

Clinical Trial Protocol

Iranian Registry of Clinical Trials

27 May 2026

Investigating the Effect of Holy Quran Listening on the Anxiety Originated from Objective Structured Clinical Examination (OSCE) of Medical Sciences Students Compared to Control Category

Protocol summary

Study aim

Determining the Effect of Holy Quran Listening on the Anxiety Status Originated from OSC examination among Medical Sciences Students Compared to Control Group

Design

This clinical trial has a community-based and pragmatic design with parallel and simple randomized groups.

Settings and conduct

This research will be carried out at the Khomein Medical School. Students whom registered in September semester of 2016 will be examined for the final practical examinations of principles and care course. Individuals will be assigned into two groups of intervention and control; participants will be unaware about the group they are allocated and the outcome assessors also will be unaware about the group of participants. For intervention group, Qur'an's voice will be played-back for 30 minutes using an specified MP3 player in a singular way and before starting the OSCE. Control category will not hear anything before starting the OSCE.

Participants/Inclusion and exclusion criteria

Participants: Medical Sciences Students Inclusion criteria: no experience of relaxation courses such as yoga and so forth; lack of mental illness and no drug use exclusion criteria: having history of hearing Holy-Quran before final exams;

Intervention groups

30 minute before OSC examination, Holy-Qur'an's playback will be loaded using a MP3 player and in a singular manner. No any intervention will be done for control category.

Main outcome variables

The anxiety status

General information

Reason for update

Acronym

OSCE

IRCT registration information

IRCT registration number: **IRCT20100130003227N12**

Registration date: **2018-09-28, 1397/07/06**

Registration timing: **retrospective**

Last update: **2018-09-28, 1397/07/06**

Update count: **0**

Registration date

2018-09-28, 1397/07/06

Registrant information

Name

Ashraf Salehi

Name of organization / entity

Arak University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 86 5222 7550

Email address

salehi.a@arakmu.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2019-01-25, 1397/11/05

Expected recruitment end date

2019-01-26, 1397/11/06

Actual recruitment start date

2017-01-24, 1395/11/05

Actual recruitment end date

2017-01-25, 1395/11/06

Trial completion date

2017-01-25, 1395/11/06

Scientific title

Investigating the Effect of Holy Quran Listening on the Anxiety Originated from Objective Structured Clinical Examinationin (OSCE) of Medical Sciences Students Compared to Control Category

Public title

The Effect of Holy Quran Listening on the Anxiety of OSC Examinationin of Medical Sciences students

Purpose

Education/Guidance

Inclusion/Exclusion criteria

Inclusion criteria:

Not having a history of attending relaxation classes like yoga and relaxation Lack of mental illness No drug intake

Exclusion criteria:

have history of hearing the Qur'an before all exams

Age

From **17 years** old to **25 years** old

Gender

Both

Phase

N/A

Groups that have been masked

- Participant
- Outcome assessor

Sample size

Target sample size: **70**

Actual sample size reached: **70**

Randomization (investigator's opinion)

Randomized

Randomization description

Individuals will be assigned into the intervention or control groups using a random number table.

Blinding (investigator's opinion)

Double blinded

Blinding description

Participants will be blinded for allocation into intervention or control groups due to randomization and will not be informed about the intervention type (listening to Holy-Qur'an's playback) before study initiation. Outcome assessors (OSCE appliers) will not be informed about the students categorization.

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Regional Committee on Ethics in Medical Sciences Research

Street address

Alam al-Hoda St., Shahid Shiroodi Street

City

Arak

Province

Markazi

Postal code

info@arakmu.ac.ir

Approval date

2017-01-26, 1395/11/07

Ethics committee reference number

IR.ARAKMU.REC1395.117

Health conditions studied

1

Description of health condition studied

anxiety

ICD-10 code

F06.4

ICD-10 code description

Anxiety disorder due to known physiological condition

Primary outcomes

1

Description

Anxiety Scale in the Spielberger Questionnaire

Timepoint

Before the intervention and 30 minutes after the intervention

Method of measurement

Spielberger Standard Anxiety Inventory

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: 30 minutes before the OSCE exam, a pleasant sound of the Qur'an, will be heard by participant, using a single-player MP3 PLAYER.

Category

Other

2

Description

Control group: There was no intervention in the control group.

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Khomein Medical School

Full name of responsible person

Hamid Momeni

Street address

Blvd. Ghods - Educational Complex of Zainab

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Khomein

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Markazi

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3881858573

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Email

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Web page address

<http://khomeinums.ac.ir/%D8%A7%D8%B1%D8%AA%D8%A8%D8%A7%D8%B7-%D8%A8%D8%A7-%D9%85%D8%A7>

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Arak University of Medical Sciences

Full name of responsible person

Dr Mohammad Arjmandzadegan

Street address

Alam al-Hoda St., Shahid Shiroodi Street

City

Arak

Province

Markazi

Postal code

3819693345

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+98 86 3417 3645

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+98 86 3133 6853

Email

Arjomandzadegan.M@arakmu.ac.ir

Web page address

<https://vcr.arakmu.ac.ir/Portal/home/?156052/>

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Arak 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

Arak University of Medical Sciences

Full name of responsible person

Hamid Momeni

Position

Faculty member

Latest degree

Master

Other areas of specialty/work

Nursery

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Person responsible for scientific inquiries

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Person responsible for updating data

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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

Not applicable

Title and more details about the data/document

A large amount of data, such as information on the main outcome, how to do it, and ... can be shared.

When the data will become available and for how long

Accessible 6 months after printing the results

To whom data/document is available

All researchers

Under which criteria data/document could be used

By observing ethics in research

From where data/document is obtainable

Hamid Momeni hamid52us@yahoo.com

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

Request to provide data via email.

Comments