

# 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

##### Country

Iran (Islamic Republic of)

##### Phone

+98 21 6650 9059

##### Email address

valiollah\_hassani@yahoo.com

##### 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

91.130.1924.3

## 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**  
Valiollah Hassani

**Position**  
Professor of Anesthesiology

**Other areas of specialty/work**

**Street address**  
Hazrat Rasoul Medical Center, Niayesh st, Sattarkhan ave

**City**  
Tehran

**Postal code**

**Phone**  
+98 21 6650 9059

**Fax**

**Email**  
vhassani@yahoo.com

**Web page address**

## Person responsible for scientific inquiries

**Contact**

**Name of organization / entity**  
Tehran University of Medical Sciences

**Full name of responsible person**  
Valiollah Hassani

**Position**

Professor of Anesthesiology

**Other areas of specialty/work**

**Street address**  
Hazrat Rasoul Medical Center, Niayesh St, Sattarkhan ave

**City**  
Tehran

**Postal code**

**Phone**  
+98 21 6650 9059

**Fax**

**Email**  
vhassani@yahoo.com

**Web page address**

## Person responsible for updating data

**Contact**

**Name of organization / entity**  
Tehran University of Medical Sciences

**Full name of responsible person**  
Mahmoudreza Rohani

**Position**  
Resident of Anesthesiology

**Other areas of specialty/work**

**Street address**  
Hazrat Rasoul Medical Center, Niayesh st, Sattarkhan ave,

**City**  
Tehran

**Postal code**

**Phone**  
00

**Fax**

**Email**

**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*