Clinical Trial Protocol
Iranian Registry of Clinical Trials

18 Sep 2026

Comparative efficacy of Citrus aurantium and oxazepam tablets on preoperative anxiety in coronary artery bypass graft surgery candidates

Protocol summary

Summary

A single-blind clinical trial that aims to compare the efficacy of preoperative anxiety sweating orange blossom water and oxazepam tablets 66 patients undergoing non- emergent coronary artery bypass graft aged 65_40 years and martyr Namazi Hospital in Shiraz faqih be done will . Three days before surgery and the morning of surgery , blood pressure and heart rate will be measured and the Spielberger state anxiety questionnaire will be completed by the researcher . .

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2014010516080N1**
Registration date: **2014-02-28, 1392/12/09**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2014-02-28, 1392/12/09

Registrant information

Name

Khadige Dehghan

Name of organization / entity

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Recruitment status

Recruitment complete

Funding source

Research Council of Yazd University of Medical Sciences

Expected recruitment start date

2013-10-23, 1392/08/01

Expected recruitment end date

2014-03-21, 1393/01/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparative efficacy of Citrus aurantium and oxazepam tablets on preoperative anxiety in coronary artery bypass graft surgery candidates

Public title

Comparison of Citrus aurantium and oxazepam tablets on preoperative anxiety

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: patients with non-urgent transplant candidates for coronary artery disease 65_40 age, dating to the Persian language and literacy, reading and writing, the patient is fully alert. Exclusion criteria: Patients with a history of previous surgery, patients with a history of coronary artery bypass graft surgery. close relatives, patients who have unstable physical conditions, patients with mental illness - nervous and anxiety disorders, patients with a history of using anti-anxiety drugs and sedatives; patients with malignancy, medical and paramedical staff, patients on dialysis.

Age

From **40 years** old to **65 years** old

Gender

Both

Phase

N/A

Groups that have been masked
No information
Sample size
Target sample size: **66**
Randomization (investigator's opinion)
Randomized
Randomization description
Blinding (investigator's opinion)
Single blinded
Blinding description
Placebo
Not used
Assignment
Parallel
Other design features
-

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Yazd University Of Medical Sciences
Street address
Iran, Yazd, Shahid Sadoughi University Of Medical Sciences
City
Yazd
Postal code
8916978477
Approval date
2013-09-01, 1392/06/10
Ethics committee reference number
17/1/104946/پ

Health conditions studied

1

Description of health condition studied
Anxiety
ICD-10 code
F40
ICD-10 code description
Phobic Anxiety Disorders

Primary outcomes

1

Description
Anxiety
Timepoint
Before And 3 Day After Intervention
Method of measurement
Spilberger Anxiety Questionnare

Secondary outcomes

1

Description
Blood Pressure
Timepoint
Before And 3 Aay After Intervention
Method of measurement
With Pressure MeterAnd With Milimeter HG

2

Description
Heart Rate
Timepoint
Before And 3 Day After Intervention
Method of measurement
Beat Per Minute

Intervention groups

1

Description
In patients receiving Citrus aurantium three days before surgery until the day before the operation, the daily two hours after lunch take Citrus aurantium 10 cc orally.
Category
Treatment - Drugs

2

Description
To patients receiving oxazepam tablets, one tablet of oxazepam 10 mg orally given in the evening before surgery .
Category
Treatment - Drugs

Recruitment centers

1

Recruitment center
Name of recruitment center
namazi hospital
Full name of responsible person
Dehghan Khadije
Street address
Iran, Yazd, Shahid Sadoughi University Of Medical Sciences
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Shiraz

2

Recruitment center
Name of recruitment center
Shahid Faghihi Hospital
Full name of responsible person
Dehghan Khadije

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Sponsors / Funding sources

1

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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
Yazd 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

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Person responsible for updating data

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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