Clinical Trial Protocol
Iranian Registry of Clinical Trials

09 Nov 2026

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

Protocol summary

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 cronary 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.

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

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Name of organization / entity
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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

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 cronary 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
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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
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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
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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