

Clinical Trial Protocol

Iranian Registry of Clinical Trials

30 May 2026

Sound effects of Quran on hemodynamic changes before induction of anesthesia in Shahid Madani hospital in Karaj

Protocol summary

Summary

This study is clinical trial to check that Sound of Quran on hemodynamic changes before induction of anesthesia affects or not? 60 patients who have Entry criteria attend in this study before study we got their permission and our entry criterion are :candidates must have an elective surgery and whose ages are between 18-60,these patients are consistent with one and two grade of American anesthesia committee who are placed under general Anesthesia more than 10 minutes.not to be adected,do not be anemic,do not have fever,do not have heart problem, do not have historic Alergy,their blood pressure do not be more than 140 and less than 60 and do not consume Anticoagulant drugs . Before induction of anesthesia,for both groups we use the same nursing care (pulse oximetry, ECG, monitoring and appropriate course of IV (500 ml crystalloid serum before anesthesia)) then we ask control group to listen to 27th and 28th of verse of Nour sorah of Quran with voice of Mr. Parhizgar by mp4 player(we do it as an intervention) and after two minutes we record hemodynamic changes of Patients.we record hemodynamic changes of Patients in case group without any intervention. The way of induction of anesthesia is the same for two groups.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015012820856N1**
Registration date: **2015-02-24, 1393/12/05**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2015-02-24, 1393/12/05

Registrant information

Name

Mohammed Khorasani

Name of organization / entity

Tehran University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

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Email address

m_khorasani21@yahoo.com

Recruitment status

Recruitment complete

Funding source

Alborz University of Medical Sciences

Expected recruitment start date

2012-08-22, 1391/06/01

Expected recruitment end date

2013-04-21, 1392/02/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Sound effects of Quran on hemodynamic changes before induction of anesthesia in Shahid Madani hospital in Karaj

Public title

Sound effects of Quran on hemodynamic changes before induction of anesthesia

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: 1-patiantes permission; 2-range of age (18-60); 3-not to be mental illness; 4-not to be addicts; 5-elective surgery. Exclusion criteria: 1-the patients

unwillingness; 2-urgent surgery ; 3-fever patient.

Age

From **18 years** old to **60 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **60**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Single blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Alborz University of Medical Sciences

Street address

Mahan blvd, Jahanshah city

City

baghestan-karaj

Postal code

Approval date

2012-01-25, 1390/11/05

Ethics committee reference number

2016825

Health conditions studied

1

Description of health condition studied

patients who have elective Surgery

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

Hemodynamic changes

Timepoint

first: befor listening to Quran and second: two minutes

after listening to Quran

Method of measurement

Blood pressure (mmhg with sphygmomanometer),HR(rate per min with austotoscope), pulse rate (rate per min with pulse oximetry)

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: we use sound of Quran(27th and 28th of verse of Nour sorah with voice of mr.Parhizgar) by mp4 player as an intervention and in this group we recorde hemodynamic changes(HR,PR,BP) two times, first time before listening to Quran and second time 2 minutes after listening to Quran(intervention)

Category

Other

2

Description

Control group: we do not do intervenetion and we do not use placebo and we do just routine care before surgery(without any intervention) and we record hemodynamic changes of patients. we do routine nursing care before surgery for both groups like pulse oximetry,monitoring with ECG and sufficient IV (500ml crystalloid serum 30 min before surgery.

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Shahid Madani hospital in Karaj

Full name of responsible person

Mohammad Khorasani

Street address

Mahan blvd., Jahan shahr city

City

Karaj

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Research Assistant of Alborz University of Medical Sciences

Full name of responsible person

Dr. Mohammad Javad GHorori

Street address

Research assistant, Ninth floor, Dara building, North Yasaman, Poneh sharghi st, 45 metri Golshahr, Karaj

City

Karaj

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

Yes

Title of funding source

Research Assistant of Alborz University of Medical Sciences

Proportion provided by this source

100

Public or private sector

empty

Domestic or foreign origin

empty

Category of foreign source of funding

empty

Country of origin**Type of organization providing the funding**

empty

Person responsible for general inquiries**Contact****Name of organization / entity**

Alborz University of Medical Sciences

Full name of responsible person

Mohammad Khorasani

Position

B.Sc. Anesthesia

Other areas of specialty/work**Street address**

No3, Afshar deadend, Dashtabadi st, Farhadi kia st, Rajayee st, Naziabad

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Web page address**Person responsible for scientific inquiries****Contact****Name of organization / entity**

Alborz University of Medical Sciences

Full name of responsible person

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Web page address**Sharing plan****Deidentified Individual Participant Data Set (IPD)**

empty

Study Protocol

empty

Statistical Analysis Plan

empty

Informed Consent Form

empty

Clinical Study Report

empty

Analytic Code

empty

Data Dictionary

empty