

Clinical Trial Protocol

Iranian Registry of Clinical Trials

09 Jun 2026

COMPARISON OF “HEMORRHOIDOPEXY” WITH OPEN HEMORRHOIDECTOMY IN TERMS OF OUTCOMES

Protocol summary

Study aim

To compare the outcomes like operating time, postoperative pain and bleeding and postoperative urinary retention with both procedures

Design

RCT

Settings and conduct

Study was conducted at department of general surgery Pakistan railway hospital Rawalpindi from Jan 2023 to Dec 2023.

Participants/Inclusion and exclusion criteria

Inclusion Criteria: 1. Patients diagnosed with 3rd degree hemorrhoids. Exclusion Criteria: 1. Patients who are unfit for surgery. 2. Patients who have had previous ano-rectal surgeries. 3. Patients with 1st and 2nd degree hemorrhoids.

Intervention groups

Patients Undergoing Haemorrhoidopexy with haemorrhoidal artery ligation

Main outcome variables

Operating time Length of stay Post-operative pain at day 1 and day 7 Post-operative complications like bleeding and urinary retention

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20241220064108N1**

Registration date: **2024-12-26, 1403/10/06**

Registration timing: **retrospective**

Last update: **2024-12-26, 1403/10/06**

Update count: **0**

Registration date

2024-12-26, 1403/10/06

Registrant information

Name

Muhammad Asad

Name of organization / entity

Riphah International University Islamabad

Country

Pakistan

Phone

+92 334 8988136

Email address

m.asad@riphah.edu.pk

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2023-01-01, 1401/10/11

Expected recruitment end date

2023-12-01, 1402/09/10

Actual recruitment start date

2023-01-01, 1401/10/11

Actual recruitment end date

2023-12-01, 1402/09/10

Trial completion date

2023-12-01, 1402/09/10

Scientific title

COMPARISON OF “HEMORRHOIDOPEXY” WITH OPEN HEMORRHOIDECTOMY IN TERMS OF OUTCOMES

Public title

COMPARISON OF “HEMORRHOIDOPEXY” WITH OPEN HEMORRHOIDECTOMY IN TERMS OF OUTCOMES

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:

Patients diagnosed with 3rd degree hemorrhoids.

Exclusion criteria:

Patients who are unfit for surgery. Patients who have had previous ano-rectal surgeries. Patients with 1st and 2nd

degree hemorrhoids.

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **90**

Actual sample size reached: **90**

Randomization (investigator's opinion)

Randomized

Randomization description

Participants were randomly assigned to intervention and control groups using a computer-generated random number sequence created with Randomizer.org. The allocation sequence was developed by an independent statistician and concealed in sequentially numbered, opaque, sealed envelopes. These envelopes were opened sequentially only after participant enrollment and baseline assessments, ensuring allocation concealment

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**

Institutional review committee Islamic International
Medical college Rawalpindi Pakistan

Street address

274- Peshawar road Rawalpindi

City

Rawalpindi

Postal code

IIMC, 274- Peshawar

Approval date

2023-12-12, 1402/09/21

Ethics committee reference number

Appl. # Riphah /IRC/ 22/2096

Health conditions studied**1****Description of health condition studied**

3rd degree hemorrhoids

ICD-10 code

K64. 9

ICD-10 code description

K64. 9

Primary outcomes**1****Description**

Operating time

Timepoint

Just at completion of intervention

Method of measurement

Measure time in minutes; start time to end time

2**Description**

Length of stay

Timepoint

measured at time of discharge

Method of measurement

In days

Secondary outcomes

empty

Intervention groups**1****Description**

Intervention group: Patients undergoing
Haemorrhoidopexy with haemorrhoidal artery ligation

Category

Treatment - Surgery

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

Pakistan Railway Hospital rawalpindi

Full name of responsible person

Dr Muhammad Asad

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Carriage factory road dhok hassu rawalpindi

City

Rawalpindi

Postal code

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Phone

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Email

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Sponsors / Funding sources

m.asad@riphah.edu.pk

1

Sponsor

Name of organization / entity

No grant taken

Full name of responsible person

NA

Street address

NA

City

Rawalpindi

Postal code

NA

Phone

+92 334 8988136

Email

m.asad@riphah.edu.pk

Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

No

Title of funding source

NA

Proportion provided by this source

1

Public or private sector

Private

Domestic or foreign origin

Domestic

Category of foreign source of funding

empty

Country of origin**Type of organization providing the funding**

Other

Person responsible for general inquiries

Contact**Name of organization / entity**

Islamic International Medical College rawalpindi

Full name of responsible person

Muhammad Asad

Position

Assistant Professor

Latest degree

Specialist

Other areas of specialty/work

General Surgery

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Email

Person responsible for scientific inquiries

Contact**Name of organization / entity**

Islamic International Medical College rawalpindi

Full name of responsible person

Muhammad Asad

Position

Assistant Professor

Latest degree

Specialist

Other areas of specialty/work

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Person responsible for updating data

Contact**Name of organization / entity**

Islamic International Medical College rawalpindi

Full name of responsible person

Muhammad Asad

Position

Assistant Professor

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General Surgery

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Sharing plan

Deidentified Individual Participant Data Set (IPD)

No - There is not a plan to make this available

Justification/reason for indecision/not sharing IPD

Patient data is confidential and meant only for this study

Study Protocol

Undecided - It is not yet known if there will be a plan to make this available

Statistical Analysis Plan

Not applicable

Informed Consent Form

Undecided - It is not yet known if there will be a plan to make this available

Clinical Study Report

Not applicable

Analytic Code

Not applicable

Data Dictionary

Not applicable