

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

The effect of Lateral internal sphincterotomy in post hemorrhoidectomy pain

Protocol summary

Summary

The objective of this study is to evaluate the effect of internal sphincterotomy on the pain after open hemorrhoidectomy. Inclusion criteria are patients with third and fourth degree hemorrhoid and exclusion criteria are having anal fisher with hemorrhoid. Population of this study was 60 patients with third and fourth degree hemorrhoid, who had referred to Shaheed Rajaei hospital in 2007-2008. The intervention of this study was internal sphincterotomy. Primary outcome of this study was pain after open hemorrhoidectomy.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT138903214149N1**
Registration date: **2010-08-26, 1389/06/04**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2010-08-26, 1389/06/04

Registrant information

Name

Majid Pouya

Name of organization / entity

Faculty of Medicine, Islamic Azad University

Country

Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Islamic Azad University, Tonekabon Branch

Expected recruitment start date

2007-06-22, 1386/04/01

Expected recruitment end date

2008-06-21, 1387/04/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of Lateral internal sphincterotomy in post hemorrhoidectomy pain

Public title

The effect of Lateral internal sphincterotomy in post hemorrhoidectomy pain

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: hemorrhoid grade 3 & 4 Exclusion criteria: presence of fisher or other anorectal pathology

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **60**

Randomization (investigator's opinion)

Not randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Other

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Faculty of Medicine, Islamic Azad University,
Tonekabon Branch

Street address

Vali Abad, Islamic Azad University, Tonekabon Branch

City

Tonekabon

Postal code

Approval date

empty

Ethics committee reference number

03-15-5/7331

Health conditions studied

1

Description of health condition studied

hemorrhoid

ICD-10 code

K62

ICD-10 code description

Other diseases of anus and rectum

Primary outcomes

1

Description

post hemorrhoidectomy pain

Timepoint

1, 2, 3, 4, 5, 6 days after intervention

Method of measurement

visual analogs scale

Secondary outcomes

1

Description

bleeding after defeacation

Timepoint

1, 2, 3, 4, 5, 6, 7 days after intervention

Method of measurement

questionnaire

2

Description

urinary retention

Timepoint

1, 2, 3, 4, 5, 6 days after intervention

Method of measurement

questionnaire

Intervention groups

1

Description

Open internal sphincterotomy

Category

Treatment - Surgery

2

Description

Category

Treatment - Surgery

Recruitment centers

1

Recruitment center

Name of recruitment center

Shahid Rajaee Hospital

Full name of responsible person

Dr Samane Abedidost

Street address

Department of Surgery, Islamic Azad University,
Tonekabon Branch

City

Tonekabon

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Islamic Azad University, Tonekabon Branch

Full name of responsible person

Dr Samane Abedidost

Street address

Department of Surgery, Islamic Azad University,
Tonekabon Branch

City

Tonekabon

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

Islamic Azad University, Tonekabon Branch

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*Department of Surgery, Islamic Azad University,
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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

Dr Samane Abedidost

Position

GP

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Dr Samane Abedidost

Position

GP

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