

Clinical Trial Protocol

Iranian Registry of Clinical Trials

04 Jun 2026

A comparative evaluation of Rabeprazol and Ranitidine in decreasing epigastric pain after vitrectomy in patients referred to Rasoul Akram hospital between 2012-2013

Protocol summary

Summary

Objective: A comparative evaluation of Rabeprazol and Ranitidine in decreasing epigastric pain after vitrectomy Patients and Method: Inclusion criteria: ASA status I patients scheduled for elective vitrectomy surgery Exclusion Criteria: Patients with gastrointestinal diseases and those receiving medication that may have altered gastric motility were excluded from the study. addiction, pregnancy, psychological disorders, BMI above 35 There are two groups in the study; we will assign 35 patients for each group randomly. in intervention group Rabeprazol Sodium (Iran Najo, 20 mg Entereic coated) will be administered the night before surgery and in control group Ranitidine (tablet, 150mg, Arya Co. Iran) will be administered the night before surgery. Epigastric pain will be evaluated by Visual Analogue Scale (VAS) as primary outcome in both groups. This study will be finalized in 12 months in 2012-2013.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201303105822N3**
Registration date: **2013-03-18, 1391/12/28**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2013-03-18, 1391/12/28

Registrant information

Name

Valiollah Hassani

Name of organization / entity

Department of Anesthesiology, Tehran University of

Medical Sciences

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Recruitment status

Recruitment complete

Funding source

Tehran University of Medical Sciences, Tehran,Iran

Expected recruitment start date

2012-08-22, 1391/06/01

Expected recruitment end date

2013-08-23, 1392/06/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

A comparative evaluation of Rabeprazol and Ranitidine in decreasing epigastric pain after vitrectomy in patients referred to Rasoul Akram hospital between 2012-2013

Public title

Effect of Rabeprazol in decreasing epigastric pain after surgery

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: ASA status I patients scheduled for elective vitrectomy surgery Exclusion Criteria: Patients with gastrointestinal diseases and those receiving medication that may have altered gastric motility were excluded from the study. addiction, pregnancy,

psychological disorders, BMI above 35

Age

From **20 years** old to **90 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **70**

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

Tehran University of Medical Sciences

Street address

Room 501, 5th Floor, Central Office of Tehran
University of Medical Sciences, Keshavarz Bolvard

City

Tehran

Postal code

Approval date

2012-11-08, 1391/08/18

Ethics committee reference number

91.130.1924.۵

Health conditions studied

1

Description of health condition studied

Reflux and epigastric pain

ICD-10 code

K21

ICD-10 code description

Gastro-oesophageal reflux disease

Primary outcomes

1

Description

Epigastric Pain

Timepoint

1, 2, 4 hour after surgery

Method of measurement

visual analog scale (VAS)

Secondary outcomes

1

Description

Heart Burn

Timepoint

1,2,4 Hours after surgery

Method of measurement

Questionnaire (yes/no)

Intervention groups

1

Description

intervention group: Rabeprazol Sodium (Iran Najo, 20 mg Entereic coated) will be administered the night before surgery.

Category

Treatment - Drugs

2

Description

Control Group: Ranitidine (tablet, 150mg, Arya Co. Iran) will be administered the night before surgery.

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Hazrat Rasoul Hospital

Full name of responsible person

Valiollah Hassani

Street address

Niyayesh St, Sattarkhan St.

City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Tehran University of Medical Sciences

Full name of responsible person

Mohammadreza Ghodrati

Street address

Firouzgar Hospital, Behafarin St. ,Valiasr Sq.

City
Tehran

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?
Yes

Title of funding source
Tehran 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
Tehran University of Medical Sciences

Full name of responsible person
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Other areas of specialty/work

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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