Clinical Trial Protocol
Iranian Registry of Clinical Trials

17 Sep 2026

The comparison between effect of oral propranolol, lorazpam and propranolol-lorazpam in reduction of preoperative anexiety

Protocol summary

Summary

In this study, we compared the effort of oral propranolol and lorzepam, and combination of these two medications in diminishing anxiety before operation and diminishing of BP and HR before and during operation. In this double blind study, at the night before operation, 75 patients in range of 18-45 years old with ASA class I and II were arranged in 3 groups: A, B and C. These paints were had prepared for minor or moderate elective surgery. After assessment of patients' anxiety with APIAS scale and after measurement of BP and HR of them, the drugs were prescribed. Group A took 2 mg lorazepam, group B took 20 mg propranolol, and C took 2mg lorazepam and 20 mg propranolol at 10:000 pm before next morning operation. The patients at entrance of operating room were assessed with APIAS and were checked for BP and HR again. All of patients had general anesthesia by similar rout. From the time of intubation till 15 minutes after that, BP and HR were checked every 5 minutes.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201106146256N2**
Registration date: **2011-06-19, 1390/03/29**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2011-06-19, 1390/03/29

Registrant information

Name

Sevak Hatamian

Name of organization / entity

Qazvin university of medical sciences and health servics

Country

Iran (Islamic Republic of)

Phone

+98 28 1223 6381

Email address

sehatamian@qums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice-chancellor for research,Qazvin universitiy of medical sciences and health services

Expected recruitment start date

2009-08-23, 1388/06/01

Expected recruitment end date

2010-03-21, 1389/01/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The comparison between effect of oral propranolol, lorazpam and propranolol-lorazpam in reduction of preoperative anexiety

Public title

The comparison between effect of orally propranolol lorazpam and propranolol-lorazpam in reduction of preoperative anexiety

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: Grasp testimonial; elective minor to moderate surgery as: inguinal hernia, trans urethral lithothomy , colles fx, tibia fx; age 18-45 and ASA class Iand II Exclusion criteria: History of chronic consumption of bzd antipsychotics, opium and amphetamines; history

of panic attack or any psychologic disorder; history of CHF, asthma COPD ,dm type Iand II; history of hypertension; history of any anti hypertension drug consumption and history of any food and drugs allergy

Age
From **18 years** old to **45 years** old

Gender
Both

Phase
2

Groups that have been masked
No information

Sample size
Target sample size: **75**

Randomization (investigator's opinion)
Randomized

Randomization description

Blinding (investigator's opinion)
Double blinded

Blinding description

Placebo
Not used

Assignment
Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee
Qazvin universityof medical sciences

Street address
Shahid Bahonar Blvd

City
Qazvin

Postal code

Approval date
2009-08-10, 1388/05/19

Ethics committee reference number
4372/20/28

Health conditions studied

1

Description of health condition studied
Neurotic, stress-related and somatoform disorders

ICD-10 code
F40.9

ICD-10 code description
Phobic anxiety disorder, unspecified

Primary outcomes

1

Description
Preoprative stress score

Timepoint
10 hours

Method of measurement
APIAS SCALE

Secondary outcomes

1

Description
Blood pressure

Timepoint
15 mint

Method of measurement
Non-Invasive Blood Pressure (NIBP)

2

Description
Heart rate

Timepoint
15min

Method of measurement
beat/min

Intervention groups

1

Description
Intervention:inderal 20mg

Category
Prevention

2

Description
Intervention:lorazpam2mg

Category
Prevention

3

Description
Intervention:inderal20 mg+lorazpam2 mg

Category
Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center
Shaid Rajee Hospital

Full name of responsible person
Dr Sevak Hatamian

Street address

Padeghan Street
City
Qazvin

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
vice-chancellor for research of Qazvin universityof medical science
Full name of responsible person
Dr Saeed Assefzadeh
Street address
Shahid bahonar Blvd
City
Qazvin
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 Qazvin universityof medical science
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
Qazvin, University of Medical Science
Full name of responsible person
Dr Behname Mahmoodieh
Position
Assitant rezident
Other areas of specialty/work
Street address
Shahid Bahonar Blvd
City
Qazvin
Postal code
Phone
+98 28 1332 0107
Fax
Email
Bmahmoodieh@qums.ac.ir
Web page address

Person responsible for scientific inquiries

Contact
Name of organization / entity
Qazvin, university of medical sciencesand health services
Full name of responsible person
Dr Siyamsk Yaghoubi
Position
Assitant professor/anesthesia
Other areas of specialty/work
Street address
Shahid bahonar Blv
City
Qazvin
Postal code
Phone
+98 28 1333 6001
Fax
Email
Siamak.yaghubi@gmail.com
Web page address

Person responsible for updating data

Contact
Name of organization / entity
Qazvin university of medical sciencesand health services
Full name of responsible person
Dr Sevak Hatamian
Position
Anaesthesia Resident
Other areas of specialty/work
Street address
Shahid Bahonar Blvd
City
Qazvin
Postal code
Phone
Fax
Email
Sehatamian@qums.ac.ir
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