

Analysis of inadequate follow up after abnormal endometrial ultrasound for postmenopausal bleeding

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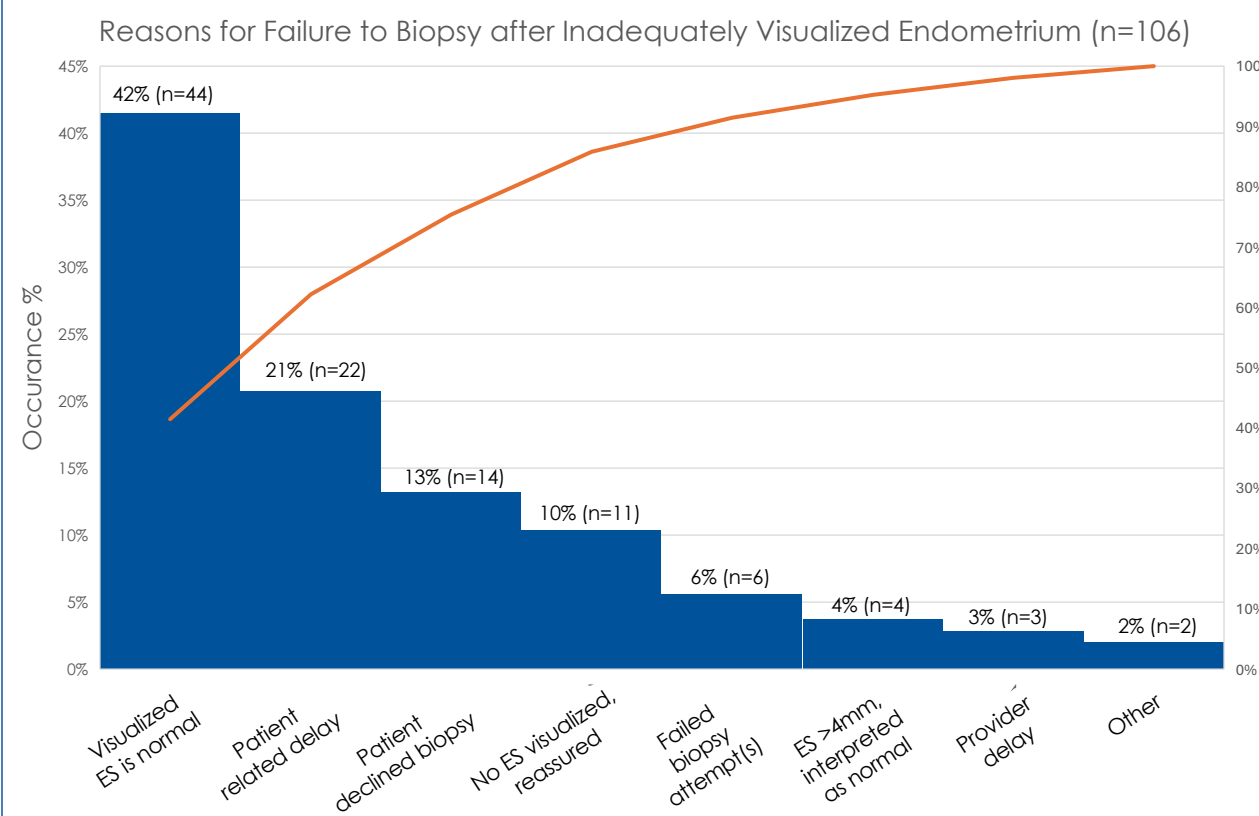
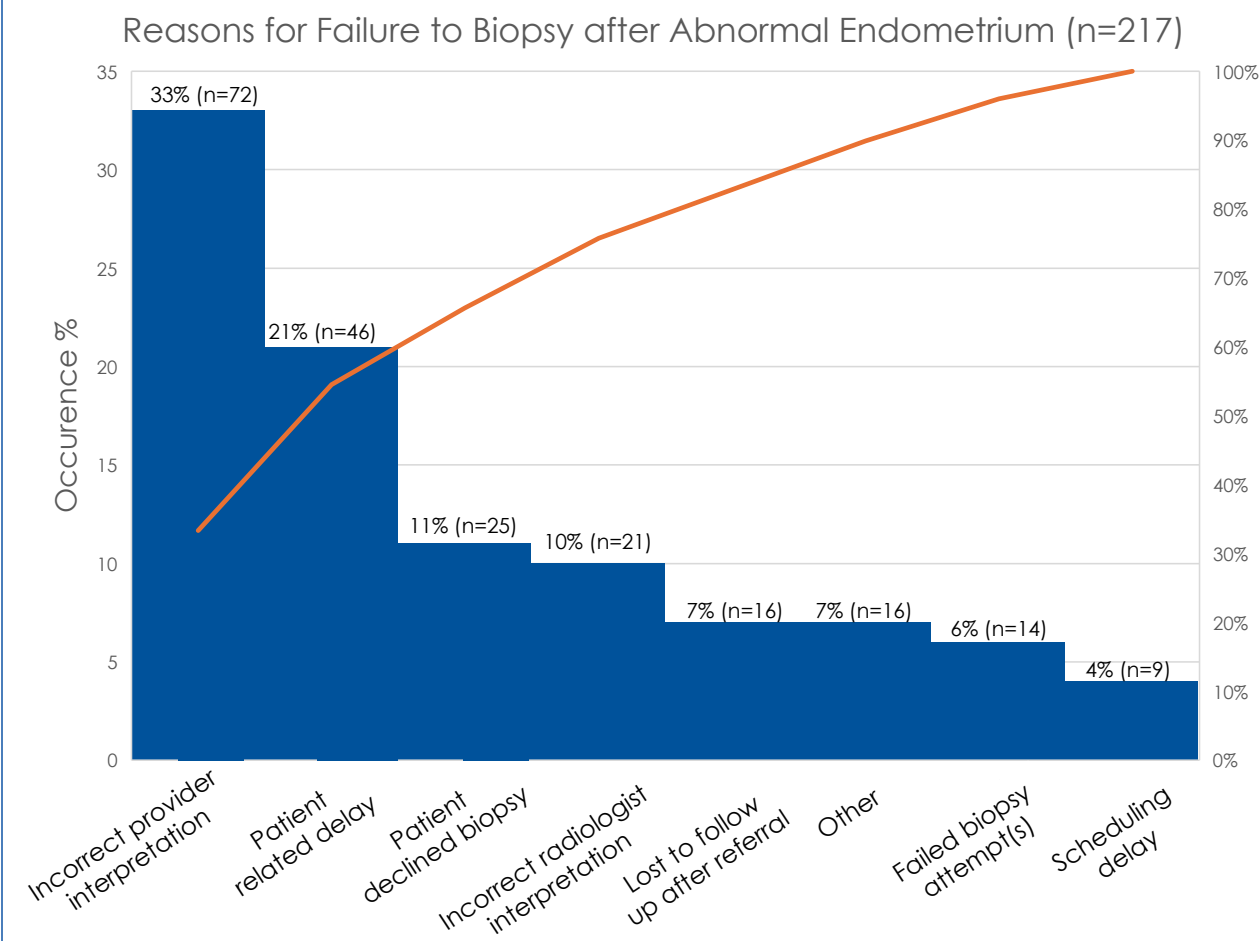
Introduction

- Postmenopausal bleeding is the most common presentation of endometrial cancer
- Per ACOG, an abnormally thickened endometrial stripe (ES) >4mm should be evaluated with tissue sampling in the setting for postmenopausal bleeding
- We assessed reasons for delayed follow up for patients whose endometrium is abnormally thickened or inadequately visualized

Methods

- Retrospective cohort study of patients with postmenopausal bleeding that received transvaginal ultrasound
- Endometrial stripe thickness was classified as:
 - Normal (≤ 4 mm),
 - Abnormal (>4 mm), or
 - Inadequate (poorly or incompletely visualized)
- Adequate follow up defined as endometrial sampling within 3 months of abnormal or inadequate ultrasound
- Pareto chart analysis to identify most common reasons for delayed/absent follow up

Results



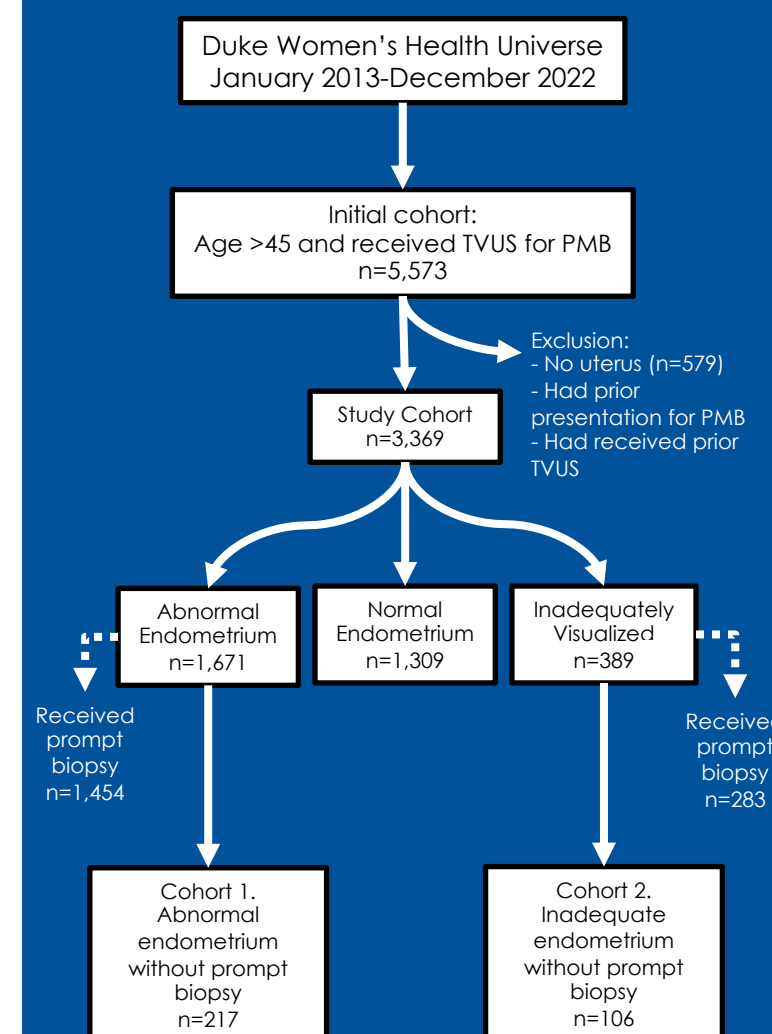
Discussion

- Provider familiarity with guidelines for management of postmenopausal bleeding could help reduce instances of inadequate follow up

Table 1: Patient demographic and clinical characteristics

	Total (N=3,369)
Age	
Mean (SD)	60.3 (8.9)
Median	58.0
Q1, Q3	54.0, 66.0
Range	(45.0-100.0)
BMI	
Mean (SD)	32.3 (8.9)
Median	30.7
Q1, Q3	25.5, 37.7
Range	(14.5-82.4)
Race	
Caucasian/White	1,889 (56.1%)
Black or African American	1,136 (33.7%)
Asian	126 (3.7%)
American Indian or Alaskan Native	7 (0.2%)
Native Hawaiian or Other Pacific Islander	2 (0.1%)
Other	95 (2.8%)
Not reported/Declined	93 (2.8%)
Two or more races	21 (0.6%)
Ethnicity	
Hispanic	177 (5.3%)
Not Hispanic/Latino	3,090 (91.7%)
Not Reported/Declined	102 (3.0%)
Insurance Status	
Private	1,979 (58.7%)
Medicare	1,107 (32.9%)
Medicaid	104 (3.1%)
Uninsured	111 (3.3%)
Unknown	68 (2.0%)

Figure 1. Clinical Cohort Flowchart



Incorrect provider interpretation of endometrial ultrasound for postmenopausal bleeding is the most common reason patients did not receive timely follow up

