

Histopathologic Analysis of Non-oncological Etiologies for Abnormal Uterine Bleeding-A Clinical Audit in a Tertiary Care Hospital, Sri Lanka.

Rajapakse M.M.1*, Abeygunawardane D.K.1, Perera A.1

1.Department of Histopathology, National Hospital, Galle, Sri Lanka.

1. Introduction

- Hysterectomy is one of the commonest gynecological surgeries done in Sri Lanka.
- It is done as a definitive treatment for various non-malignant etiopathologies including abnormal uterine bleeding (AUB).

2. Aim of the study

- Identifying the most prevalent benign, structural causes for AUB in perimenopausal women in a major tertiary care center in Sri Lanka.
- Comparison of the concordance of pre operative diagnosis with histopathological findings.

3. Methods

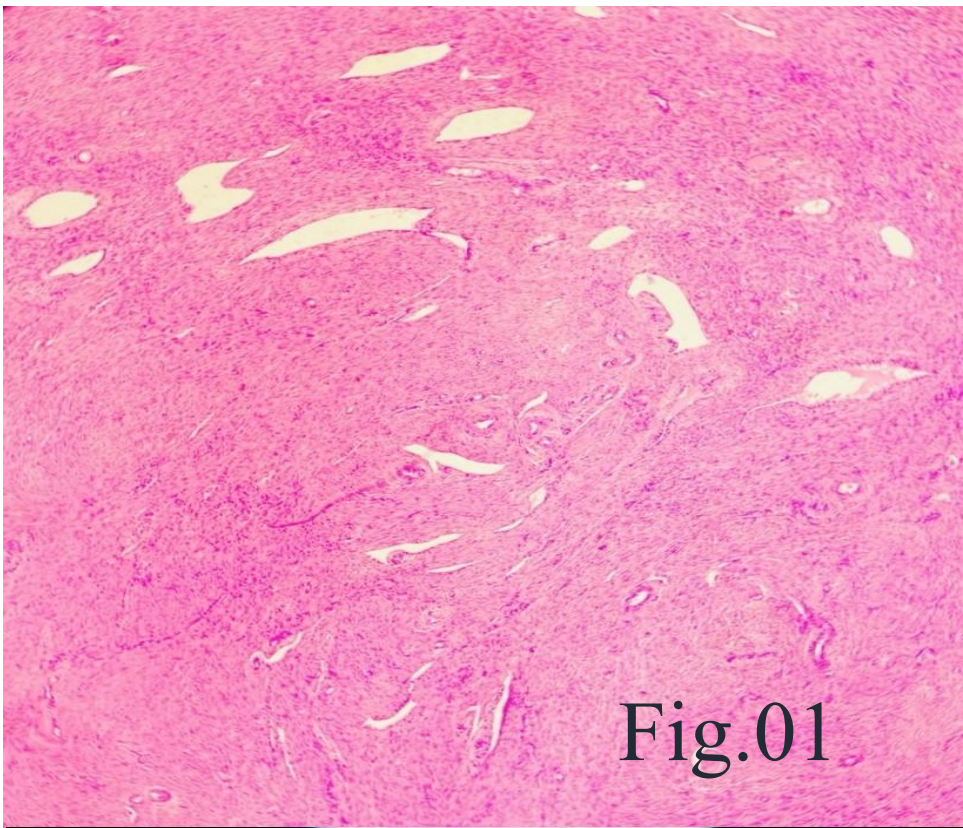
- Data of 66 hysterectomies done for non-oncological indications during 2024-2025 were utilized.
- data were extracted from the from virtual archives and request forms.

4. Results

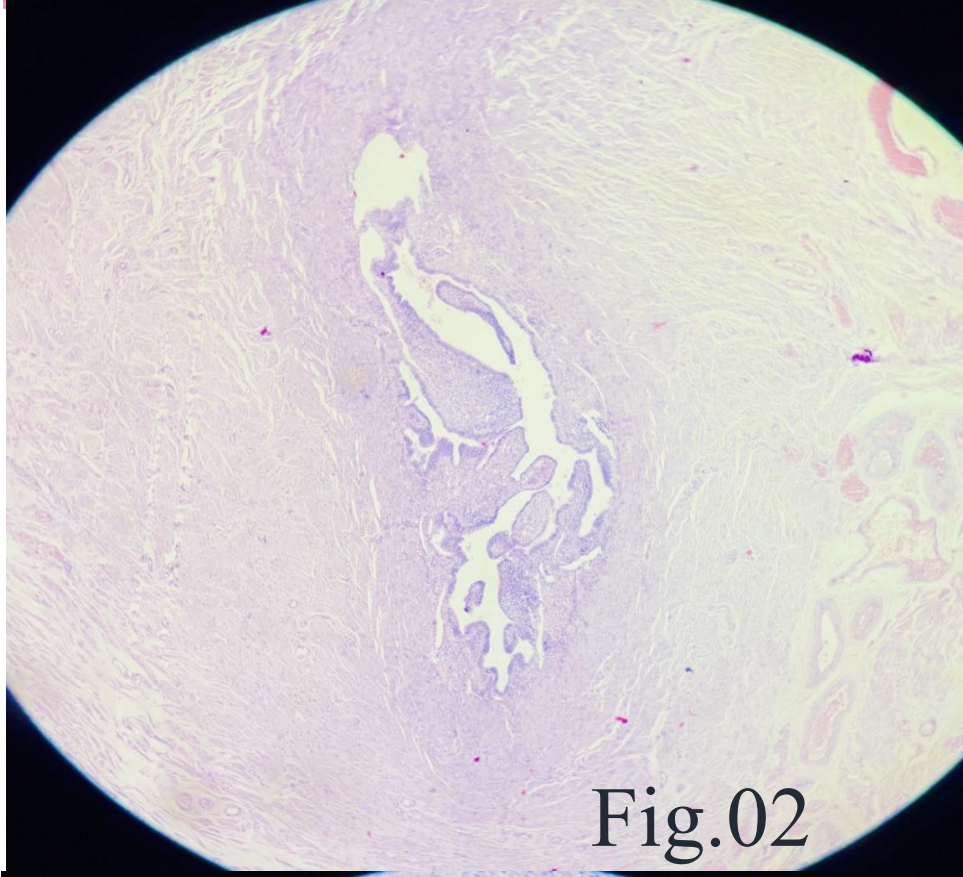
Observed Pathology	Numbers (n) and percentages
Single or multiple leiomyomas (Fig.01)	45% (n=30)
Adenomyosis (Fig.02)	36.4% (n=24).
Endometrial or cervical polyps	9% (n=06).
Chronic cervicitis (Fig 03)	6% (n=04).
Multiple simultaneous pathologies	21.2% (n=14).

- Pre operative sonographic assessment was concordant with the histological finding in 77.3% (n=51).
- 21.21% Cases were histologically unremarkable (n=14).

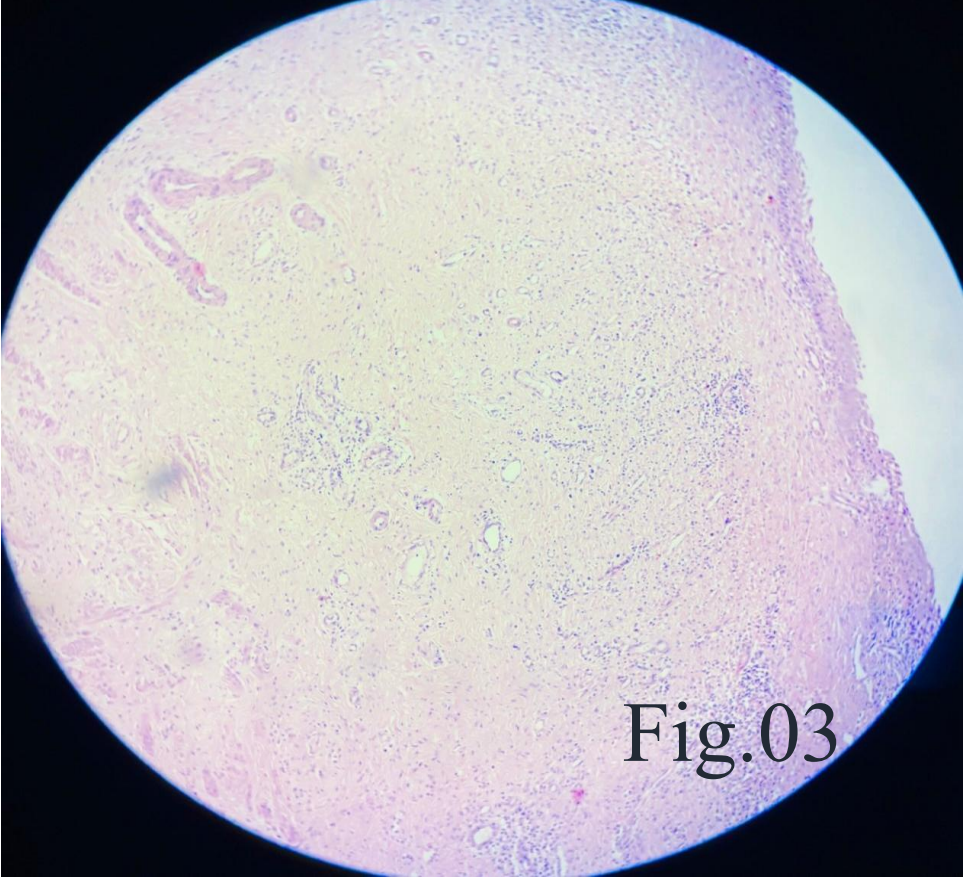
5. Microphotographs



A Leiomyoma - Intersecting fascicles of monotonous spindle cells with indistinct borders, eosinophilic cytoplasm, cigar shaped nuclei with tapered ends.



Adenomyosis- endometrial glands and stroma are seen within the myometrium



Chronic Cervicitis- A dense infiltrate of plasma cells and small lymphocytes with follicle formation in superficial cervical stroma

6. Discussion and Conclusions

- Similar to any other major surgical procedure, a hysterectomy also carries its own potential risks and complications, warranting an attempt for non-invasive management strategies initially.
- Regular audits with wider data are needed for justification and post-operative histological evaluation of the hysterectomies in the Sri Lankan context.

7. References



8. Key words

Hysterectomy, abnormal uterine bleeding. Leiomyomas, Adenomyosis, Endometrial or cervical polyps