

Clinical Trial Protocol

Iranian Registry of Clinical Trials

30 May 2026

the effect of “Citrus Aurantium” aroma on anxiety of acute coronary syndromes’ Patients hospitalized in the Coronary Care Unit

Protocol summary

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Summary

this study aimed to The Effect of “Citrus Aurantium” Aroma on anxiety of acute coronary syndromes’ Patients hospitalized in the Coronary Care Unit.and Inclusion criteria of having acute coronary syndrome.Exclusion criteria: patient's unwillingness to continue.this Study in acute coronary syndrome patients admitted to the cardiac intensive care unit will be.The sample size in both the control group and 70 patients in the intervention group of 70 people.Aroma therapy intervention with citrus aurantium30%for 4 times over two days and in the placebo-treated control group notes done 4 times in two days. before and after aromatherapy its completion is measured patients' anxiety.

Recruitment status

Recruitment complete

Funding source

Shahed University

Expected recruitment start date

2017-04-04, 1396/01/15

Expected recruitment end date

2017-06-20, 1396/03/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017011331919N1**

Registration date: **2017-05-09, 1396/02/19**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2017-05-09, 1396/02/19

Registrant information

Name

Farhad Moslemi

Name of organization / entity

Shahed University

Country

Iran (Islamic Republic of)

Phone

+98 21 6641 8589

Email address

Scientific title

the effect of “Citrus Aurantium” aroma on anxiety of acute coronary syndromes’ Patients hospitalized in the Coronary Care Unit

Public title

the effect of “Citrus Aurantium” aroma on anxiety

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: a diagnosis of acute coronary syndrome:satisfaction and interest in participating in the study:lack of active mental illness and mental retardation:deafness: blindness: problems of smell: lack of sensitivity to aurantium: no drug Exclusion criteria: patient's unwillingness to continue the study: discharge and transfer patients to other centers

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 140

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

Shahed University

Street address

facing the Holy Shrine of Imam Khomeini (RA):
Highway, Tehran, the Persian Gulf (Tehran - Qom)

City

Tehran

Postal code

3319118651

Approval date

2017-02-13, 1395/11/25

Ethics committee reference number

IR.Shahed.REC.1395.172

Health conditions studied

1

Description of health condition studied

acute coronary syndrome

ICD-10 code

I24.9

ICD-10 code description

Acute ischaemic heart disease, unspecified

Primary outcomes

1

Description

ANXIETY

Timepoint

Smooth over the intervention and 12 hours after
intervention

Method of measurement

Anxiety Inventory Spielberger

Secondary outcomes

1

Description

depression

Timepoint

Before and after intervention

Method of measurement

Beck depression questionnaire

Intervention groups

1

Description

The intervention group patients' anxiety is measured by a questionnaire. 6 drops of citrus aurantium 30 percent on a piece of gauze. For twenty minutes we hung patient's collar. Do this twice a day for two days and do. And after two days of anxiety again Patients are evaluated.

Category

Other

2

Description

Patients in the control group measured anxiety. The aromatherapy is done with liquid paraffin as placebo Six drops of placebo on small gas spills For twenty minutes we hung patient's collar. This work will be performed twice a day for two days. Anxiety patients will then re-evaluate.

Category

Placebo

Recruitment centers

1

Recruitment center

Name of recruitment center

Torfeh Hospital

Full name of responsible person

Farhad Moslemi

Street address

Opposite the Islamic Propaganda Organization: Street
Ibn Sina

City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Shahed University of Medical Sciences

Full name of responsible person

Mohamadreza Heidari

Street address

Nursing College of Shahed

City

Tehran

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

Yes

Title of funding source

Shahed 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**

Nursing College of Shahed

Full name of responsible person

FarhadMoslemi

Position

Bachelor of Nursing

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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*