

Clinical Trial Protocol

Iranian Registry of Clinical Trials

24 Jul 2026

The comparative effect of duloxetine and clonidine on morphine consumption after hysterectomy, A double blind randomized clinical trail

Protocol summary

Summary

The aim of this study is to compare effect of duloxetine and clonidine on morphine consumption after total abdominal hysterectomy. Inclusion criteria: are all patient's candidates for elective trans vaginal 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. .A double blind randomized clinical trail 60 patient divided to two equals group(n=30) All the patients in control group receive preemptive clonidine 0/1 milligrams per kilogram two hours before surgery.. In case group all the patients receive preemptive duloxetine two hours before surgery. Pain score, need to analgesic drugs, patient satisfaction and time of discharge, will be recorded and analyzed.

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Recruitment status

Recruitment complete

Funding source

Busheher University of Medical Sciences

Expected recruitment start date

2015-09-06, 1394/06/15

Expected recruitment end date

2015-11-06, 1394/08/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201507301936N15**

Registration date: **2015-09-01, 1394/06/10**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2015-09-01, 1394/06/10

Registrant information

Name

Abdolreza Najafi Anaraki

Name of organization / entity

Bushehr University of Medical Sciences

Country

Iran (Islamic Republic of)

Scientific title

The comparative effect of duloxetine and clonidine on morphine consumption after hysterectomy, A double blind randomized clinical trail

Public title

The comparative effect of duloxetine and clonidine on morphine consumption after hysterectomy. A double blind randomized clinical trail

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria:the all patient's candidates for elective trans vaginal hysterectomy and age between 45 till 75. Exclusion criteria::history of sensitivity to medication study; 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
2-3

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

empty

Ethics committees

1

Ethics committee

Name of ethics committee
Bushehr University of Medical Sciences

Street address
Busheher -Siraf Avenue

City
Busheher

Postal code

Approval date
2014-08-20, 1393/05/29

Ethics committee reference number
B-92-15-17

Health conditions studied

1

Description of health condition studied
Effect of dulexitineand and clonidine on morphime consumption in hysterectomy

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description
Post Operative Pain

Timepoint
24 hours

Method of measurement
Visual

Secondary outcomes

1

Description
Patient Satisfication

Timepoint
24 hours

Method of measurement
Question

Intervention groups

1

Description
In control group all patients receive0/1 milligrams per kilogram clonidine

Category
Treatment - Drugs

2

Description
In case group all patients receive 60 milligrams per kilogram dulexitin.

Category
Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center
Bushehr University of Medical Science

Full name of responsible person
Dr. Abdolreza Najafi Anaraki

Street address
Bushehr University of Medical Science

City
Bushehr

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 science

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

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Web page address**Person responsible for general inquiries****Contact****Name of organization / entity**

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Full name of responsible person

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Position

Associate Professor

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Full name of responsible person

Dr. Abdolreza Najafi Anaraki

Position

Associated Professor

Other areas of specialty/work**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