

SHORT AND LONG-TERM OMPLICATIONS OF PELVIC LYMPHADENECTOMY: A RETROSPECTIVE ANALYSIS OF 70 CASES

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Introduction

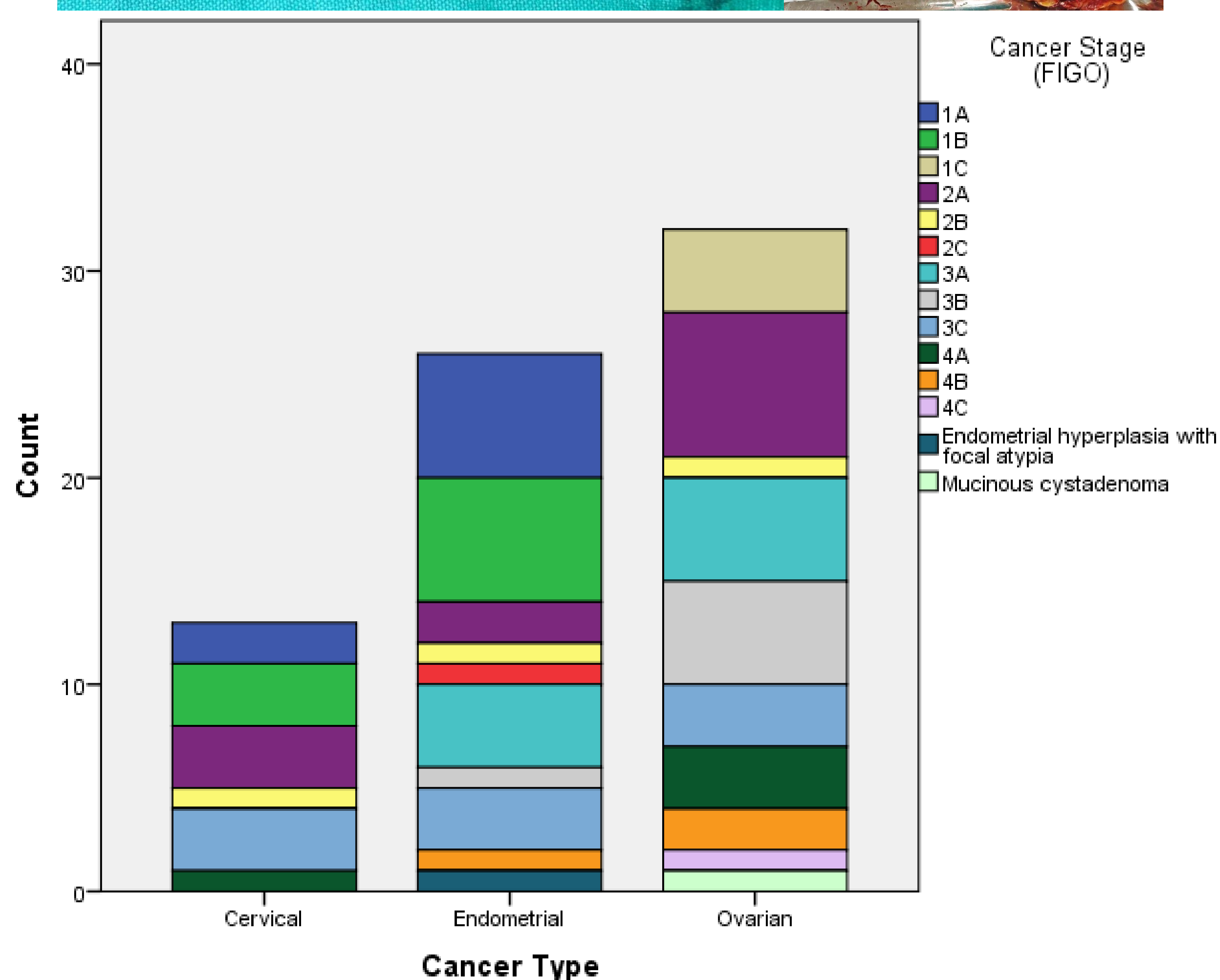
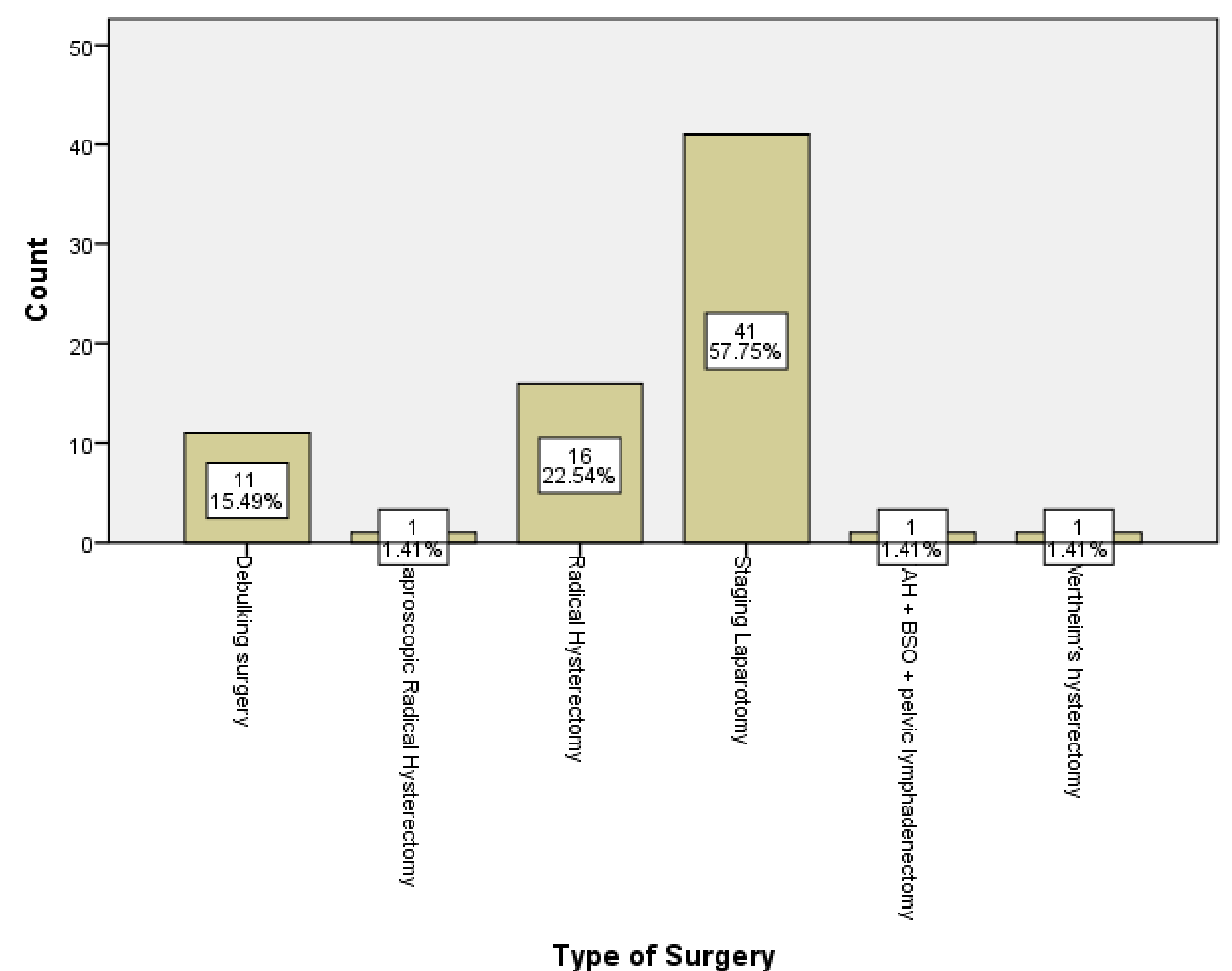
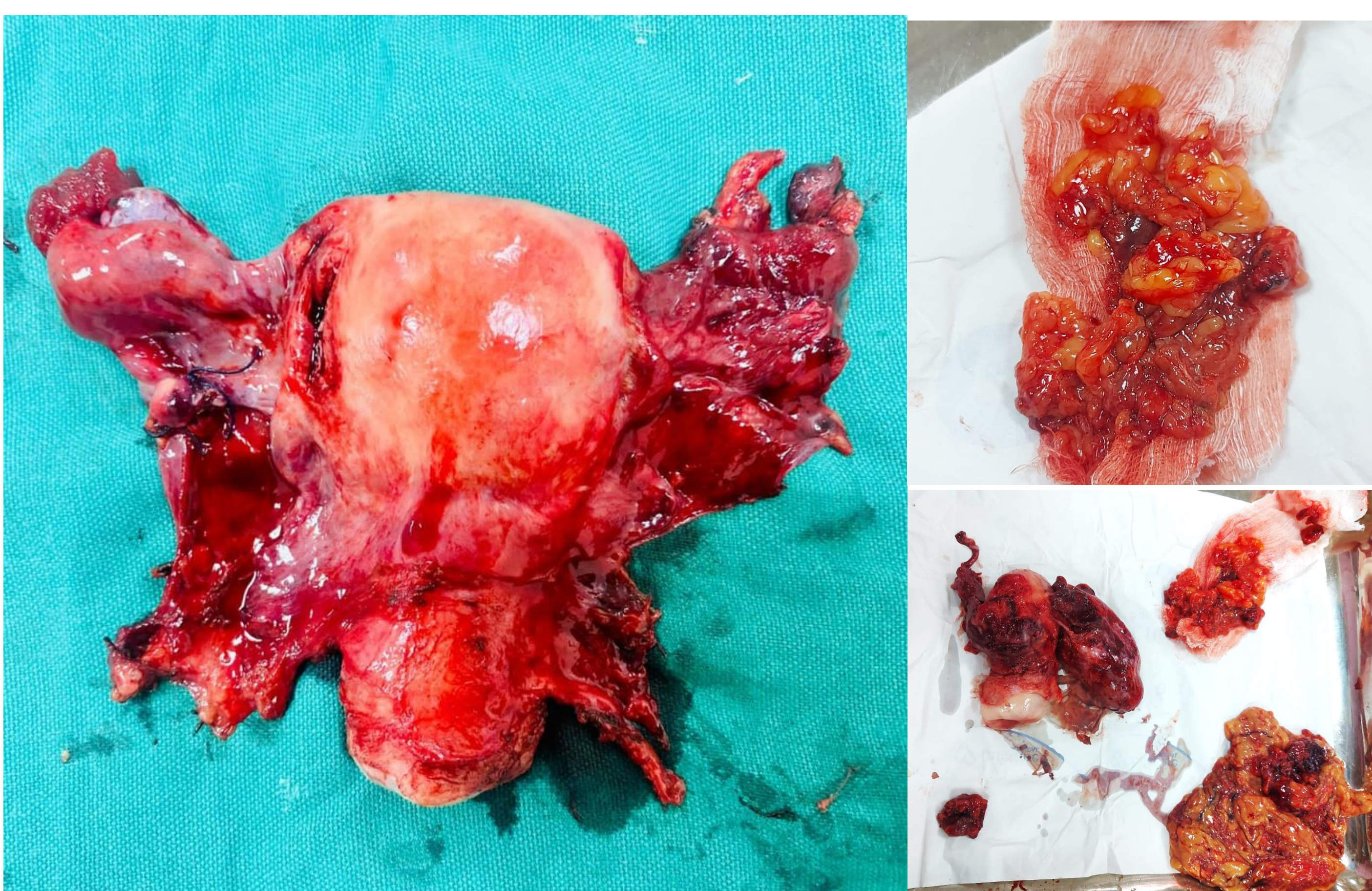
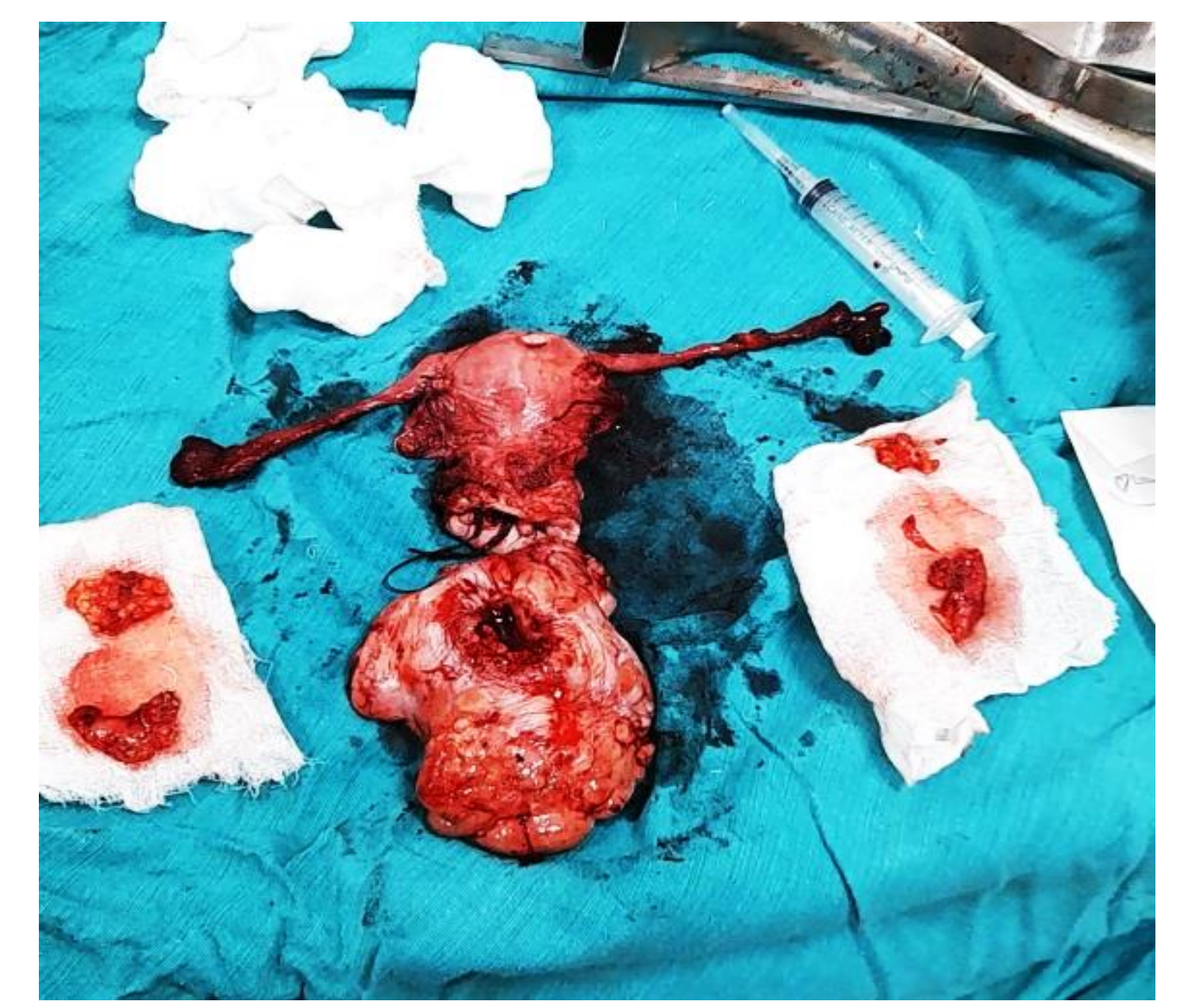
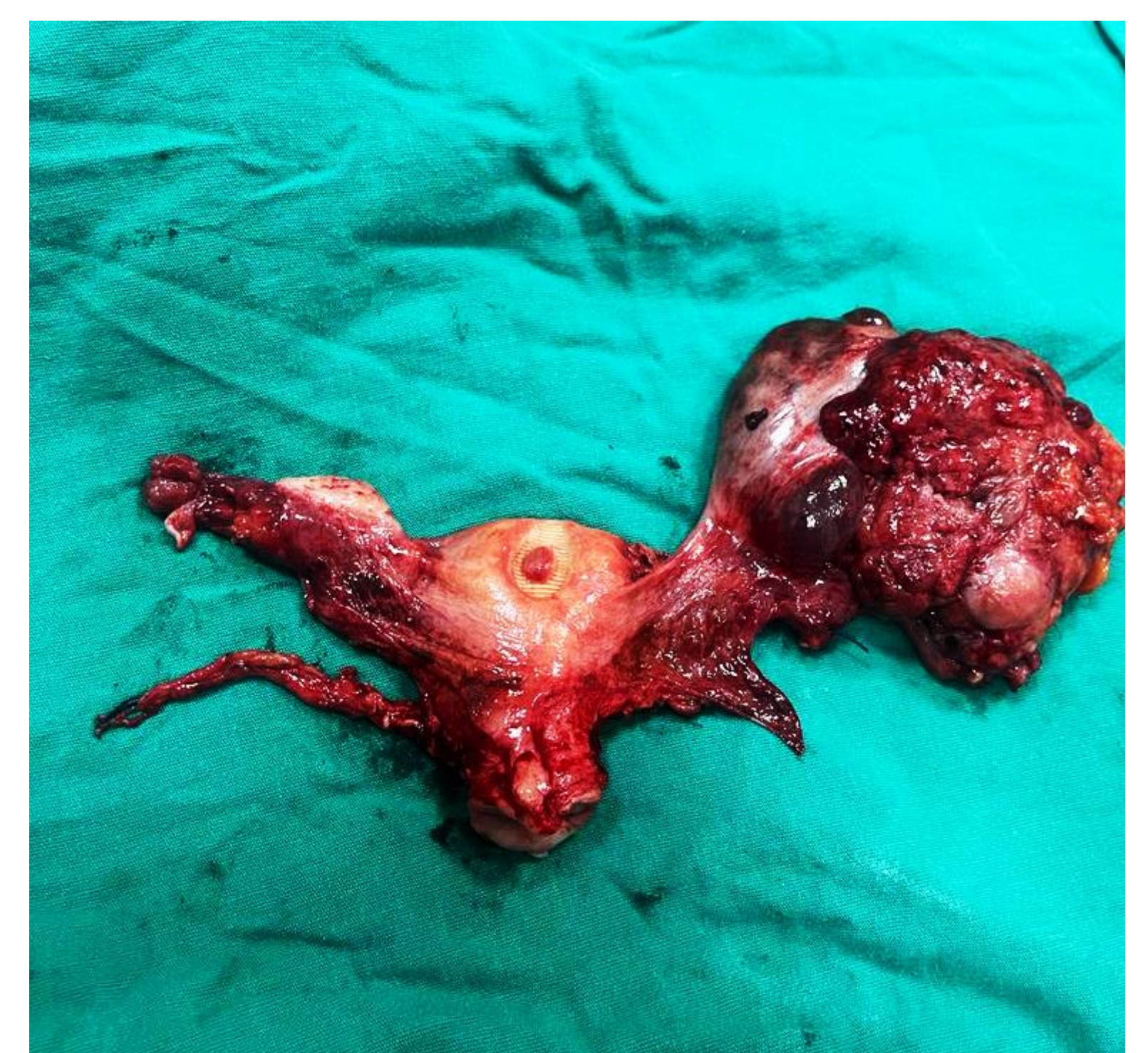
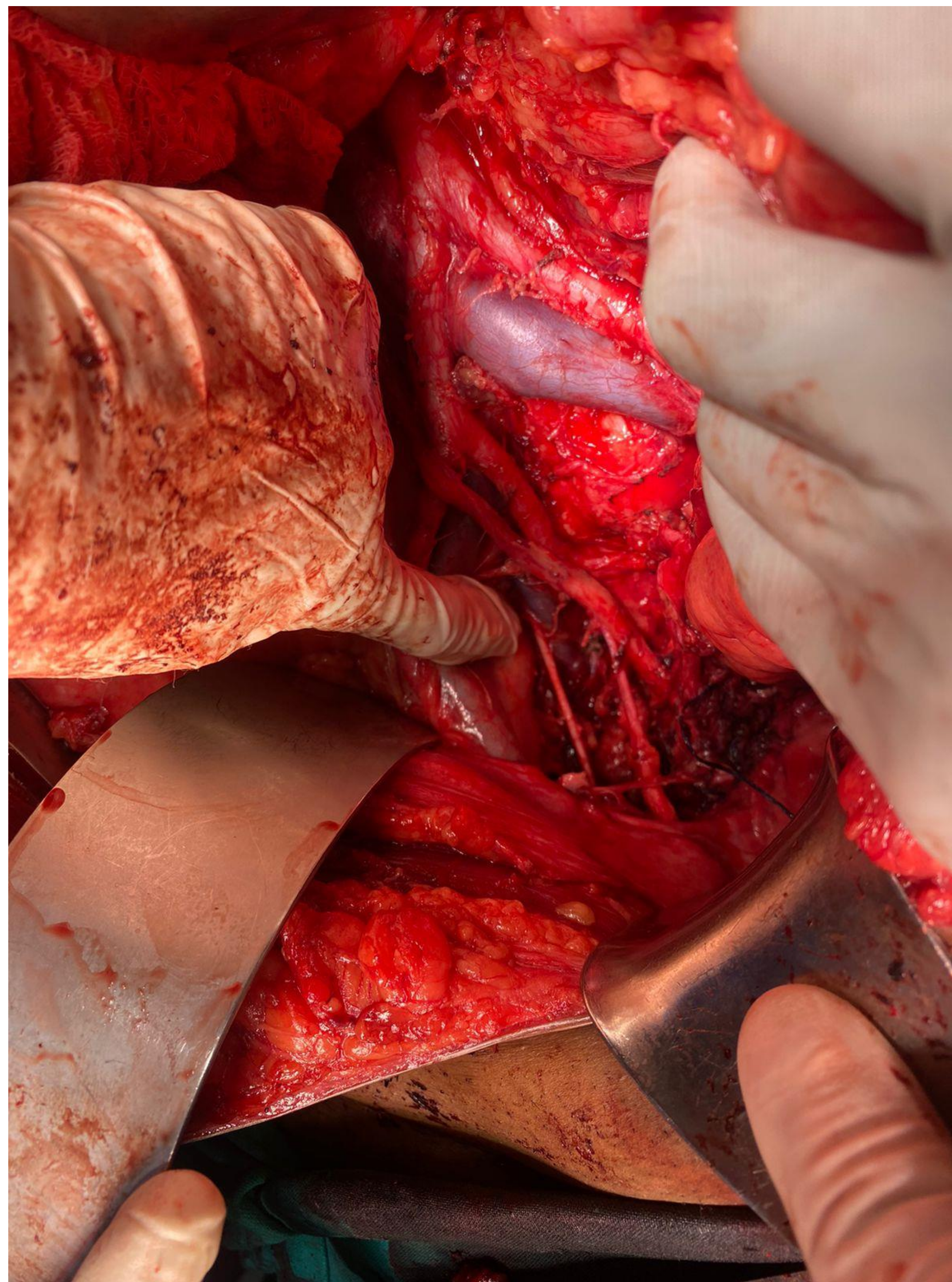
- Pelvic lymphadenectomy is a standard procedure in the surgical management of gynecological cancers, including ovarian, endometrial and cervical cancers.[1]
- It is crucial for accurate staging and therapeutic decision making. However, the procedure is associated with significant short term and long-term complications that can impact patient's quality of life and survival outcomes.[2]
- Previous studies have explored complications of pelvic lymphadenectomy but there is limited data from Punjab Pakistan on the specific outcomes and risk factors in this patient population.[3]
- This study aims to fill this gap by analyzing the surgical outcomes and complications in 70 patients who underwent pelvic lymphadenectomy for gynecological cancers at Services hospital Lahore in last 2 years.

Methodology

It is a longitudinal observational study conducted in Department of Obstetrics & Gynecology unit II services hospital Lahore with sample size of 70 patients. Female patients aged 18 years or older, diagnosed with gynecological cancer (ovarian, endometrial, or cervical) who underwent pelvic lymphadenectomy as part of their surgical treatment at Services hospital Lahore between 1st March 2023 to 28th Feb 2025 having complete medical records available for review, were included in this study.

Results

16 patients had intraoperative complications including hemorrhage > 1L, gut injury, bladder/ureter injury. Infection in 15, thromboembolism in 1 patient. 2 of our patients developed Lymphedema, none had lymphocyst formation, 2 patients complained of chronic pain, none has reported recurrence. 5 patients died during follow up period.



Conclusion

Pelvic lymphadenectomy is very important procedure for surgical staging of ovarian, endometrial & cervical cancers. Its benefits outweigh the risks/complications involved, which is proved in our study.

References

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2. Proppe L, Alkatout I, Koch R, Baum S, Kotanidis C, Rody A, Hanger LC, Gits G. Impact of lymphadenectomy on short- and long-term complications in patients with endometrial cancer. Archives of Gynecology and Obstetrics. 2022 Sep;306(3):811-9.
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