

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

Comparative study of the Effect of Desensitization with Eye movements and Reprocessing on the fear of Covid 19 in a virtual and real way on nurses

Protocol summary

Study aim

Determining the effect of eye movements desensitization and reprocessing in real and virtual methods and comparing them on fear of COVID 19 in nurses

Design

Controlled clinical trial, with three parallel groups, phase 2 on 159 people, without blinding, randomization of a balanced blocking method with the help of web-based sequence generation software

Settings and conduct

Hospitals of Qazvin

Participants/Inclusion and exclusion criteria

Have a bachelor's degree in nursing or higher; Activity in the corona for at least 6 months; Complete satisfaction for the company; Do not receive other educational interventions at the same time as the plan; Having an account on one of the social networks with video communication

Intervention groups

Three groups will be present in this study. The first group is the real group, in which first the level of fear of Covid is measured and then EMDR (eye movements desensitization and reprocessing) will be performed for them to reach the same number of fear of Covid in at least two consecutive sessions. And in the second group, which are virtual, the same operation will be done virtually, and the control group will be without any intervention.

Main outcome variables

Effect of EMDR (eye movements desensitization and reprocessing) on fear of covid 19

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20220222054101N1**

Registration date: **2022-06-18, 1401/03/28**

Registration timing: **registered_while_recruiting**

Last update: **2022-06-18, 1401/03/28**

Update count: **0**

Registration date

2022-06-18, 1401/03/28

Registrant information

Name

Seyyed Mahdi Mousavi

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 24 3525 0056

Email address

smahdimousavi7@gmail.com

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2022-06-18, 1401/03/28

Expected recruitment end date

2022-06-30, 1401/04/09

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparative study of the Effect of Desensitization with Eye movements and Reprocessing on the fear of Covid 19 in a virtual and real way on nurses

Public title

Comparative study of the Effect of Desensitization with Eye movements and Reprocessing on the fear of Covid 19 in a virtual and real way on nurses

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria:

Have a bachelor's degree in nursing or higher Activity in the covid19 ward for at least 6 months Complete satisfaction to enter into partnership Do not take other educational interventions at the same time as the plan Having an account on one of the social networks with video communication

Exclusion criteria:

Intolerance and resilience of the person during desensitization with eye movements and reprocessing, Having a DSM-5 based mental illness leads to hospitalization visit a psychiatrist and take medication vision impairment by self report Taking psychotropic drugs Having a history of PTSD, self-purifying

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **159**

Randomization (investigator's opinion)

Randomized

Randomization description

Eligible applicants will be able to register with the willingness to participate in the study. Then, with the method of 6 random blocking, random assignment of participants in three groups with a ratio of 1: 1: 1 will be done. Random allocation sequence generation software will be used to determine the allocation sequence by 6-block method. To hide the allocation sequence, the papers identifying the group of individuals are placed inside the envelopes in the opaque package, respectively, and encoded in the same way. In this case, for the person who receives the intervention code 1, a questionnaire with the same code is completed.

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Other

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics Committees of Qazvin University of Medical Sciences

Street address

Pardis of university, staff of Qazvin university of medical science, Complex of offices, Shahid Bahonar blvd, Navab shomal st, Qazvin town

City

Qazvin

Province

Qazvin

Postal code

15315-34199

Approval date

2022-05-09, 1401/02/19

Ethics committee reference number

IR.QUMS.REC.1401.026

Health conditions studied

1

Description of health condition studied

Fear of covid 19

ICD-10 code

Z71.1

ICD-10 code description

Person with feared health complaint in whom no diagnosis is made

Primary outcomes

1

Description

Fear of covid 19

Timepoint

Before intervention, immediately after intervention, 3 months after intervention

Method of measurement

The Fear of COVID-19 Scale FCV-19S

Secondary outcomes

1

Description

Anxiety and depression after confronting covid 19

Timepoint

Before intervention, immediately after intervention, 3 months after intervention

Method of measurement

Hospital anxiety depression scale HADS

2

Description

Quality of working life after confronting covid 19

Timepoint

Before intervention, immediately after intervention, 3 months after intervention

Method of measurement
Quality of working life (QWL)

Intervention groups

1

Description

Intervention group: real: Content of sessions in at least 2 sessions of 90 to 45 minutes twice a week and by performing Eye movement desensitization and reprocessing (EMDR) in hospitals affiliated to Qazvin University of Medical Sciences in a suitable and quiet atmosphere to focus on the intervention of nurses, after initial explanations about EMDR and How to do it and about its advantages will be done in the first session. During the intervention, the control group will work as usual. A psychiatric nursing graduate student who has completed and mastered the EMDR course will be the presenter and performer of the technique. Intervention sessions continue as long as the Mental Disorder Scale Subjective Units of Disturbance (SUD) is a fixed number in two sessions.

Category

Treatment - Other

2

Description

Intervention group: virtual: After explaining the therapist about Eye Movement Desensitization and Reprocessing (EMDR) and how to do it and how to use the video, as well as about the benefits and functionality of the EMDR video content prepared by the master student of psychiatry, the player and the therapist on a handheld computer Performs the necessary checks in the presence of the client and makes sure that the client does it correctly. After using the video, they will be asked to complete the Covid Fear Questionnaire. Intervention sessions will continue as long as the Subjective Units of Disturbance (SUD) is a fixed number in two sessions.

Category

Treatment - Other

3

Description

Control group: just they fill the scales before T after T and 3 month later

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Booali Sina Teaching Center

Full name of responsible person

Dr. Mohammad Haji Abadi

Street address

Boalisina street

City

Qazvin

Province

Qazvin

Postal code

1531534199

Phone

+98 28 3333 2930

Email

hosboali@qums.ac.ir

2

Recruitment center

Name of recruitment center

Shahid Rajaie hospital

Full name of responsible person

Maryam Rajabi

Street address

Padegan street

City

Qazvin

Province

Qazvin

Postal code

15315-34199

Phone

+98 28 3333 5800

Email

hosrajaee@qums.ac.ir

3

Recruitment center

Name of recruitment center

Velayat hospital

Full name of responsible person

Dr Seyyed Hamidreza Ghafeleh Bashi

Street address

Elahiyeh

City

Qazvin

Province

Qazvin

Postal code

15315-34199

Phone

+98 28 3379 0620

Email

velayat@qums.ac.ir

4

Recruitment center

Name of recruitment center

Kosar hospital

Full name of responsible person

Abotaleb simiyari

Street address

Kosar street

City
Qazvin
Province
Qazvin
Postal code
15315-34199
Phone
+98 28 3323 6378
Email
itkosar@qums.ac.ir

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
Other

5

Recruitment center

Name of recruitment center
Qods hospital
Full name of responsible person
Dr Mahdi Alizadeh
Street address
Shahid Beheshti
City
Qazvin
Province
Qazvin
Postal code
15315-34199
Phone
+98 28 3333 4807
Email
hosghods@qums.ac.ir

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Qazvin University of Medical Sciences
Full name of responsible person
Abdollah dideh ban
Street address
University Campus, Office Complex, Qazvin University of Medical Sciences, Shahid Bahonar Blvd, North Navab St, Qazvin town
City
Qazvin
Province
Qazvin
Postal code
15315-34199
Phone
+98 28 3333 6001
Email
internationalaffairs@qums.ac.ir

Grant name

Grant code / Reference number

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

No

Title of funding source

Vice chancellor for research of Qazvin University of medical sciences

Person responsible for general inquiries

Contact

Name of organization / entity
Qazvin University of Medical Sciences
Full name of responsible person
Seyyed Mahdi Mousavi
Position
Student
Latest degree
Bachelor
Other areas of specialty/work
Nursery
Street address
No. 36, 8th Golafshan Ave, Sayyad street , Abhar town
City
Abhar
Province
Zanjan
Postal code
4566155179
Phone
+98 24 3525 0056
Email
SMAHDIMOUSAVI7@GMAIL.COM

Person responsible for scientific inquiries

Contact

Name of organization / entity
Qazvin University of Medical Sciences
Full name of responsible person
Mohammadreza Sheikhi
Position
PhD Associate Professor
Latest degree
Ph.D.
Other areas of specialty/work
Nursery
Street address
University Campus, Office Complex, Qazvin University of Medical Sciences, Shahid Bahonar Blvd, North Navab St, Qazvin town
City
Qazvin
Province
Qazvin
Postal code

15315-34199

Phone

+98 912 282 1450

Email

mmsheikhi1@yahoo.com

Person responsible for updating data

Contact

Name of organization / entity

Qazvin University of Medical Sciences

Full name of responsible person

Seyyed Mahdi Mousavi

Position

Student

Latest degree

Bachelor

Other areas of specialty/work

Nursery

Street address

No. 36, 8th Golafshan Ave, Sayyad street , Abhar town

City

Abhar

Province

Zanjan

Postal code

4561655179

Phone

+98 24 3525 0056

Email

smahdimousavi7@gmail.com

Sharing plan

Deidentified Individual Participant Data Set (IPD)

Yes - There is a plan to make this available

Study Protocol

Yes - There is a plan to make this available

Statistical Analysis Plan

Yes - There is a plan to make this available

Informed Consent Form

Yes - There is a plan to make this available

Clinical Study Report

Yes - There is a plan to make this available

Analytic Code

Yes - There is a plan to make this available

Data Dictionary

Yes - There is a plan to make this available

Title and more details about the data/document

Comparative study of the Effect of Desensitization with Eye movements and Reprocessing on the fear of Covid 19 in a virtual and real way on nurses working in Qazvin hospitals: Randomized Clinical Trial

When the data will become available and for how long

6 month after Publish of results

To whom data/document is available

Nursing students

Under which criteria data/document could be used

Direct permission

From where data/document is obtainable

smahdimousavi7@gmail.com send an email

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

Direct permission

Comments