Clinical Trial Protocol
Iranian Registry of Clinical Trials

22 Nov 2026

Effect of spinal anesthesia and ischiorectal block on post hemorrhoidectomy pain after hemorrhoidectomy grade 2 and 3

Protocol summary

Summary

The study investigates effect of spinal anesthesia and ischio rectal block on methods on the intensity of pain after Hemorrhoidectomy in patients with hemorrhoids. Sampling random- consciously planned. Data will be collected in Shohadaye ashayer hospital of Khorramabad. Inclusion criteria to study are patients in the age range 18-64 years who are candidates forelective hemorrhoidectomy surgery. Exclusion criteria of study are: hemorrhoids grade 4, high BMI or equal 30,Persons with cardiovascular disease, Persons with blood clotting problems, allergic persons to local anesthesia,Persons with ASA class 3 and 4, those taking anticoagulantsand emergency surgery. Of 70 samples, 35 of them receive spinal anesthesia and 35 of them receive ischio rectal blockon. In this study intervention is cavity block ischiorectal. Duration of study in intervention is taking the first painkiller until discharge patient from hospital - 2 to 3 days - . Collecting of Data is predicted in 6 months. The primary outcome of the study is reduce pain and taking painkiller due to using cavity block ischiorectal in hemorrhoid surgery

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015111616516N3**
Registration date: **2016-01-25, 1394/11/05**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2016-01-25, 1394/11/05

Registrant information

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Name of organization / entity

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Recruitment status

Recruitment complete

Funding source

Lorestan University of Medical Sciences, Department of Research and Technology

Expected recruitment start date

2015-08-23, 1394/06/01

Expected recruitment end date

2016-03-20, 1395/01/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of spinal anesthesia and ischiorectal block on post hemorrhoidectomy pain after hemorrhoidectomy grade 2 and 3

Public title

Effect of spinal anesthesia and ischiorectal block on post hemorrhoidectomy pain after hemorrhoidectomy grade 2 and 3

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Candidates forelective hemorrhoidssurgery - age range 18-64 years - , Hemorrhoids grade 2 and 3. Exclusion criteria:high BMI

or equal 30, Hemorrhoids grade 4, Persons with cardiovascular disease, allergic persons to local anesthesia, Persons with ASA class 3 and 4, Persons with blood clotting problems and those taking anticoagulants

Age
From **18 years** old to **64 years** old

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **70**

Randomization (investigator's opinion)
Randomized

Randomization description

Blinding (investigator's opinion)
Not blinded

Blinding description

Placebo
Not used

Assignment
Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee
Ethics committee of the University of Medical Sciences

Street address
Deputy of Research and Technology,Integrated Paradise,Lorestan University of Medical Sciences,5 km Khorramabad- Tehran,Khorramabad

City
Khorramabad

Postal code

Approval date
2015-11-03, 1394/08/12

Ethics committee reference number
lums.REC.1394.34

Health conditions studied

1

Description of health condition studied
Anesthesia

ICD-10 code
Y48.4

ICD-10 code description
Anaesthetic, unspecified

Primary outcomes

1

Description
The intensity of pain after hemorrhoid surgery

Timepoint
Duration of taking of initial analgesic , second and third day

Method of measurement
The visual analouqe scale

2

Description
Level of Complications after anesthesia

Timepoint
Duration of taking of initial analgesic , second and third day

Method of measurement
Clinical examination and history taking

Secondary outcomes

1

Description
Patient satisfaction after hemorrhoidectomy

Timepoint
After surgery until discharge

Method of measurement
Surveys from patients

2

Description
Reduction in urinary retention and constipation

Timepoint
After surgery until discharge

Method of measurement
Biographies of the patient

Intervention groups

1

Description
block ischiorectalinHemorrhoidectomyin spinal anesthesia group

Category
Other

2

Description
block ischiorectal in Hemorrhoidectomy in block ischiorectal anesthesia group

Category
Treatment - Drugs

Recruitment centers

1

Recruitment center
Name of recruitment center
Shohada Ashayer Hospital in Khorramabad
Full name of responsible person
Dr.sadegheh nadri
Street address
Department Of Anesthesiology, Shohada Ashayer Hospital, Revolution Street, Khorramabad
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Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Lorestan University of Medical Sciences
Full name of responsible person
Dr.Morovat Tahari Kalani
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Vice President for research and technology, Paradise university complex, Lorestan University of Medical Sciences, Khorramabad
City
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Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Lorestan 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

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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