

Clinical Trial Protocol

Iranian Registry of Clinical Trials

02 Jun 2026

Effect of Quran on physiological parameters of the elderly admitted in the medical departments

Protocol summary

Study aim

Determining the Effect of Hearing Quranic Voices on Physiological Indices of admitted elderly

Design

Clinical trial with control group, one blind, non-randomized

Settings and conduct

The researcher, attending internal sections of the Hashemi Hospital, will provide a daily list of elderly people who have the characteristics of the research unit and will randomly place them on paired dates, in the test group and on the days of the individual in the control group. Data analyzer is blind.

Participants/Inclusion and exclusion criteria

Inclusion criteria include elderly women and men over 60 years of age, lack of hearing impairment, non-use of blood pressure medication, non-eligibility for chronic diseases that affects vital signs. Exit criteria include not having acute mental illness and lack of Cognitive impairment is the reluctance of the elderly to continue to participate in the study and to have an acute illness.

Intervention groups

Immediately prior to the intervention, the vital signs of the elderly (pulse, respiration, blood pressure and temperature) are measured to provide basic information; in the next stage, for the research units in the intervention group, the voice of the Quran, with the voice of the master, is derived from the Surah Yusuf verses 1 to 50 is played through headphones for 15 minutes, when the intensity of the sound is adjusted according to the desire of the elderly. This intervention takes place within 15 minutes and only once. Immediately after completing the 15-minute listening session of the Quran, the vital signs are again measured and recorded by the researcher or researcher's assistance. In the control group, the vital signs of the elderly are monitored and recorded immediately before and after 15 minutes of usual care

Main outcome variables

Systolic and diastolic blood pressure, pulse, respiration, body temperature

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20180924041121N1**

Registration date: **2018-10-30, 1397/08/08**

Registration timing: **registered_while_recruiting**

Last update: **2018-10-30, 1397/08/08**

Update count: **0**

Registration date

2018-10-30, 1397/08/08

Registrant information

Name

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Name of organization / entity

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Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2018-10-21, 1397/07/29

Expected recruitment end date

2018-11-20, 1397/08/29

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of Quran on physiological parameters of the elderly admitted in the medical departments

Public title

Effect of Quran on physiological parameters of the elderly

Purpose

Supportive

Inclusion/Exclusion criteria**Inclusion criteria:**

Elderly women and men over 60 years of age Not having a hearing problem (history of using cognoscope, ear surgery, curettage, tinnitus, working in a noisy environment, not receiving an autosomalous drug for more than a week, etc.) Non-development of diseases that chronically disturb vital signs Not having acute mental illness Not having cognitive impairment Not taking blood pressure medication

Exclusion criteria:

Elderly reluctance to continue studying Acute illness

AgeFrom **60 years** old**Gender**

Both

Phase

N/A

Groups that have been masked

- Data analyser

Sample sizeTarget sample size: **60****Randomization (investigator's opinion)**

Not randomized

Randomization description**Blinding (investigator's opinion)**

Single blinded

Blinding description

The data analyzer is kept blind.

Placebo

Not used

Assignment

Other

Other design features**Secondary Ids**

empty

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

Ethics committee of North Khorasan University of Medical Sciences

Street address

Nk. 193, West Varzesh

City

Shirvan

Province

North Khorasan

Postal code

9461638573

Approval date

2018-09-09, 1397/06/18

Ethics committee reference number

IR.NKUMS.REC.1397.038

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

physiological parameters of the elderly

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

The heart rate pulse or heart rate controlled by the researcher in the radial wrist in one minute immediately before the start and immediately after the interruption of the hearing is audible.

Timepoint

immediately before intervention and immediately after intervention

Method of measurement

Hours of sentiment

2**Description**

The number of breathing or counting the number of movements of the chest wall (one full tail and exhalation) of the elder in one full minute

Timepoint

immediately before intervention and immediately after intervention

Method of measurement

Counting the chest movements in a perfect minute by the researcher

3**Description**

Elderly blood pressure

Timepoint

immediately before intervention and immediately after intervention

Method of measurement

Pressure gauge

4**Description**

The temperature of the elderly body

Timepoint

immediately before intervention and immediately after intervention

Method of measurement

Mercury Thermometer

Secondary outcomes

empty

Intervention groups**1****Description**

After receiving written informed consent from them, the elderly will first be studied in the course of the study and how it will be done, and the independent variable effects (Quranic verses) on the dependent variable (physiological indicators) will be examined. Trying to collaborate with departmental officials, research units in less crowded rooms. Intervention will take place every day at a specified time. Since the lowest congestion time (visitation, visitation, nursing, medication, etc.) is at the beginning of the night shift, the intervention was carried out at 8-9 nights. For the units of research in the intervention group, the voice The Qur'an, with the voice of the Master, is derived from Sura Yusuf verses 1 through 50 through headphones for 15 minutes, with the intensity adjusted according to the desire of the elderly. This intervention is performed in 15 minutes and only once. The vital signs of the elderly (pulse, respiration, blood pressure and temperature) are measured immediately before intervention and immediately after intervention. y adjusted according to the desire of the elderly. This intervention takes place within 15 minutes and only one partner. Intervention group:

Category

Other

2**Description**

In the control group, the vital signs of the elderly are monitored and recorded immediately before and after 15 minutes of usual care. (It is necessary to explain that in order to remove the effect of the researcher in the Qur'anic voice group, the control group is also accompanied by the researcher during the study and if necessary, they will receive the standard care received in the control group) Control group:

Category

Other

Recruitment centers**1****Recruitment center****Name of recruitment center**

North Khorasan University of Medical Sciences

Full name of responsible person

Fariman Ebrahimzadeh

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Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

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Full name of responsible person

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Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

Bojnourd 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

Bojnourd University of Medical Sciences

Full name of responsible person

Fariman Ebrahimzadeh

Position

Assistant Professor

Latest degree

Ph.D.

Other areas of specialty/work

Nursery

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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