

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 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	8-12 hours before intervention and 5-10 minutes after of intervention	
Phase	N/A	Method of measurement	Spilberger test
Groups that have been masked	No information	Secondary outcomes	
Sample size	Target sample size: 120	1	
Randomization (investigator's opinion)	Randomized	Description	Hemodynamic parameter
Randomization description		Timepoint	8-12 hours before of intervention 5-10 minutes after of intervention
Blinding (investigator's opinion)	Double blinded	Method of measurement	Device
Blinding description		Intervention groups	
Placebo	Used	1	
Assignment	Parallel	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.
Other design features		Category	Treatment - Drugs
Secondary Ids	empty	2	
Ethics committees		Description	This procedure will done by grape seed oil (2 drop)in place of Lavendula in control group
1		Category	Placebo
Ethics committee		Recruitment centers	
Name of ethics committee	Ethics committe, Mazandaran University of medical sciences, Sari, Iran	1	
Street address	Moalem squire	Recruitment center	
City	Sari	Name of recruitment center	Fateme Zahra hospital
Postal code	19318-48161	Full name of responsible person	Homyra tahmasebi
Approval date	2011-09-07, 1390/06/16	Street address	Artesh bolvor, Sari
Ethics committee reference number	4-90	City	Sari
Health conditions studied		Sponsors / Funding sources	
1		1	
Description of health condition studied	Anexity	Sponsor	
ICD-10 code	F41.9	Name of organization / entity	Islamic Azad University, Sari branch, Sari, Iran
ICD-10 code description	Anxiety disorder, unspecified	Full name of responsible person	
Primary outcomes			
1			
Description	Anexity		
Timepoint			

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

Street address

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