

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

06 Jun 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

+98 41 1336 6634

##### Email address

sokoutim@tbzmed.ac.ir

##### 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 chancellor for research

**Street address**

Daneshgah Avenue

**City**

Tabriz

**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

**Position**

Subspecialist in Thoracic Surgery - Associate professor

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

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Sokouti.mohsen@yahoo.com

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### Person responsible for scientific

## inquiries

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**Full name of responsible person**

Dr Mohsen Sokouti

**Position**

Associate professor of Thoracic Surgery

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

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### Person responsible for updating data

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Tabriz University of Medical Sciences and Health Services

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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*