

Clinical Trial Protocol

Iranian Registry of Clinical Trials

01 Jun 2026

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

Protocol summary

Research Council of Yazd University of Medical Sciences

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 . .

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

General information

Scientific title

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

Acronym

IRCT registration information

IRCT registration number: **IRCT2014010516080N1**

Registration date: **2014-02-28, 1392/12/09**

Registration timing: **registered_while_recruiting**

Public title

Comparison of Citrus aurantium and oxazepam tablets on preoperative anxiety

Last update:

Update count: **0**

Registration date

2014-02-28, 1392/12/09

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.

Registrant information

Name

Khadige Dehghan

Name of organization / entity

Yazd University Of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 35 1824 1751

Email address

dehghan_kh@ssu.ac.ir

Age

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

Gender

Both

Recruitment status

Recruitment complete

Funding source

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 Questionnaire

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

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Web page address

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Person responsible for scientific inquiries**Contact****Name of organization / entity**

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Full name of responsible person

Dehghan Khadije

Position

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

Yazd University Of Medical Sciences

Full name of responsible person

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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**Contact****Name of organization / entity**

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Full name of responsible person

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Student Of Critical Care Nursing

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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