

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

Designing an educational intervention based on the control source and coping styles of Andler and Parker and its effect on the resilience of nurses in hospitals of Iran University of Medical Sciences during corona outbreak

Protocol summary

Study aim

Educational intervention based on the source of control and coping styles of Andler and Parker and determining its effect on the resilience of nurses during corona outbreaks

Design

Among the hospitals of affiliated to Iran University of Medical Sciences in Tehran city, two hospitals were selected using a dice. To promote the intervention fidelity and reduce the between-group contamination, one of the hospitals will be selected randomly as the control group and the other as the intervention group. Then, 70 nurses, who have the inclusion criteria of the study, will be enrolled from each hospital by systematic random sampling method. There is no blinding.

Settings and conduct

After previous coordination of the Nursing unit of Deputy of Treatment of Iran University of Medical Sciences and introducing the researcher to the Nursing Management Department of the hospitals affiliated, sampling and educational intervention on nurses for the experimental group at the location of the center will be done. Data are collected using the questionnaires of this study in both intervention and control groups, before the, immediately, 1, 3, 6 months after the intervention. Then data are analyzed in SPSS software version 24.

Participants/Inclusion and exclusion criteria

Inclusion criteria: active care for at least 6 months in the admission wards of patients with coronary artery, having a bachelor's degree or higher Exclusion criteria: history of physical and mental illness, absence of more than one session

Intervention groups

8 training sessions are considered for the experimental group, but for the control group, a two-hour training session will be performed after the end of the course.

Main outcome variables

Outcome of the study: Comparison of the mean score of Connor and Davidson resilience questionnaire in the experimental and control groups at the time before and after the study

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20211027052890N1**

Registration date: **2022-02-27, 1400/12/08**

Registration timing: **registered_while_recruiting**

Last update: **2022-02-27, 1400/12/08**

Update count: **0**

Registration date

2022-02-27, 1400/12/08

Registrant information

Name

Mahasti Emami Hamzehkolaee

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 11 3233 9176

Email address

emamihamzeh.m@iums.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2022-01-21, 1400/11/01

Expected recruitment end date

2022-07-23, 1401/05/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Designing an educational intervention based on the control source and coping styles of Andler and Parker and its effect on the resilience of nurses nurses in hospitals of Iran University of Medical Sciences during corona outbreak

Public title

Designing an educational intervention based on the control source and coping styles of Andler and Parker and its effect on the resilience of nurses nurses in hospitals of Iran University of Medical Sciences during corona outbreak

Purpose

Education/Guidance

Inclusion/Exclusion criteria**Inclusion criteria:**

Have at least 5 years of work experience A history of active care for at least 6 months in the reception wards of patients with coronary heart disease Having a bachelor's degree or higher

Exclusion criteria:

Having a history of physical and mental illness and taking medications that affect the mental system
Absence of more than one session Loss of a first-degree relative (father, mother, spouse or child) less than six months ago

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked*No information***Sample size**Target sample size: **166****Randomization (investigator's opinion)**

Randomized

Randomization description

Among the hospitals of affiliated to Iran University of Medical Sciences in Tehran city, two hospitals were selected using a dice. To promote the intervention fidelity and reduce the between-group contamination. one of the hospitals will be selected randomly as the control group and the other as the intervention group. Then, 83 nurses, who have the inclusion criteria of the study, will be enrolled from each hospital by systematic random sampling method each hospital

Blinding (investigator's opinion)

Not blinded

Blinding description**Placebo**

Not used

Assignment

Parallel

Other design features

This study does not have unique design specifications

Secondary Ids

empty

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

Ethics Committee of Iran University of Medical Sciences and Health Services

Street address

Mr. Nasser Emami's personal home, Tohid 2, Western Belt, Babol Town

City

Babol

Province

Mazandaran

Postal code

4714755563

Approval date

2021-08-24, 1400/06/02

Ethics committee reference number

IR.IUMS.REC.1400.431

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

The effect of educational intervention on improving nurses' resilience during coronary heart disease

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

Mean score of Connor and Davidson resilience questionnaire in experimental and control groups

Timepoint

The mean scores of the resilience questionnaire were measured at the beginning of the study and immediately, 1 , 3 , 6 months after the intervention.

Method of measurement

How to measure the outcome variable is Connor and Davidson Resilience Questionnaire

Secondary outcomes

1

Description

Mean Score of the CISS Standardized Coping Strategies Questionnaire in both experimental and control groups

Timepoint

The mean scores of the CISS Coping Strategies Questionnaire were measured at the beginning of the study and immediately, one month and 3 months after the intervention.

Method of measurement

How to measure the variable of coping strategies, 48 question questionnaire of coping strategies is ciss

2

Description

Mean score of the researcher-made questionnaire of the control source in the field of resilience in both experimental and control groups

Timepoint

The mean scores of the researcher-made questionnaire on resilience were measured at the beginning of the study and immediately, one month and 3 months after the intervention.

Method of measurement

How to measure the control source variable in the field of resilience is a researcher-made questionnaire that is used after psychometrics

Intervention groups

1

Description

First, the questionnaires were completed in two groups and then an appropriate intervention with the observed weaknesses, in the form of integrated training of various coping strategies with Andler and Parker and control source theory for the experimental group in several sessions through lectures, group discussions, questions and Answers and exercises are provided. Then, the data are entered immediately, 6, 3, 1 month after the intervention in SPSS software version 24 and are analyzed based on the results of pre-test data analysis, and the effectiveness of training in the experimental group is evaluated and also compared with the control group. To take. They are also given CDs and training manuals.

Category

Behavior

2

Description

Control group: At the end of the 3-month course of completing the questionnaire by the two groups, a two-hour training session on coping styles will be conducted for the control group.

Category

Behavior

Recruitment centers

1

Recruitment center

Name of recruitment center

Firoozgar hospitals

Full name of responsible person

Mahasti Emami Hamzehkolaee

Street address

Babol, West Ring Ave., Tohid Alley 2, Private house of Mr. Nasser Emami

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Web page address

https://fa.irct.ir/user/trial/59727/update/recruitment_center

2

Recruitment center

Name of recruitment center

Rasul Hazrat Hospital

Full name of responsible person

Mahasti Emami Hamzehkolaee

Street address

Hazrat Rasoul Hospital, Sattar Khan Ave.

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Iran University of Medical Sciences

Full name of responsible person

Dr. Hossein Kiwani

Street address

Iran University of Medical Sciences, Shahid Hemmat highway, Tehran Town

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Web page address
<https://fa.irct.ir/user/trial/59727/update/sponsor>

Grant name

Grant code / Reference number

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

Title of funding source
Iran 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
Iran University of Medical Sciences

Full name of responsible person
mahasti Emami Hamzehkolaee

Position
Phd student

Latest degree
Master

Other areas of specialty/work
nursing

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Person responsible for scientific inquiries

Contact

Name of organization / entity

Iran University of Medical Sciences

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Position
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Person responsible for updating data

Contact

Name of organization / entity
Iran University of Medical Sciences

Full name of responsible person
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Position
Phd student

Latest degree
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Other areas of specialty/work
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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