

A Woman's Journey Through the Hysteroscopy Clinic at Fremantle Hospital and the Factors Associated with Unsuccessful Outpatient Hysteroscopy: A Retrospective Audit

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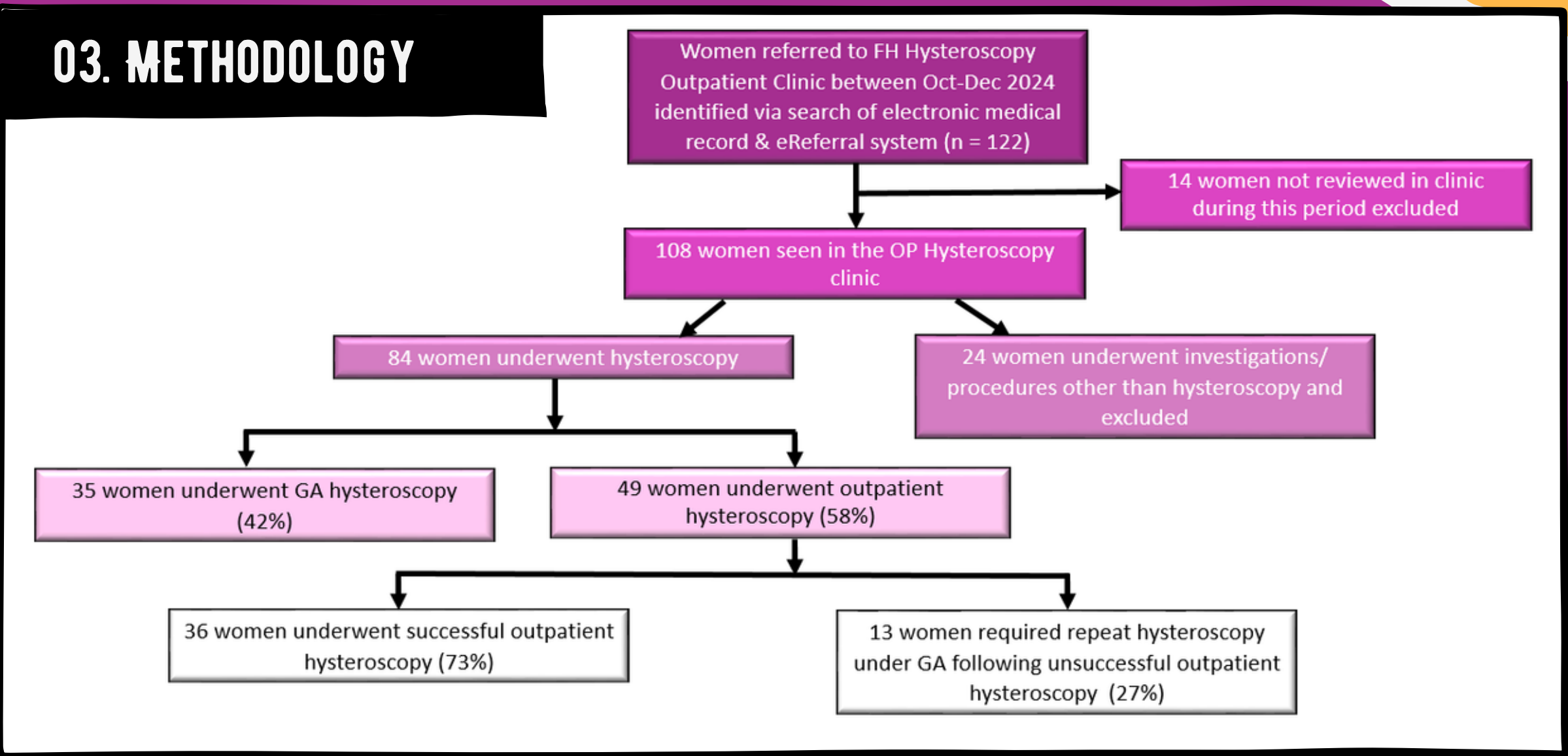
01. INTRODUCTION

- Outpatient (OP) hysteroscopy offers a safe, effective and resource-efficient approach to the investigation of several common gynaecological presentations including post menopausal bleeding, abnormal uterine bleeding, and thickened endometrium.
- During a woman's OP hysteroscopy appointment at Fremantle Hospital, a comprehensive medical history and physical examination is completed before hysteroscopy - either as an outpatient procedure or inpatient procedure under general anaesthesia (GA) - is offered.
- Despite high success rates, a proportion of OP hysteroscopies is unsuccessful and require repeat inpatient hysteroscopy under GA.

02. AIM

To identify patient and procedural factors associated with unsuccessful OP hysteroscopy among women referred to the OP Hysteroscopy Clinic at Fremantle Hospital between October and December 2024.

03. METHODOLOGY



04. RESULTS

Table 1: Average age and BMI of women reviewed in the OP Hysteroscopy Clinic at Fremantle Hospital

	All women reviewed in clinic	Woman who underwent GA hysteroscopy	Women who underwent successful OP hysteroscopy	Woman who underwent GA hysteroscopy after unsuccessful OP hysteroscopy
Average Age	56y 10m	56y 8m	57y 5m	60y 2m
Average BMI (kg.m ⁻²)	30.25	31.20	30.23	32.18

Top 3 Indications for Referral to the OP Hysteroscopy Clinic

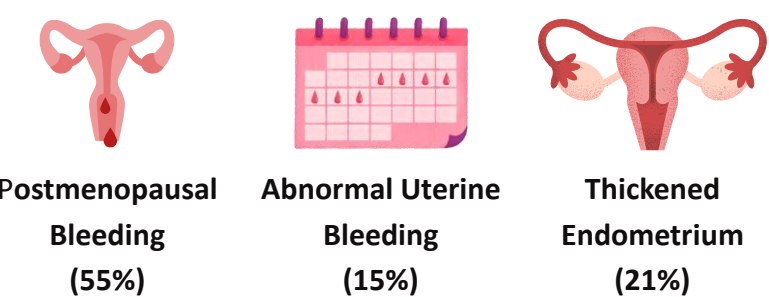


Figure 1: Documented reason for GA Hysteroscopy

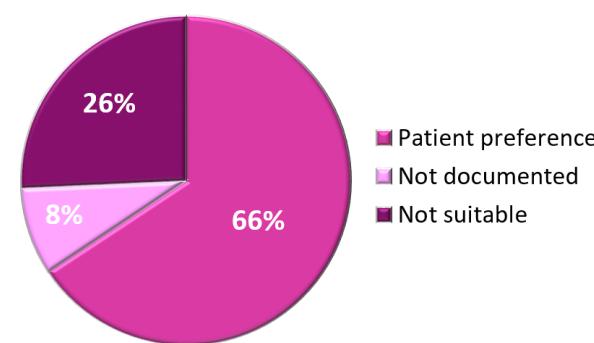


Figure 2: Documented reason for unsuccessful OP hysteroscopy

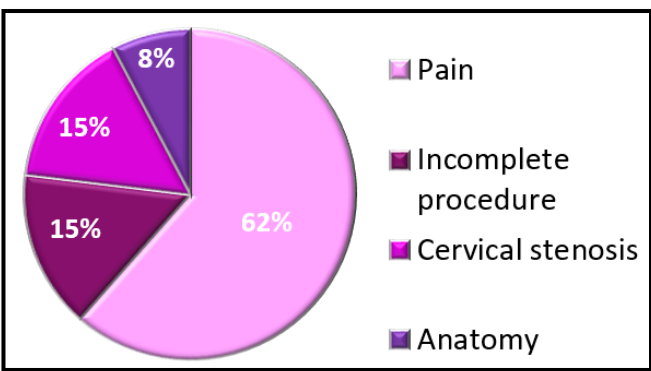
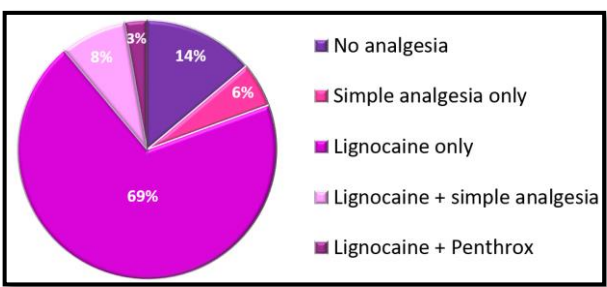


Figure 3: Analgesia utilized by women who underwent successful OP hysteroscopy



Histopathology results of women who underwent successful OP hysteroscopy

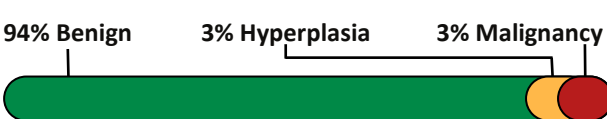
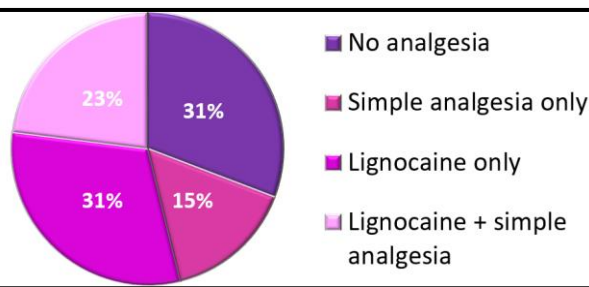


Figure 4: Analgesia utilized by women who underwent GA hysteroscopy following unsuccessful OP hysteroscopy



Outcomes of women who underwent successful OP hysteroscopy



05. CONCLUSION & FUTURE RESEARCH

- ✓ Age and BMI were relatively similar across study groups.
- ✓ Most of the histopathology was benign and allowed for expedited care and prompt reassurance for women.
- ✓ Pain and patient preference were the main factors affecting successful outpatient hysteroscopy.
- ✓ Optimising pain management remains fundamental to improving outpatient hysteroscopy success rates.
- 💡 Patient counselling and expectation management may influence procedural success by reducing anxiety and improving patient tolerance. Future audits should evaluate the impact of these factors on the success rates of outpatient hysteroscopy and patient satisfaction.