Clinical Trial Protocol
Iranian Registry of Clinical Trials

22 Nov 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
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Pakistan
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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

Street address
Carriage factory road dhok hassu rawalpindi

City
Rawalpindi

Postal code
000

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Email
m.asad@riphah.edu.pk

Sponsors / Funding sources

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
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Person responsible for updating data

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Other areas of specialty/work
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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