

# Applications of Next Generation Sequencing in Gynecologic Pathology

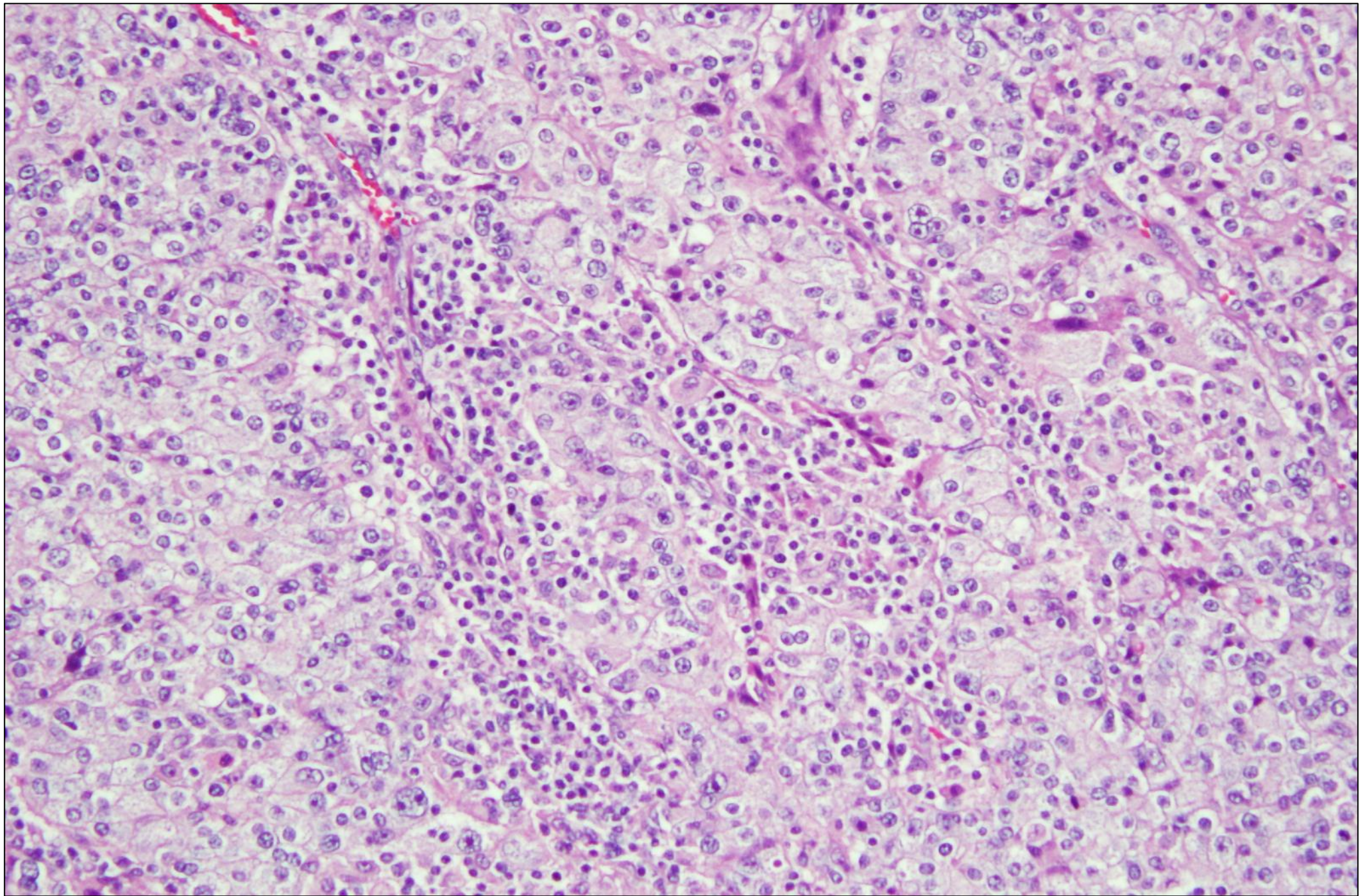
Deborah DeLair, M.D.

Associate Professor, NYU Langone Health

Director, OB/GYN Pathology

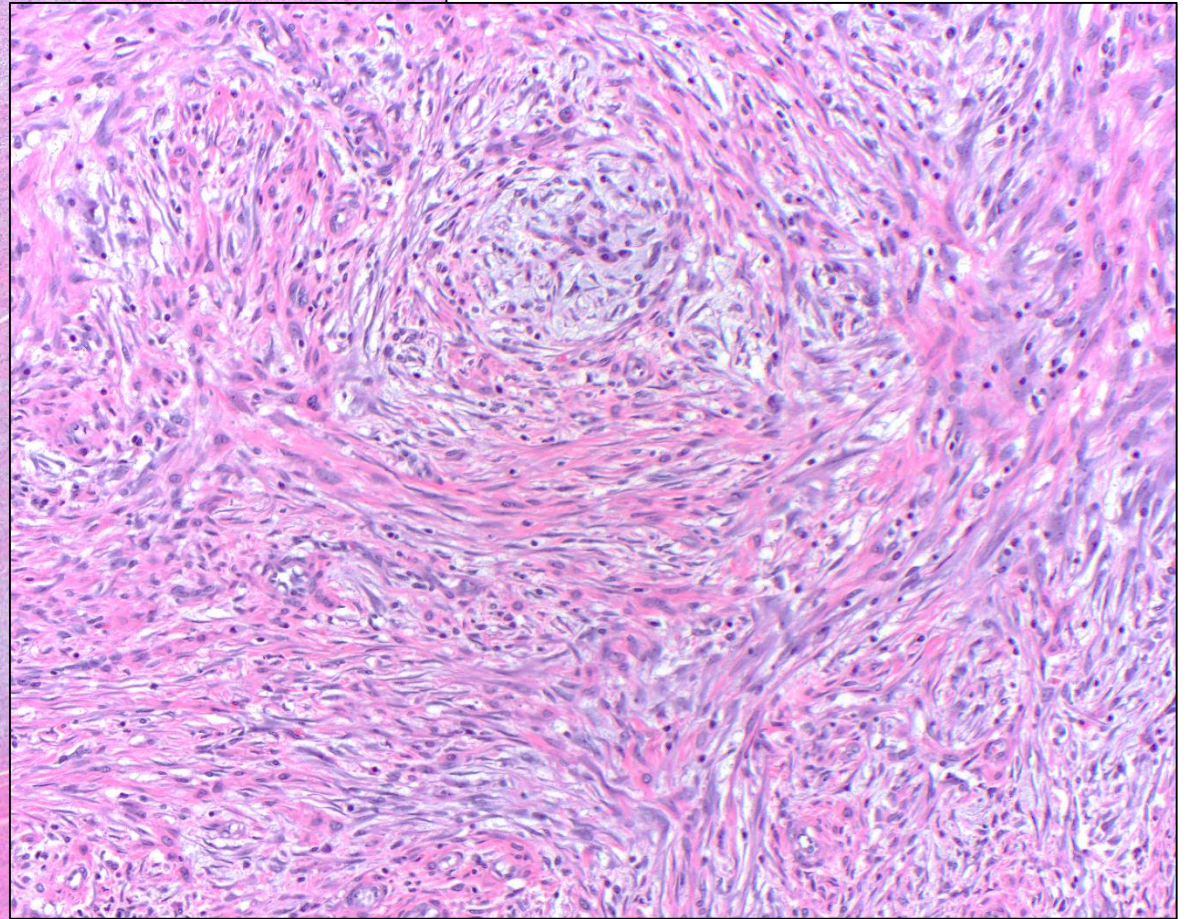
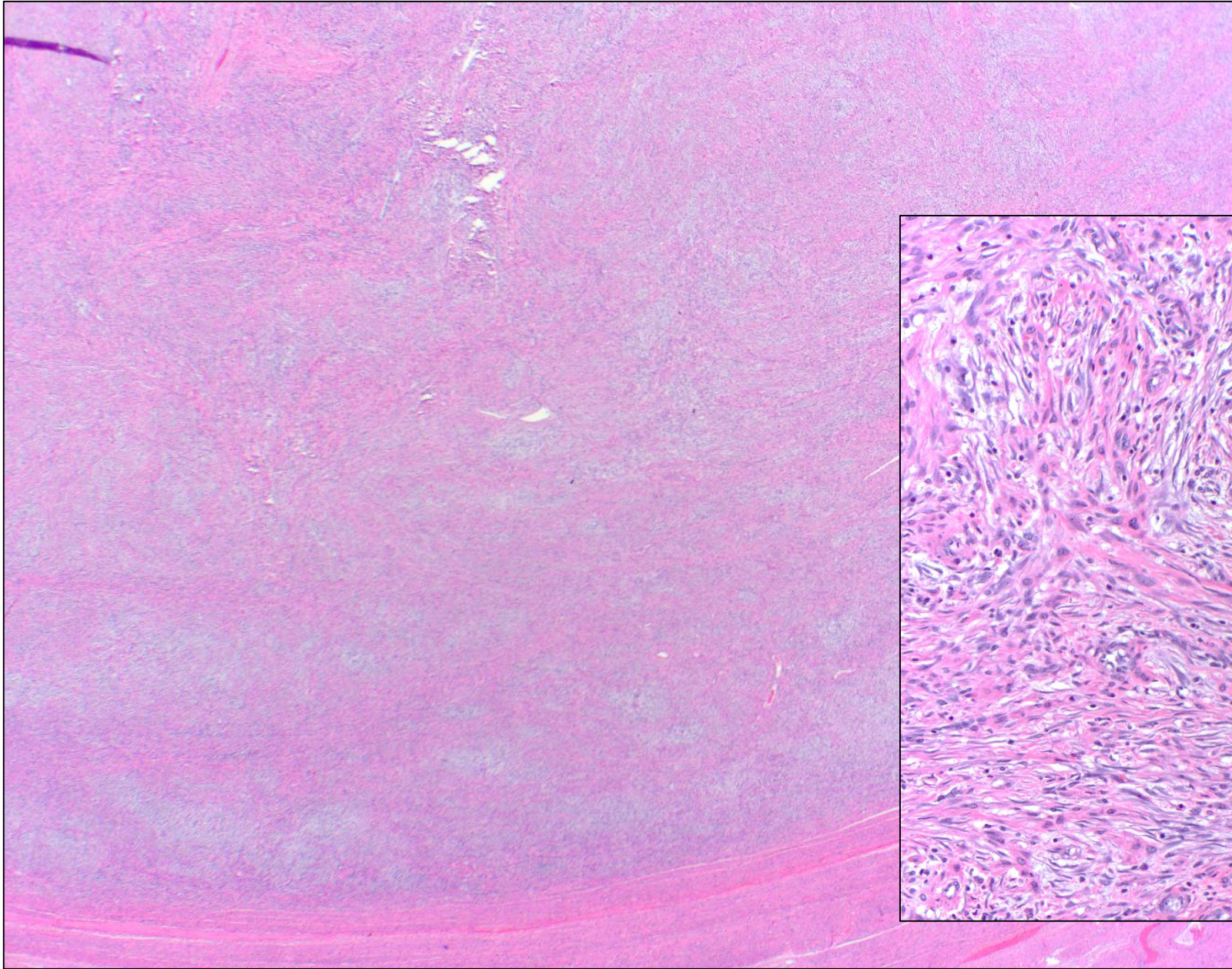
# Case 1

- 55 y/o female with abnormal uterine bleeding
- Undergoes hysterectomy for endometrial cancer



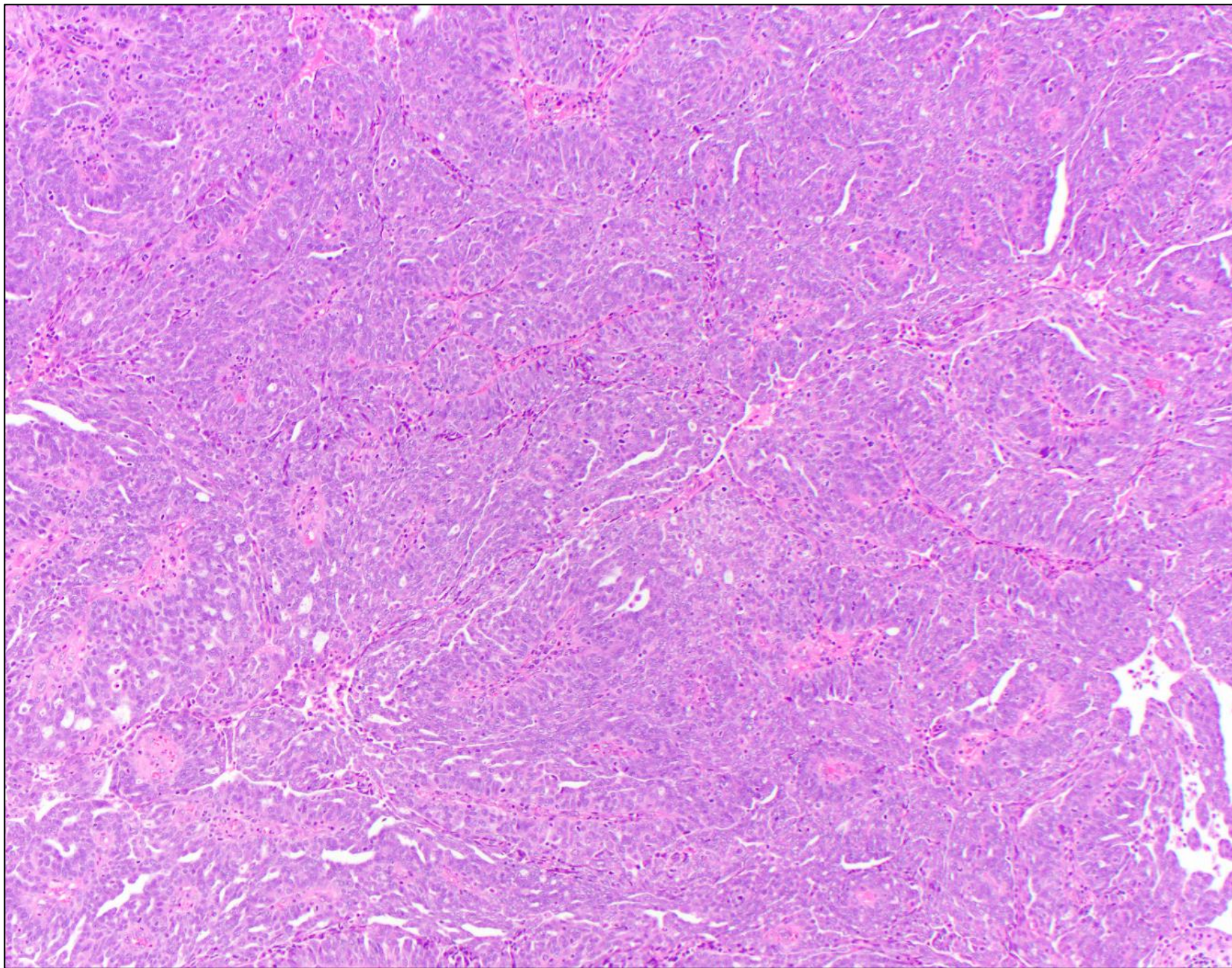
## Case 2

- 51 y/o female presents with vaginal bleeding
- Undergoes hysterectomy for “leiomyoma”



# Case 3

- 52 y/o female with history of ovarian cancer at age 46
- Presents with recurrence



# Case 4

- 28 y/o female with history of “cervical tumor” as a child
- Presents with a unilateral ovarian mass



