

Clinical Trial Protocol

Iranian Registry of Clinical Trials

23 Jun 2026

The effect of aromatherapy on anxiety of patients experiencing coronary Angiography.

Protocol summary

Summary

The goal of this study will to investigate the effect of aromatherapy on anxiety of patients experiencing coronary Angiography. A group of 120 patients hospitalized in Fateme -Zahra hospital in Sari will be randomly divided in two equal intervention and control groups. Demographic data sheets (6 questions), recording sheet of hemodynamic variables and Spiel Berger state- Trail anxiety inventory will distributed among two groups before and after aromatherapy. The characteristic of research sample are as following: coronary angiography for the first time and being completely vigilant. And exclusion criteria are: undergoing angiography catheterization of right ventricle; history of other invasive methods like echocardiography through oesophagus; history of heart valve disease and dangerous condition of disease. In intervention group, two drops of Lavendula and grape seed oil in control group will be administered for the patients.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201107237067N1**
Registration date: **2011-10-29, 1390/08/07**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2011-10-29, 1390/08/07

Registrant information

Name

Homyra Tahmasebi

Name of organization / entity

Sari branch, Islamic Azad University, Sari, Iran

Country

Iran (Islamic Republic of)

Phone

+98 15 1213 3857

Email address

htahmasebi@iausari.ac.ir

Recruitment status

Recruitment complete

Funding source

Islamic Azad University, Sari branch

Expected recruitment start date

2011-10-24, 1390/08/02

Expected recruitment end date

2011-12-24, 1390/10/03

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of aromatherapy on anxiety of patients experiencing coronary Angiography.

Public title

The effect of aromatherapy on anxiety of patients experiencing coronary Angiography.

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria: coronary angiography for the first time and being completely vigilant. Exclusion criteria: undergoing angiography catheterization of right ventricle; history of other invasive methods like echocardiography through oesophagus; history of heart valve disease and dangerous condition of disease.

Age

From **30 years** old to **90 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **120**

Randomization (investigator's opinion)

Randomized

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

Double blinded

Blinding description**Placebo**

Used

Assignment

Parallel

Other design features**Secondary Ids**

empty

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

Ethics committee, Mazandaran University of medical sciences, Sari, Iran

Street address

Moalem square

City

Sari

Postal code

19318-48161

Approval date

2011-09-07, 1390/06/16

Ethics committee reference number

4-90

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

Anxiety

ICD-10 code

F41.9

ICD-10 code description

Anxiety disorder, unspecified

Primary outcomes**1****Description**

Anxiety

Timepoint

8-12 hours before intervention and 5-10 minutes after of intervention

Method of measurement

Spilberger test

Secondary outcomes**1****Description**

Hemodynamic parameter

Timepoint

8-12 hours before of intervention 5-10 minutes after of intervention

Method of measurement

Device

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

In intervention group, two drops of Lavendula will trickled on a small piece of cotton cloth with dimensions of 15×15 cm² by an experienced nurse and patients will ask to hold this small piece of cotton cloth 3centimeters of their noses and inhale it, After half an hour their vital signs will controll and register by the nurse.

Category

Treatment - Drugs

2**Description**

This procedure will done by grape seed oil (2 drop)in place of Lavendula in control group

Category

Placebo

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

Fateme Zahra hospital

Full name of responsible person

Homyra tahmasebi

Street address

Artesh bolvor, Sari

City

Sari

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

Islamic Azad University, Sari branch, Sari, Iran

Full name of responsible person

Research assistant-Homayoon motameni

Street address

Kilometer 7 khazar bolvar

City

Sari

Grant name

32-678

Grant code / Reference number

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

Yes

Title of funding source

Islamic Azad University, Sari branch, Sari, Iran

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

Islamic Azad University, Sari branch, Sari, Iran

Full name of responsible person

Tahmasebi Homyra

Position

Lecturer - Faculty of Islamic Azad University, Sari branch, Sari, Iran

Other areas of specialty/work

Street address

□ Kilometer 7 khazar

City

Sari

Postal code

Phone

+98 15 1325 7439

Fax

Email

htahmasebi@iausari.ac.ir

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Islamic Azad University, Sari branch, Sari, Iran

Full name of responsible person

Homeyra Tahmasbi

Position

lecturer-faculty of Islamic Azad University, Sari branch, Sari, Iran

Other areas of specialty/work

Street address

kilometer 7 khazar

City

Sari

Postal code

Phone

+98 15 1325 7439

Fax

Email

htahmasebi@iausari.ac.ir

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Islamic Azad University, Sari branch, Sari, Iran

Full name of responsible person

Homeyra Tahmasbi

Position

Lecturer- Faculty of Islamic Azad University, Sari branch, Sari, Iran

Other areas of specialty/work

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khazar 7kilometer

City

Sari

Postal code

Phone

+98 15 1325 7439

Fax

Email

htahmasebi@iausari.ac.ir

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