

Clinical Trial Protocol

Iranian Registry of Clinical Trials

19 Sep 2026

Comparative effect of duloxetine and gabapentine on severity of pain and morphine consumption after total abdominal hysterectomy. A double blind clinical trail

Protocol summary

Summary

The aim of this study is to compare the effect of duloxetine and gabapentin on pain score after total abdominal hysterectomy. Inclusion criteria are being candidates for elective trans abdominal hysterectomy and age between 45 to 75. Exclusion criteria are history of sensitivity to medication study, patients that received analgesic 8 hours before surgery, history of asthma, history of hypertension and peripheral neuropathy. In a double blind randomized clinical trail 60 patient will be divided to two equals group (n=30). All the patients in control group receive preemptive gabapentin (600 mg) two hours before surgery. In case group all the patients receive preemptive duloxetine (60 mg) two hours before surgery. Pain score, need to analgesic drugs, patient satisfaction and time of discharge will be recorded and analyzed.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201506301936N14**

Registration date: **2016-02-04, 1394/11/15**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2016-02-04, 1394/11/15

Registrant information

Name

Abdolreza Najafi Anaraki

Name of organization / entity

Bushehr University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 77 1354 0088

Email address

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Recruitment status

Recruitment complete

Funding source

Bushehr University of Medical Sciences

Expected recruitment start date

2015-09-06, 1394/06/15

Expected recruitment end date

2015-11-21, 1394/08/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparative effect of duloxetine and gabapentine on severity of pain and morphine consumption after total abdominal hysterectomy. A double blind clinical trail

Public title

The effect of duloxetine and gabapentine on pain

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: all patients who are candidates for elective trans abdominal hysterectomy and age between 45 -75. Exclusion criteria: history of sensitivity to medication; patients that received analgesic 8 hours before surgery; history of asthma; history of hypertension and peripheral neuropathy.

Age

From **45 years** old to **75 years** old

Gender

Female

Phase

N/A

Groups that have been masked*No information***Sample size**Target sample size: **60****Randomization (investigator's opinion)**

Randomized

Randomization description**Blinding (investigator's opinion)**

Double blinded

Blinding description**Placebo**

Not used

Assignment

Parallel

Other design features**Secondary Ids****1****Registry name**

.

Secondary trial Id

.

Registration date

2017-11-21, 1396/08/30

Ethics committees**1****Ethics committee****Name of ethics committee**

Busheher University of Medical Sciences

Street address

Siraf Avenue, Busheher

City

Busheher

Postal code**Approval date**

2014-03-10, 1392/12/19

Ethics committee reference number

B-92-15-17

Health conditions studied**1****Description of health condition studied**

Effect of duloxetine and gabapentine on post operative pain

ICD-10 code

M79.9

ICD-10 code description

Soft tissue disorder, unspecified

Primary outcomes**1****Description**

post operative pain

Timepoint

First day, Second day

Method of measurement

visual

Secondary outcomes**1****Description**

Patient Satisfaction

Timepoint

Second day

Method of measurement

Question

Intervention groups**1****Description**

In control group all patients receive 600 milligrams gabapentin orally two hours before surgery

Category

Treatment - Drugs

2**Description**

In case group all patients receive 60 milligrams duloxetine orally two hours before surgery

Category

Treatment - Drugs

Recruitment centers**1****Recruitment center****Name of recruitment center**

Shohadaye khalig fars Hospital

Full name of responsible person

Dr. Abdolreza Najafi Anaraki

Street address

Bushehr University of Medical Sciences -Siraf Street

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Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

Bushehr University of Medical Sciences

Full name of responsible person

Dr Majid Asadi

Street address

Bushehr University of Medical Sciences, Siraf Street

City

Bushehr

Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

Bushehr 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**

Bushehr University of Medical Sciences

Full name of responsible person

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Position

Associate Professor

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Postal code**Phone****Fax****Email****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