

Clinical Trial Protocol

Iranian Registry of Clinical Trials

03 Jun 2026

Evaluation of preoperative clonazepam to reduce anxiety of patients referred to the Department of Surgery, Shiraz Dental School

Protocol summary

Shiraz University of Medical Sciences and Health Services

Summary

The aim of this study is to determine the effect of clonazepam to reduce anxiety before surgery in patients referred to the Department of Surgery, Shiraz Dental School. Among under 18 years old patients referred to this center, 30 patients will receive placebo and 30 patients will receive drug, that is a single dose of clonazepam 2 M.G an hour before surgery. Anxiety is shown by these indices: Visual Analogue Scale, blood pressure, pulse rate and oxygen saturation of blood.

Expected recruitment start date

2010-12-22, 1389/10/01

Expected recruitment end date

2011-04-21, 1390/02/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

General information

Scientific title

Evaluation of preoperative clonazepam to reduce anxiety of patients referred to the Department of Surgery, Shiraz Dental School

Acronym

IRCT registration information

IRCT registration number: **IRCT201012195420N1**

Registration date: **2011-06-18, 1390/03/28**

Registration timing: **retrospective**

Public title

The effect of clonazepam to reduce anxiety

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion Criteria: patients referred to the Department of Surgery, Shiraz Dental School. Exclusion Criteria: children and people under 18; addicts; smoking; all systemic diseases; women during menstruation; and all drugs consumers.

Last update:

Update count: **0**

Registration date

2011-06-18, 1390/03/28

Registrant information

Name

Navid Arasteh

Name of organization / entity

Shiraz Dental School

Country

Iran (Islamic Republic of)

Phone

+98 71 1230 1192

Email address

arastehn@sums.ac.ir

Age

From **18 years** old to **65 years** old

Gender

Both

Phase

3

Groups that have been masked

No information

Sample size

Target sample size: **60**

Randomization (investigator's opinion)

Randomized

Randomization description

Recruitment status

Recruitment complete

Funding source

Blinding (investigator's opinion)

Single blinded

Blinding description

Placebo

Used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Shiraz University of Medical Sciences and Health Services

Street address

Zand st.

City

Shiraz

Postal code

Approval date

2011-05-22, 1390/03/01

Ethics committee reference number

CT-90-5558

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

1 hour

Method of measurement

Visual Analogue Scale

2

Description

Blood pressure

Timepoint

1 hour

Method of measurement

mm HG by using a Digital Manometer

3

Description

Pulse rate

Timepoint

1 hour

Method of measurement

number per minutes by Digital Pulse Oximetry

4

Description

Oxygen saturation of blood

Timepoint

1 hour

Method of measurement

percent by Digital Pulse Oximetry

Secondary outcomes

empty

Intervention groups

1

Description

One dose of clonazepam 2 m.g one hour before surgery

Category

Treatment - Drugs

2

Description

Placebo one hour before surgery

Category

Placebo

Recruitment centers

1

Recruitment center

Name of recruitment center

Shiraz Dental School

Full name of responsible person

Navid Arasteh

Street address

Ghasro dasht st.

City

Shiraz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research of Shiraz University of Medical Sciences and Health Services

Full name of responsible person

Dr. Gholam Reza Hatam

Street address
Zand st.
City
Shiraz
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Vice chancellor for research of Shiraz University of Medical Sciences and Health Services
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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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