

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Sep 2026

Evaluation of the effect of propranolol on bleeding from the stapler line during bariatric laparoscopic surgery in morbid obese patients

Protocol summary

Summary

The aim of this study was to evaluate the effect of oral Inderal reduce bleeding during laparoscopic gastric bypass is. Our study will be done completely randomized, double-blind, multicenter. the study population are patients with severe obesity that have indication for laparoscopic gastric bypass surgery (Patients with BMI over 35 with associated complication or with a BMI over 40).the patient with inderal contraindication or any reason their operation will be converted to open surgery is excluded. The sample size for this study is 82 patients that the patients randomly divided into two equal groups are the case group of 40 mg twice a day for one week before surgery to receive either a control group who received a placebo the same way as. The number of bleeding points requiring cautery during surgery by the surgeon measured In stapler lines and recorded then the end of study The outcome of the case and control group are compared.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201310108588N17**

Registration date: **2014-05-20, 1393/02/30**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2014-05-20, 1393/02/30

Registrant information

Name

Mohadeseh Pishgahroudsari

Name of organization / entity

Mnimally Invasive Surgery Research Center

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Recruitment status

Recruitment complete

Funding source

Iran University of Medical Sciences.

Expected recruitment start date

2013-03-21, 1392/01/01

Expected recruitment end date

2014-03-21, 1393/01/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation of the effect of propranolol on bleeding from the stapler line during bariatric laparoscopic surgery in morbid obese patients

Public title

Study of effects of oral propranolol on amount bleeding during surgery

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: severe obesity that have indication for laparoscopic gastric bypass surgery (Patients with BMI over 35 with associated complication or with a BMI over 40). Exclusion Criteria: the patient with inderal contraindication or any reason their operation will be converted to open surgery is excluded.

Age

From **16 years** old to **65 years** old

Gender

Both

Phase

N/A

Groups that have been masked*No information***Sample size**Target sample size: **82****Randomization (investigator's opinion)**

Randomized

Randomization description**Blinding (investigator's opinion)**

Double blinded

Blinding description**Placebo**

Used

Assignment

Parallel

Other design features**Secondary Ids**

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Iran University of Medical Sciences

Street addressIran University of Medical sciences, south side of
Hemmat highway, Tehran, Iran.**City**

Tehran

Postal code**Approval date**

2014-04-09, 1393/01/20

Ethics committee reference number

20305

Health conditions studied**1****Description of health condition studied**

Morbid obesity

ICD-10 code

E66.8

ICD-10 code description

E66.8

Primary outcomes**1****Description**

Frequency of bleeding requiring hemostatsis

Timepoint

During of surgery

Method of measurement

based on surgeon's report

Secondary outcomes

empty

Intervention groups**1****Description**case group receive 40 mg inderal (po) twice a day for
one week before surgery.**Category**

Treatment - Drugs

2**Description**control group received a 40 mg placebo (po) the same
way as case group.**Category**

Treatment - Drugs

Recruitment centers**1****Recruitment center****Name of recruitment center**

Hazrat-e-Rasool Hospital

Full name of responsible person

Dr.Vahid Amini

Street addressRasool-e-Akram Hospital, Niyayesh Ave, Sattarkhan
St., Tehran, Iran.**City**

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

Iran university of Medical Sciences

Full name of responsible person

Dr.Motevalian

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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

Iran university of Medical Sciences

Proportion provided by this source

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**

Minimally Invasive Surgery Research Center

Full name of responsible person

Dr. Alibeigi

Position

Fellowship of laparoscopy

Other areas of specialty/work**Street address**

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Position

Statistics Expert

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

Minimally Invasive Surgery Research Center

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