Clinical Trial Protocol
Iranian Registry of Clinical Trials

18 Sep 2026

The effect of pyloromyotomy in gastric drainage in the gastric pull up for esophageal cancer resection

Protocol summary

Summary

All of the patients with resectable esophageal cancer admitted to thoracic surgical ward for esophagectomy for 12 month are included in this study. The patients are randomly divided in two groups. 30 patients of controlled group (group 1) are not performed pyloromyotomy during transhiatal esophagectomy. 30 patients of interventional group (group 2) are performed pyloromyotomy during transhiatal esophagectomy. In this study other variables such as age, gender, location of tumor, histopathology, complications and perioperative discomforts are also will be studied. All patients of two groups will be studied with radioisotope scanning for determination of gastric emptying and will be compared.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201104153831N2**
Registration date: **2011-05-14, 1390/02/24**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2011-05-14, 1390/02/24

Registrant information

Name

Mohsen Sokouti

Name of organization / entity

Department of Thoracic Surgery

Country

Iran (Islamic Republic of)

Phone

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Recruitment status

Recruitment complete

Funding source

Tabriz University of Medical Sciences

Expected recruitment start date

2011-01-01, 1389/10/11

Expected recruitment end date

2012-01-01, 1390/10/11

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of pyloromyotomy in gastric drainage in the gastric pull up for esophageal cancer resection

Public title

The effect of pyloromyotomy in gastric drainage after esophagectomy

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: All of the patients with resectable esophageal carcinoma admitted to Imam Reza Hospital. Exclusion criteria: 1- Nonoperable esophageal carcinoma, 2- Diabetes, 3- Severe cardiopulmonary compromises, 4- Patients who did not performed gastric emptying isotope scan after surgery, 5- Patients who died perioperatively until two months after surgery.

Age

No age limit

Gender

Both

Phase

N/A
Groups that have been masked
No information
Sample size
Target sample size: **60**
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
Ethics Committee of Tabriz University of Medical Sciences
Street address
Daneshgah Avenue
City
Tabriz
Postal code
5166614756
Approval date
2011-04-25, 1390/02/05
Ethics committee reference number
903

Health conditions studied

1

Description of health condition studied
Esophageal cancer
ICD-10 code
C15.3, C15
ICD-10 code description
Malignant neoplasm of oesophagus

Primary outcomes

1

Description
Gastric emptying after esophagectomy
Timepoint
Two months after surgery
Method of measurement
Gastric emptying radioisotope scan

Secondary outcomes

1

Description
Cough
Timepoint
after eating - between meals
Method of measurement
Patient complain

2

Description
fullness
Timepoint
after eating
Method of measurement
Patient complain-Gastric emptying radioisotope scan

3

Description
Regurgitation
Timepoint
after eating - between meals
Method of measurement
Patient complain

Intervention groups

1

Description
Control group: esophagectomy without Pyloromyotomy.
Category
N/A

2

Description
Intervention group: esophagectomy with Pyloromyotomy.
Category
Prevention

Recruitment centers

1

Recruitment center
Name of recruitment center
Imam Reza Hospital
Full name of responsible person
Doctor Mohsen Sokouti
Street address
Golgasht Avenue
City
Tabriz

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Tabriz University of Medical Sciences and health service
Full name of responsible person
Dr Mohammad Reza Rashidi - Vice chancellory for research
Street address
Daneshgah Avenue
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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
Tabriz University of Medical Sciences and health service
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
Tabriz University of Medical Sciences and Health services
Full name of responsible person
Dr Mohsen Sokouti
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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