# Clinical Trial Protocol
# Iranian Registry of Clinical Trials

16 Sep 2026

## The comparison of the efficacy of oral Gabapentin and Tramadol after elective abdominal hysterectomy pain in general anesthesia

## Protocol summary

**Summary**

The purpose of this study is comparison of efficacy of oral Gabapentin with Tramadol in acute pain control after elective abdominal hysterectomy under general anesthesia. Inclusion criteria: Patients aged 35 to 55; American Society of Anesthesiologists (ASA) class 1-2 Exclusion criteria: The surgical complication leading to prolonged operation time more than 2 hours; Essential requirement to other concomitant abdominal surgery. This is a double-blind clinical trial study in one hundred twenty patients. Patient are randomly divided in to 3 groups of 40 patients are receiving Tramadol 100 mg and Gabapentin 300 mg and placebo. They are giving medicines 2 hours before surgery with 50 cc water, then Visual analogue scale (VAS) in 4, 8,12,16,20 and 24 hours are investigated and recorded.

## General information

**Acronym**

**IRCT registration information**

IRCT registration number: **IRCT201201108677N1**
Registration date: **2014-05-13, 1393/02/23**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

**Registration date**

2014-05-13, 1393/02/23

**Registrant information**

**Name**

Farnoush Farzi

**Name of organization / entity**

Guilan University of Medical Sciences

**Country**

Iran (Islamic Republic of)

**Phone**

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**Email address**

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**Recruitment status**

**Recruitment complete**

**Funding source**

Guilan University of Medical Sciences

**Expected recruitment start date**

2014-05-09, 1393/02/19

**Expected recruitment end date**

2014-09-10, 1393/06/19

**Actual recruitment start date**

empty

**Actual recruitment end date**

empty

**Trial completion date**

empty

**Scientific title**

The comparison of the efficacy of oral Gabapentin and Tramadol after elective abdominal hysterectomy pain in general anesthesia

**Public title**

Pain control after Hysterectomy

**Purpose**

Prevention

**Inclusion/Exclusion criteria**

Inclusion criteria: Patients aged 35 to 55; American Society of Anesthesiologists (ASA) class 1-2 Exclusion criteria: The surgical complication leading to prolonged operation more than 2 hours; Essential requirement to other abdominal surgery

**Age**

From **35 years** old to **55 years** old

**Gender**

Female

**Phase**

2-3

**Groups that have been masked**
*No information*
**Sample size**
Target sample size: **120**
**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**
Namjoo street
**City**
Rasht
**Postal code**
4193893345
**Approval date**
2014-02-22, 1392/12/03
**Ethics committee reference number**
1920422815

## Health conditions studied

**1**

**Description of health condition studied**
The relationship between oral gabapentin and tramadol in acute pain after abdominal Histrectomy
**ICD-10 code**
**ICD-10 code description**

## Primary outcomes

**1**

**Description**
Pain
**Timepoint**
every 4 hours up to 24 hours
**Method of measurement**
Visual analogous score(0-10)

**2**

**Description**
Nausea and vomiting
**Timepoint**
Every 4 hours up to 24 hours
**Method of measurement**
Nausea and vomiting score (0-4)

## Secondary outcomes

empty

## Intervention groups

**1**

**Description**
Intervention 1: Gabapanten 100 mg with 50 cc water 2 hours before surgery
**Category**
Prevention

**2**

**Description**
Intervention 2: Tramadol 100 mg with 50 cc water 2 hours before surgery
**Category**
Prevention

**3**

**Description**
Intervention 3: Placebo with 50 cc water 2 hours before surgery
**Category**
Prevention

## Recruitment centers

**1**

**Recruitment center**
**Name of recruitment center**
Alzahra Hospital
**Full name of responsible person**
Farnoush Farzi
**Street address**
Namjoo street
**City**
Rasht

## Sponsors / Funding sources

**1**

**Sponsor**
**Name of organization / entity**
Vice chancellor for research of Guilan University of Medical Sciences
**Full name of responsible person**
Abtin Heidarzadeh
**Street address**
Shahid beheshti Highway

**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 of 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**
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Anesthesiologist/associated Professor
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## Person responsible for scientific inquiries

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## Person responsible for updating data

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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*