

Clinical Trial Protocol

Iranian Registry of Clinical Trials

18 Sep 2026

The effect of hypogastric block for pain relief in endometriotic patients after completion of both surgical and medical treatment

Protocol summary

Summary

1- Objectives: The effect of hypogastric block for pain relief in endometriotic patients after completion of both surgical and medical treatment 2- Design: This study is performed as a randomized clinical trial. 3- Setting and conduct: After obtaining the approval of the Ethics Committee from Iran University of Medical Sciences and obtaining a clinical practice code from the clinical practice system and receiving written consent from patients with endometriosis referring to the women's ward of Rasoul-e-Akram Hospital; patients will be entered into the study. In the intervention group, the hypoplastic block will be performed by injection of 10 ml of bupivacaine 25% and 40 mg of triamcinolone from the two needles, and in control group the common therapies will be used. 4- Participants including major eligibility criteria: Inclusion criteria: Age of 18-45 patients with endometriosis with proven laparoscopy and despite surgical and medical treatment The mean pain (chronic pelvic pain, dyspnea, or discomfort) is VAS Score 5. Lack of PID, lack of fibroma, lack of adenomyosis, patients need to collaborate. At least three months after the last treatment of the patient's treatment, do not respond to surgical and therapeutic procedures. Exclusion criteria: Patient not cooperating. 5- Intervention: hypogastric block in intervention group and Common treatment in control group 6- main outcome measures : The outcome of this study was pain, which was evaluated using the VAS questionnaire in the intervals of 24 hours, 48 hours, 72 hours, one week and one month after the intervention.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017082923684N3**

Registration date: **2017-10-24, 1396/08/02**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2017-10-24, 1396/08/02

Registrant information

Name

Sepideh Khodaverdi

Name of organization / entity

Iran University of Medical Science

Country

Iran (Islamic Republic of)

Phone

+98 21 6435 2562

Email address

khodaverdi.s@iums.ac.ir

Recruitment status

Recruitment complete

Funding source

Iran University of Medical science

Expected recruitment start date

2017-06-22, 1396/04/01

Expected recruitment end date

2018-03-20, 1396/12/29

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of hypogastric block for pain relief in endometriotic patients after completion of both surgical and medical treatment

Public title

The effect of hypogastric block for pain relief in endometriotic patients

Purpose

Treatment

Inclusion/Exclusion criteria
 Inclusion criteria: Patients whose endometriosis has been diagnosed with laparoscopy; and despite surgical and medical treatment; the average of chronic pelvic pain; dyspnea or dysmenorrhea is 5 was score to above and At least three months have elapsed since their last medication; and has not received any drug treatment. And excluded other causes of pelvic pain such as PID, uterine fibroids, adenomyosis, IBS, and urinary problems. Exclusion criteria: Patient's lack of cooperation

Age
 From **18 years** old to **45 years** old

Gender
 Female

Phase
 2-3

Groups that have been masked
No information

Sample size
 Target sample size: **32**

Randomization (investigator's opinion)
 Randomized

Randomization description

Blinding (investigator's opinion)
 Not blinded

Blinding description

Placebo
 Used

Assignment
 Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethic Committee of Iran University of Medical science

Street address

Iran University of Medical Sciences, Hemat Highway
 next to Milad Tower

City

Tehran

Postal code

Approval date

2017-06-21, 1396/03/31

Ethics committee reference number

IR.IUMS.REC 1396.29814

Health conditions studied

1

Description of health condition studied

Endometriosis

ICD-10 code

N80

ICD-10 code description

Endometriosis

Primary outcomes

1

Description

Pain

Timepoint

24 hour- 48 hour-72 hour-1 week-1 month- 3 months- 6 months

Method of measurement

ODI Questionear

Secondary outcomes

empty

Intervention groups

1

Description

Patients are referred to the pain department of Rasoul-e-Akram Hospital for intervention , For the block of the upper hypogastric network, after taking the history and physical examination and Assessing the graphs, the patient's lab tests and the reason for the operation, the expected consequences and the patient's complications are fully explained to the patient. and the patient completes the informed consent form. The patient is lying prone and then setting up the venous route and giving the appropriate sediment with fentanyl and midazolam then taking oxygen nasal cannula and fixing vital signs. Using the fluorscope and the lateral approach of the intercostal space, we identify the fourth and fifth lumbar vertebrae and mark the midline of 7 cm on each side. , and after the local anesthetic, the needle insertion points with lidocaine 1%, the 15 cm needle with the gauge 22 under Fluorescope conduction insert from both sides and in order to ensure its proper location, after aspiration, 3 ml of the solution of the contrast agent was injected from both needle by visual inspection of the contrast material in the latral view on the anterior margin of the trunk and in the posterior, anterior aspect, in the Paramedine area, We will ensure of correct place of the needle. Then the needles will be aspirate and 10 ml of bupivacaine 25% is injected with 40 mg of triamcinolone per needle, and 2-3 hours after injection, the patient will discharge, the patient is not required to be admitted to the department.

Category

Treatment - Surgery

2

Description

In the control group, the patient receives the common drug therapy for pain control.

Category

Treatment - Drugs

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

Rasoul E Akram Hospital

Full name of responsible person

Dr.Mania Kaveh

Street address

Endometriosis Research Center, Hazrat Rasool Akram
Educational and Research Center, Niayesh Avenue,
Sattarkhan Ave, Tehran

City

Tehran

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

Vice chancellor for research, Iran University of
Medical Sciences

Full name of responsible person

Dr Seeyd KazemMalekouti

Street address

Iran University Of Medical science, side of milad
tower, Hemmat highway, Tehran

City

Tehran

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, Iran 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**

Iran University of Medical Science

Full name of responsible person

Dr. Mania Kaveh

Position

Assistant of womens Laparoscopic Fellowship

Other areas of specialty/work**Street address**

Endometriosis Research Center, Hazrat Rasool Akram
Educational and Research Center, Niayesh Avenue,
Sattarkhan Ave, Tehran

City

Tehran

Postal code**Phone**

+98 21 2562

Fax**Email**

maniakaveh@gmail.com

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

Iran University of Medical Science

Full name of responsible person

Dr. Sepideh Khodaverdi

Position

assistant professor

Other areas of specialty/work**Street address**

Endometriosis Research Center, Hazrat Rasool Akram
Educational and Research Center, Niayesh Avenue,
Sattarkhan Ave, Tehran

City

Tehran

Postal code**Phone**

+98 21 2562

Fax**Email**

sepidehkhodaverdi@yahoo.com

Web page address**Person responsible for updating data****Contact****Name of organization / entity**

Rasoul Akram Hospital

Full name of responsible person

Dr. Mania Kaveh

Position

Fellowship of minimally invasive gynecologic surgery

Other areas of specialty/work**Street address**

Endometriosis Research Center, Hazrat Rasool Akram
Educational and Research Center, Niayesh Avenue,
Sattarkhan Ave, Tehran

City

Tehran

Postal code

1445613131

Phone

+98 21 2562

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