Clinical Trial Protocol
Iranian Registry of Clinical Trials

28 May 2026

The post operative analgesic effect of gabapentine in patients undergoing abdominal hysterectomy.

Protocol summary

Summary

This study is designed to survey gabapentin analgesic effect on post-abdominal hysterectomy pain. Fifty patients aged 35-50 years candidate for abdominal hysterectomy will be included in this study. After signing the informed consent, the patients will be randomly assigned into two groups. The intervention group will receive 1200mg gabapentin and the control group 1200mg placebo. Then, all patients will undergo the operation with the same procedure under the same anesthesia method. The pain will be measured at 2, 6, 12, and 24 hours after the operation with visual analogue scale. Then, the patients will receive 5mg morphine if the pain score was more than 4. Pain intensity, the amount of morphine consumed, nausea, vomiting, and light headedness will be measured and compared between groups.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT138903112967N2**
Registration date: **2010-06-01, 1389/03/11**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2010-06-01, 1389/03/11

Registrant information

Name

Fatemeh Foroozanfar

Name of organization / entity

Kashan University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 36 1446 0180

Email address

forozanfar_f@kaums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice-chancelor for Research Kashan University of Medical Sciences

Expected recruitment start date

2010-05-16, 1389/02/26

Expected recruitment end date

2011-03-20, 1389/12/29

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The post operative analgesic effect of gabapentine in patients undergoing abdominal hysterectomy.

Public title

The post operative analgesic effect of gabapentine in patients undergoing abdominal hysterectomy.

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: age 35-50 years, candidate for hysterectomy Exclusion criteria: Allergy to morphine or gabapentine, chronic use of analgesic drugs or steroid, drug addiction, history of cardiovascular, hepatic, respiratory, or renal diseases, presence of asthma or chronic pain syndrome

Age

From **35 years** old to **50 years** old

Gender

Female

Phase
3
Groups that have been masked
No information
Sample size
Target sample size: **50**
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
Kashan University of Medical Sciences
Street address
Vice-chancelor for Research,Ghotbe Ravandi Blvd,Kashan
City
Kashan
Postal code
Approval date
2010-03-16, 1388/12/25
Ethics committee reference number
7911

Health conditions studied

1

Description of health condition studied
post abdominal hysterectomy pain
ICD-10 code
N99.9
ICD-10 code description
Postprocedural disorder of genitourinary system, unspecified

Primary outcomes

1

Description
post-abdominal hysterectomy pain
Timepoint
2, 6, 12, 24 hours after operation
Method of measurement
Visual analog scale

Secondary outcomes

1

Description
Morphine consumption
Timepoint
2, 6, 12, 24 hours after operation
Method of measurement
Number of morphine ampules consumption

Intervention groups

1

Description
Gabapentine, 1200mg orally one hour before operation
Category
Treatment - Drugs

2

Description
Placebo, 1200mg orally simillar to gabapentin exception for effective material one hour before operation
Category
Treatment - Drugs

Recruitment centers

1

Recruitment center
Name of recruitment center
Shabih khani Maternity Hospital
Full name of responsible person
Dr. Fatemeh Foroozanfard
Street address
Shabih khani Maternity Hospital, Shahid Beheshti Street
City
Kashan

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Vice-chancelor for Research, Kashan University of Medical Sciences
Full name of responsible person
Dr. Gholamali Hamidi
Street address
Vice-chancelor for Research, Ghotbe Ravandi
City
Kashan
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

Vice-chancelor for Research, Kashan 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

Kashan University of Medical Sciences

Full name of responsible person

Dr. Fatemeh Foroozanfard

Position

OB & GYN, IVF Fellowship, Assistant Professor

Other areas of specialty/work

Street address

Shahid Beheshti Street,Shabih Khani Maternity Hospital

City

Kashan

Postal code

8714715555

Phone

+98 36 1542 1355

Fax

+98 44601800361

Email

forozanfar_f@kaums.ac.irfatemehforoozanfard@yahoo.com

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Kashan University of Medical Sciences

Full name of responsible person

Dr. Fatemeh Foroozanfard

Position

OB & GYN, IVF Fellowship, Assistant Professor

Other areas of specialty/work

Street address

Shahid Beheshti Street-Shabih khani Maternity Hospital

City

Kashan

Postal code

8714715555

Phone

+98 36 1542 1355

Fax

+98 36 1444 1170

Email

forozanfar_f@kaums.ac.ir

fatemehforoozanfard@yahoo.com

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Kashan University of Medical Sciences

Full name of responsible person

Dr. Fatemeh Foroozanfard

Position

OB & GYN, IVF Fellowship, Assistant Professor

Other areas of specialty/work

Street address

Shabih Khani Maternity Hospital, Shahid Beheshti Street

City

Kashan

Postal code

8717415555

Phone

+98 36 1542 1355

Fax

+98 36 1444 1170

Email

forozanfar_f@kaums.ac.irfatemehforoozanfard@yahoo.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