



# 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

105 Rectal Ca patients

Median Age 48 years

Male 80 : Female 25

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

Open	63
Lap	42

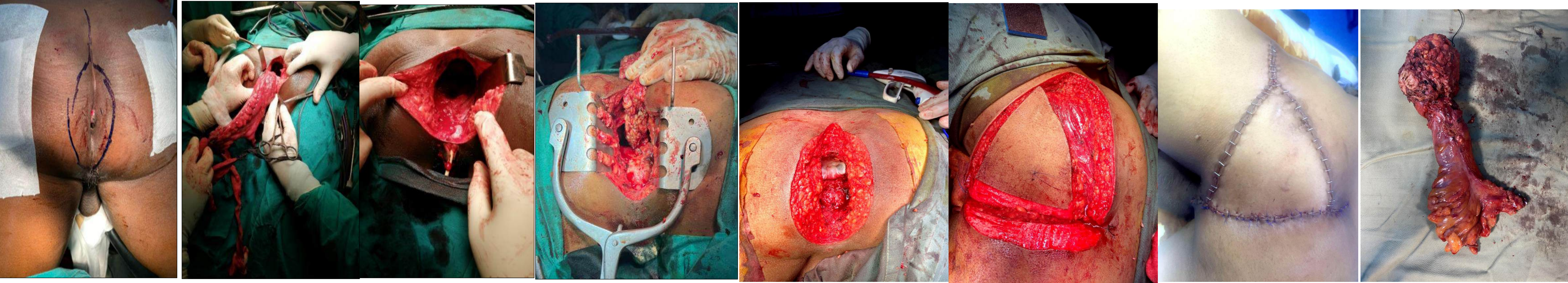
Operations performed	Lap	Open
Anterior Resection	10	29
APR	15	20
ELAPE	04	10
Hartmans	00	12
Pan proctocolectomy	01	03
Pelvic Exenterations	00	04

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

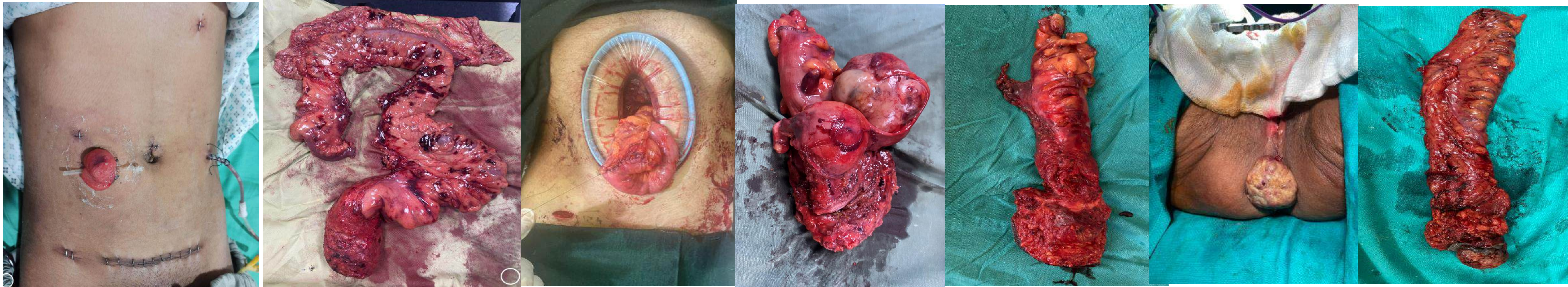
Laparoscopic ELAPE with Gluteal Flap Reconstruction



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.

### REFERENCES

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