

Clinical Trial Protocol

Iranian Registry of Clinical Trials

29 Jul 2026

Comparison efficacy of intra operative ultrasound during the laparoscopy cholecystectomyin reduce the bile ducts injury.

Protocol summary

Summary

The purpose of this study is showing that intra operative ultrasound during the laparoscopy cholecystectomy prepare a better visualization for surgeon and since obesity and intestinal gas, don't make restrictions on the diagnosis therefor, it can show a better anatomic view to surgeon. We study patients who are candidate for cholecystectomy. The exclusion criterion includes the patients whose laparoscopy are converts to laparotomy. The sample size for this study is 150 patients. The participants are divided into two groups randomly. Intra operative ultrasound is done just in one group and the intraoperative complication such as bile duct injury will be assessed in both groups. Intra operative Sonography can reduce the risk of intra operative billiary tract injury.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201209278588N11**

Registration date: **2012-11-06, 1391/08/16**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2012-11-06, 1391/08/16

Registrant information

Name

Mohadeseh Pishgahroudsari

Name of organization / entity

Mnimally Invasive Surgery Research Center

Country

Iran (Islamic Republic of)

Phone

+98 21 6655 5447

Email address

research@lapsurg.ir

Recruitment status

Recruitment complete

Funding source

Tehran University of Medical Sciences.

Expected recruitment start date

2012-09-22, 1391/07/01

Expected recruitment end date

2015-04-19, 1394/01/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison efficacy of intra operative ultrasound during the laparoscopy cholecystectomyin reduce the bile ducts injury.

Public title

use of Intraoperative ultrasound in laparoscopic cholecystectomy

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: All patients with gallstones or gallbladder inflammation Exclusion criteria: the patients whose laparoscopy are converts to laparotomy.

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **150**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Single 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

Tehran University of Medical Sciences, corner of Ghods St., Keshavarz Blvd., Tehran, Iran.

City

Tehran

Postal code

Approval date

2012-07-30, 1391/05/09

Ethics committee reference number

61289

Health conditions studied

1

Description of health condition studied

cholecystitis

ICD-10 code

K81

ICD-10 code description

Acute cholecystitis

2

Description of health condition studied

Cholelithiasis

ICD-10 code

K80

ICD-10 code description

Cholelithiasis

Primary outcomes

1

Description

Bile duct injury

Timepoint

intraoperative, two days after operation

Method of measurement

clinical signs and surgeon's diagnosis

Secondary outcomes

1

Description

Finding Bile duct stone

Timepoint

intraoperative

Method of measurement

inspection in Sonography

Intervention groups

1

Description

In the intervention group, for the patients, during laparoscopic surgery ultrasound is done.

Category

Prevention

2

Description

In the intervention group, for the patients during laparoscopic ultrasound is not done.

Category

Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center

Rasool-e-Akram Hospital

Full name of responsible person

Street address

Rasool-eAkram hoapital, Niyayesh St., Sattarkhan Ave., Tehran, Iran.

City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Tehran University of Medical Sciences.

Full name of responsible person

Dr.Akbar Fotoohi

Street address

Tehran University of Medical Sciences, corner of Ghods, Keshavarz Blvd., Tehran, Iran.

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

Minimally Invasive Surgery Research Center

Full name of responsible person

Dr.Hosein Saeedimotahar

Position

Fellowship of laparoscopy

Other areas of specialty/work

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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