals of the project and obtaining consent to participate in the study, questionnaires will be used to collect data and measure research variables. In order to measure the effect of the intervention, the desired outcomes will be completed by the Kogan Attitude towards the Elderly Questionnaire and measuring the quality of nursing care in 4 time periods before the intervention, after the end of the third training session, after the end of the intervention and two weeks after the end of the intervention for the participants. became. At first, the desired questionnaires will be delivered to the participants in the research for completion, then 6 training sessions of 45 minutes will be held during 2 months with the aim of increasing students' knowledge about the elderly by using parts of classical literature teachings. An evaluation will be done at the end of the third training session with the aim of evaluating the training and measuring the quality of the intervention, and in two other time periods (the end of the intervention and two weeks after the end of the intervention) with the aim of lasting the effect of the educational program.

Category

Behavior

2

Description

Control group: No intervention will be performed for the control group.

Category

Behavior

Recruitment centers

1

Recruitment center

Name of recruitment center
Shiraz School of Nursing, Medical Sciences
Full name of responsible person
Dr. Maryam Shaygan
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Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Shiraz University of Medical Sciences
Full name of responsible person
Basir Hashemi
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Razi Blvd., School of Health - 3rd floor
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Web page address
<https://research.sums.ac.ir/>

Grant name

Grant code / Reference number

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

No

Title of funding source

Shiraz University Of Medical Sciences

Proportion provided by this source

50

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
Seyyed Najmah Hosseini
Position
Master student
Latest degree
Master
Other areas of specialty/work
Geriatrics

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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