

Clinical Trial Protocol

Iranian Registry of Clinical Trials

19 Sep 2026

The effect of aromatherapy and Quran voice on patients' anxiety before angiography.

Protocol summary

Summary

Objective: The effect of aromatherapy and Quran voice on patients' anxiety before angiography. Study design: Randomized clinical trial. Study population: patients admitted to the angiography unit at Shahid Beheshti Hospital. Major inclusion criteria: age over than 18; obtaining informed consent; no previous history of coronary angiography; No history of heart valve disease; non-impaired sense of smell; no hearing impaired; no history of other invasive methods like echocardiography through esophagus before angiography; no history of allergies. Major exclusion criteria: Patients trend to withdraw from the study; music and smells being unpleasant for patients. Sample Size: 90 patients. Intervention: Before coronary angiography in aromatherapy group the Rose aroma and in Quran voice group the voice of surah Yasin will be used. In control group only routine cares will be used. Before and 18 minutes after the intervention, the anxiety level will be measured using the spielberger questionnaire. Primary outcomes: changes in anxiety level.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2013050111954N2**

Registration date: **2013-05-12, 1392/02/22**

Registration timing: **na**

Last update:

Update count: **0**

Registration date

2013-05-12, 1392/02/22

Registrant information

Name

Mohammad Abbasinia

Name of organization / entity

Isfahan university of medical sciences

Country

Iran (Islamic Republic of)

Phone

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Email address

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Recruitment status

Not enough for processing

Funding source

Vice chancellor for research, Qom University of Medical Sciences

Expected recruitment start date

2014-05-22, 1393/03/01

Expected recruitment end date

2013-08-23, 1392/06/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of aromatherapy and Quran voice on patients' anxiety before angiography.

Public title

The effect of aromatherapy and Quran voice on patients' anxiety before angiography.

Purpose

Supportive

Inclusion/Exclusion criteria

Major inclusion criteria: age over than 18; obtaining informed consent; no previous history of coronary angiography; No history of heart valve disease; non-impaired sense of smell; no hearing impaired; no history of other invasive methods like echocardiography through esophagus before angiography; no history of allergies.

Major exclusion criteria: Patients trend to withdraw from the study; music and smells being unpleasant for patients.

Age

From **19 years** old to **100 years** old

Gender

Both

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: **90**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Qom University of Medical Science

Street address

Qom University of Medical Science, Saheli Street,
Qom. Postal cod: 3713649373

City

Qom

Postal code

3713649373

Approval date

2013-08-23, 1392/06/01

Ethics committee reference number

8758/15/ع

Health conditions studied

1

Description of health condition studied

Ischaemic heart diseases

ICD-10 code

I20, I21,

ICD-10 code description

Ischaemic heart diseases

Primary outcomes

1

Description

Anxiety

Timepoint

Before and 18 minutes after the intervention

Method of measurement

spielberger questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

In the aromatherapy group before coronary angiography the Rose aroma will be used.

Category

Prevention

2

Description

In the Quran voice group before coronary angiography the voice of surah Yasin will be used.

Category

Prevention

3

Description

In the control group only routine cares such as meeting with family and patient education will be used.

Category

Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center

Shahid Beheshti Hospital of Qom

Full name of responsible person

Abbasinia Mohammad

Street address

Shahid Beheshti Hospital, Shahid Beheshti Street,
Qom

City

Qom

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research, Qom University of Medical Science

Full name of responsible person

Dr Alireza Koohpaei

Street address

Qom University of Medical Science, Saheli Street,
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City

Qom

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Vice chancellor for research, Qom University of Medical Science

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

Qom University of Medical Science

Full name of responsible person

Atye Babaii

Position

MSc in critical care nursing

Other areas of specialty/work

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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