



Rectal Cancer Surgeries in Public Sector Hospital: Our Experience & Lessons Learnt



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INTRODUCTION

- Colorectal surgery outcomes are better when performed by dedicated surgeons at dedicated centers
- No established colorectal service exists in any public sector hospitals in Lahore, Pakistan.
- Since 2022 we started a dedicated Colorectal Service at Services Hospital Lahore.

METHODS

- All cases from May 2018 to Jul 2025 were included also including data from LGH.
- Patient demographics, area of presentation (Emergency, Elective), type of surgery with complications, adjuvant or neo-adjuvant treatment were all recorded.
- Patients were followed up for post op complications and early oncological outcomes.

RESULTS

247 colorectal patients

Demographics	Lap	Open
Median Age	48	50
Gender		
Male	1	1
Female	2	3
Stage		
Stage 2	12	13
Stage 3	30	50
Duration		
Operative time	228m±20	180m±20
Hospital Stay	5 ±3d	8 ±3d

105 Rectal Ca patients

Open	63
Lap	42
Operations performed	
Anterior Resection	10
APR	15
ELAPE	04
Hartmans	00
Pan proctocolectomy	01
Pelvic Exenterations	00

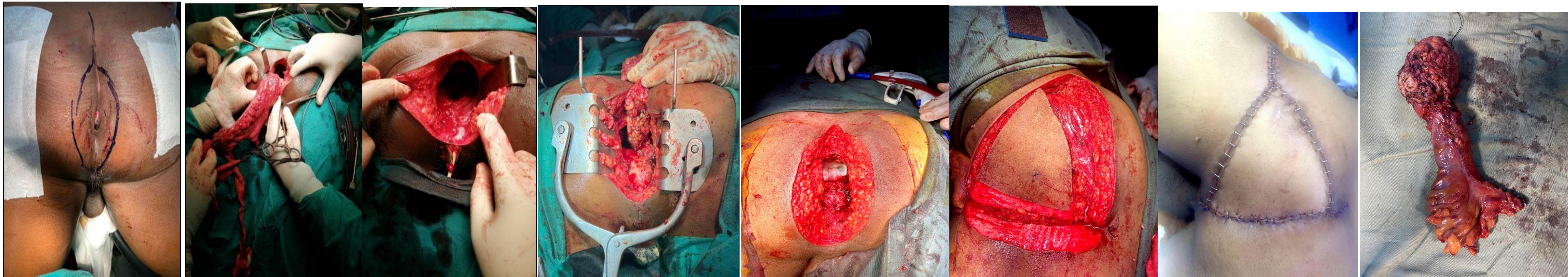
Median Age 48 years

Male 80 : Female 25

Oncological Outcomes	Lap	Open
Positive margin (prox/distal)	1	1
Positive CRM	2	3
Median LNs retrieved	12	13
Complications	Lap	Open
SSI	1	11
Anastomotic Leak	1	3
ICU admission / Death	0	1

RESECTED SPECIMENS

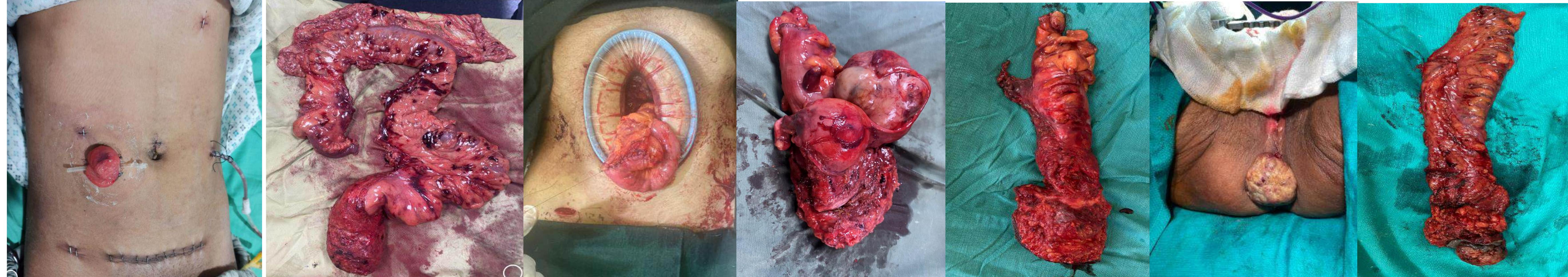
Laparoscopic Extra Levator Abdominoperineal Excision



Laparoscopic ELAPE with Gluteal Flap Reconstruction



Laparoscopic Pan-proctocolectomy with IPAA



Pelvic exenteration

Melanoma rectum

CONCLUSION

- A need for a dedicated service for colorectal cancers in public sector hospitals in a lower middle-income country
- Our aim is to make SHL a referral & training center for colorectal surgery.

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