

Clinical Trial Protocol

Iranian Registry of Clinical Trials

24 Jul 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

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Recruitment status

Recruitment complete

Funding source

Vice-chancellor 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-chancellor 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 similar 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-chancellor for Research, Kashan University of
Medical Sciences

Full name of responsible person

Dr. Gholamali Hamidi

Street address

Vice-chancellor 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-chancellor 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
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Full name of responsible person
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Position
OB & GYN, IVF Fellowship, Assistant Professor

Other areas of specialty/work

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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