# Clinical Trial Protocol
# Iranian Registry of Clinical Trials

19 Sep 2026

## The effect of Intraperitoneal lidocaine on pain after abdominal hysterectomy

## Protocol summary

**Summary**

The aim of this study is the effect of intraperitoneal lidocain on pain after abdominal hysterectomy. The exclusion criteria are: positive history of hepatits; cardiovascular diseases; hypersensitivity to local analgesic agents; history of conclusion; asthma; addiction; cancer and concomitant surgeries. Fourthly patients who are candidate for abdominal hysterectomy will be recruited after giving informed consent and be randomly allocated in two groups: intervention and control. All patients undergo abdominal hysterectomy under general anesthesia. At the end of operation in supine position one of this two solution(50cc of 0.9% normal saline or 50cc of lidocain 0.8% plus epinephrine 1/50000 will be infiltrated to the peritoneal cavity and then abdomen be closed. A patient with complication & any patient that the operation lasts more than 2hours will be excluded from study. At the end all patients will be compared from the point of pain score after 12, 24 and 48 hours after operation, side effects, and the dose of narcotic & raise of satisfaction.

## General information

**Acronym**

**IRCT registration information**

IRCT registration number: **IRCT201207021306N6**
Registration date: **2012-07-18, 1391/04/28**
Registration timing: **retrospective**

Last update:
Update count: **0**

**Registration date**

2012-07-18, 1391/04/28

**Registrant information**

**Name**

Ziba Zahiri

**Name of organization / entity**

Guilan University of Medical Sciences

**Country**

Iran (Islamic Republic of)

**Phone**

+98 13 1322 5624

**Email address**

drzibazahiri@gums.ac.ir

**Recruitment status**

**Recruitment complete**

**Funding source**

Vice chancellor for research-Guilan University of Medical Sciences

**Expected recruitment start date**

2007-06-17, 1386/03/27

**Expected recruitment end date**

2008-07-07, 1387/04/17

**Actual recruitment start date**

empty

**Actual recruitment end date**

empty

**Trial completion date**

empty

**Scientific title**

The effect of Intraperitoneal lidocaine on pain after abdominal hysterectomy

**Public title**

The effect of lidocaine on pain after abdominal hysterectomy surgery

**Purpose**

Treatment

**Inclusion/Exclusion criteria**

The exclusion criteria are: positive history of hepatits; cardiovascular diseases; hypersensitivity to local analgesic agents; history of conclusion; asthma; addiction; cancer and concomitant surgeries. Inclusion criterion: all patient who are candidate for abdominal of hysterectomy.

**Age**
From **15 years** old to **45 years** old
**Gender**
Female

**Phase**
2
**Groups that have been masked**
*No information*
**Sample size**
Target sample size: **40**
**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**
Guilan University of Medical Sciences
**Street address**
Road Tehran, Faculty of Medicine
**City**
Rasht
**Postal code**
**Approval date**
2007-05-22, 1386/03/01
**Ethics committee reference number**
431

## Health conditions studied

**1**

**Description of health condition studied**
Single delivery by caesarean section
**ICD-10 code**
O82
**ICD-10 code description**
O82.0

## Primary outcomes

**1**

**Description**
Evaluation of Pain
**Timepoint**
At hours 8, 12, 24 and 48 hours after surgery and after surgery at the time of movement
**Method of measurement**
Visual pain scale

## Secondary outcomes

**1**

**Description**
Side effects (dizziness, vomiting, nausea)
**Timepoint**
Within 24 hours after surgery.
**Method of measurement**
By Assistant

**2**

**Description**
Dosage of drugs
**Timepoint**
Within 24 hours after surgery.
**Method of measurement**
By Assistant

**3**

**Description**
Satisfaction levels
**Timepoint**
Within 24 hours after surgery.
**Method of measurement**
Ask the patient

## Intervention groups

**1**

**Description**
At the end of operation number1 solution(50cc of 0.9% normal saline ) infiltrated within peritoneal cavity and then abdomen was closed
**Category**
Treatment - Drugs

**2**

**Description**
At the end of operation number 2 solution( 50cc of lidocain 0.8% plus epinephrine 1/50000) was infiltrate to the peritoneal cavity and then abdomen was closed
**Category**
Treatment - Drugs

## Recruitment centers

**1**

**Recruitment center**
**Name of recruitment center**
Alzahra hospital
**Full name of responsible person**

**Street address**
**City**
Rasht

## Sponsors / Funding sources

### 1

**Sponsor**
**Name of organization / entity**
Vice chancellor for research-Guilan University of Medical Sciences
**Full name of responsible person**
Dr. Abdolrasol Sobhani
**Street address**
Vice Chancellor for research-Guilan University of Medical Sciences l, Namjoo street
**City**
Rasht
**Grant name**
**Grant code / Reference number**
**Is the source of funding the same sponsor organization/entity?**
Yes
**Title of funding source**
Vice chancellor for research-Guilan 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**

## Person responsible for scientific inquiries

**Contact**
**Name of organization / entity**
Guilan University of Medical Sciences
**Full name of responsible person**
Dr.Ziba Zahiri
**Position**
Associated professor Guilan university of Medical Science
**Other areas of specialty/work**
**Street address**
Rasht.Namjo street.Alzahra hospital.Reproductive Health Research Center
**City**
Rasht
**Postal code**
**Phone**
+98 13 1322 5624
**Fax**
**Email**
drzibazahiri@yahoo.com; h_fertility@gums.ac.ir
**Web page address**

## Person responsible for updating data

**Contact**
**Name of organization / entity**
Guilan University of Medical Sciences
**Full name of responsible person**
Seyedeh Fatemeh Dalil Heirati
**Position**
B.S.midwife
**Other areas of specialty/work**
**Street address**
Reproduction Health research center-Alzahra hospital-Namjo street
**City**
Rasht
**Postal code**
**Phone**
**Fax**
**Email**
h_fertility@gums.ac.ir
**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*