

Clinical Trial Protocol

Iranian Registry of Clinical Trials

21 Jul 2026

Effect of preoperative nursing visit on anxiety and postoperative outcomes of laparoscopic cholecystectomy

Protocol summary

Summary

This study explores the effect of preoperative nursing visit on anxiety and postoperative outcomes of laparoscopic cholecystectomy. Demographic and personality data will be collected during preoperative nursing visit. In the afternoon of the day before the operation, in a 30 minutes session with patient the following information will be provided for the intervention group: information about the operation room, the admissions process in the operating room, and the type of surgical procedure. The advantages of laparoscopic surgery over the conventional methods will be described. A series of techniques to help with the rapid recovery of the patient following surgery will be given including: doing deep breathing, and early ambulation. The control group will receive the routine care. protocol of anesthesia and pain control will be the same for all of participants. At the morning of the surgery day Spielberger state - trait anxiety inventory questionnaire will be filled for all the patients participating in the study. Vital signs and other possible complications will be monitored for patients. At the recovery room Aldert's checklist will be completed. Patient's pain, nausea and vomiting will be assessed 24 hours after operation. The collected information will be compared in the two groups.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201008253384N2**
Registration date: **2010-09-28, 1389/07/06**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2010-09-28, 1389/07/06

Registrant information

Name

Ameneh Ebrahim Valoojerdi

Name of organization / entity

Endocrine research center

Country

Iran (Islamic Republic of)

Phone

+98 21 8894 5247

Email address

info@lapsurg.ir

Recruitment status

Recruitment complete

Funding source

Iran University of Medical Sciences

Expected recruitment start date

2010-08-01, 1389/05/10

Expected recruitment end date

2010-11-01, 1389/08/10

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of preoperative nursing visit on anxiety and postoperative outcomes of laparoscopic cholecystectomy

Public title

Effect of preoperative nursing visit on anxiety and postoperative outcomes of laparoscopic cholecystectomy

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria : Lack of underlying physical illness, including heart disease - cardiovascular, pulmonary, renal and mental illness, lack of surgical experience And lack of familiarity with the operating room environment ,

being undergone elective surgery Exclusion criteria :
acute and chronic cholecystitis

Age

From **20 years** old to **65 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **125**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Iran university of Medical sciences

Street address

Iranian university of Medical sciences - Hemat
highway

City

Tehran

Postal code

Approval date

empty

Ethics committee reference number

2/891

Health conditions studied

1

Description of health condition studied

Behavior Therapy

ICD-10 code

-

ICD-10 code description

-

Primary outcomes

1

Description

Anxiety

Timepoint

24 hours before surgery, 24 hours after surgery

Method of measurement

Questionnaire

2

Description

Nausea

Timepoint

24 hours before surgery, 24 hours after surgery

Method of measurement

Patient records

3

Description

pain

Timepoint

24 hours before surgery, 24 hours after surgery

Method of measurement

Visual Analogue Scale

Secondary outcomes

1

Description

Duration of hospitalization

Timepoint

After discharge

Method of measurement

Patient file

Intervention groups

1

Description

Intervention group: in the afternoon of the day before the operation, in a 30 minutes session with patient the following information will be provided: information about the operation room, the admissions process in the operating room, and the type of surgical procedure. The advantages of laparoscopic surgery over the conventional methods will be described. A series of techniques to help with the rapid recovery of the patient following surgery will be given including: doing deep breathing, and early ambulation

Category

Behavior

2

Description

Control group: as usual approach

Category

Behavior

Recruitment centers

1

Recruitment center

Name of recruitment center

Emam Khomeini Hospital

Full name of responsible person

Street address

City

Karaj

2

Recruitment center

Name of recruitment center

Alborz Hospital

Full name of responsible person

Street address

City

Karaj

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Iran university of Medical sciences

Full name of responsible person

Dr Maziar Moradi

Street address

Iran university of Medical sciences, Hemat highway

City

Tehran

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

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

Iran university of Medical sciences

Full name of responsible person

Leila Sadati

Position

MS of nursing

Other areas of specialty/work

Street address

Shahid Mansoori valley, Niayesh St., Sattar Khan St.,

Hazrat Rasoul hospital

City

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Postal code

Phone

+98 21 6655 5447

Fax

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l.sadati70@gmail.com

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

General surgery department

Full name of responsible person

Abdolreza Pazouki

Position

Fellowship of laparoscopy

Other areas of specialty/work

Street address

Shahid Mansoori valley, Niayesh St., Sattar Khan St.,

Hazrat Rasoul hospital

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Phone

+98 21 6650 7055

Fax

Email

apazouki@yahoo.com

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Full name of responsible person

Ameneh Ebrahim Valoojerdi

Position

Statistics BS

Other areas of specialty/work

Street address

City

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Phone

Fax

Email

ebrahimv86@gmail.com

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