

Clinical Trial Protocol

Iranian Registry of Clinical Trials

27 Jul 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

Name

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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

Iums.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 analogue 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 ischiorectal in Hemorrhoidectomy in 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

City

Khorramabad

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Lorestan University of Medical Sciences

Full name of responsible person

Dr.Morovat Tahari Kalani

Street address

Vice President for research and technology, Paradise university complex, Lorestan University of Medical Sciences, Khorramabad

City

Khorramabad

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

Contact**Name of organization / entity**

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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