Clinical Trial Protocol
Iranian Registry of Clinical Trials

07 Nov 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)

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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/ج

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

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

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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
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Full name of responsible person
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Position
MSc in critical care nursing

Other areas of specialty/work

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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