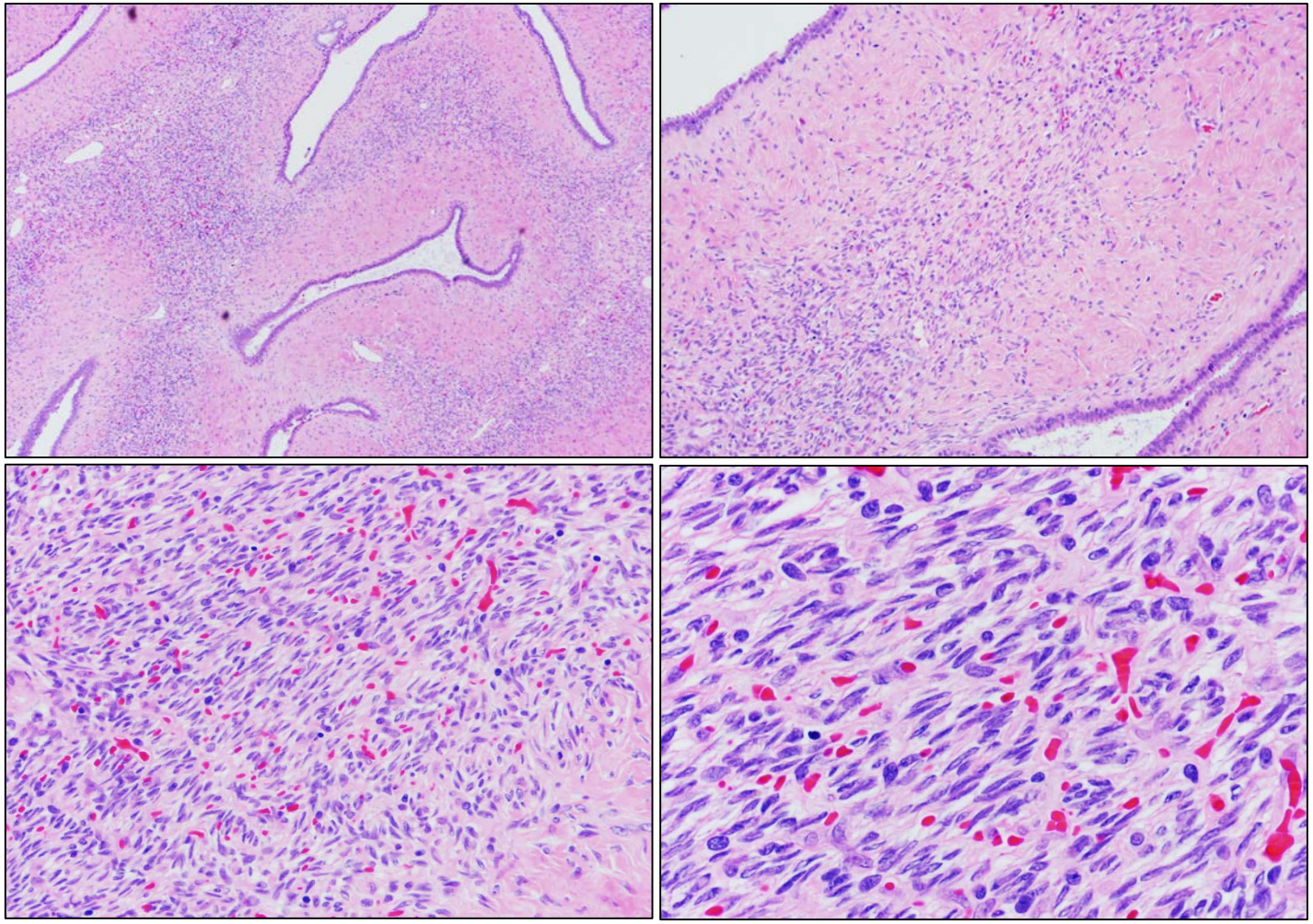
Case: 45 female breast mass



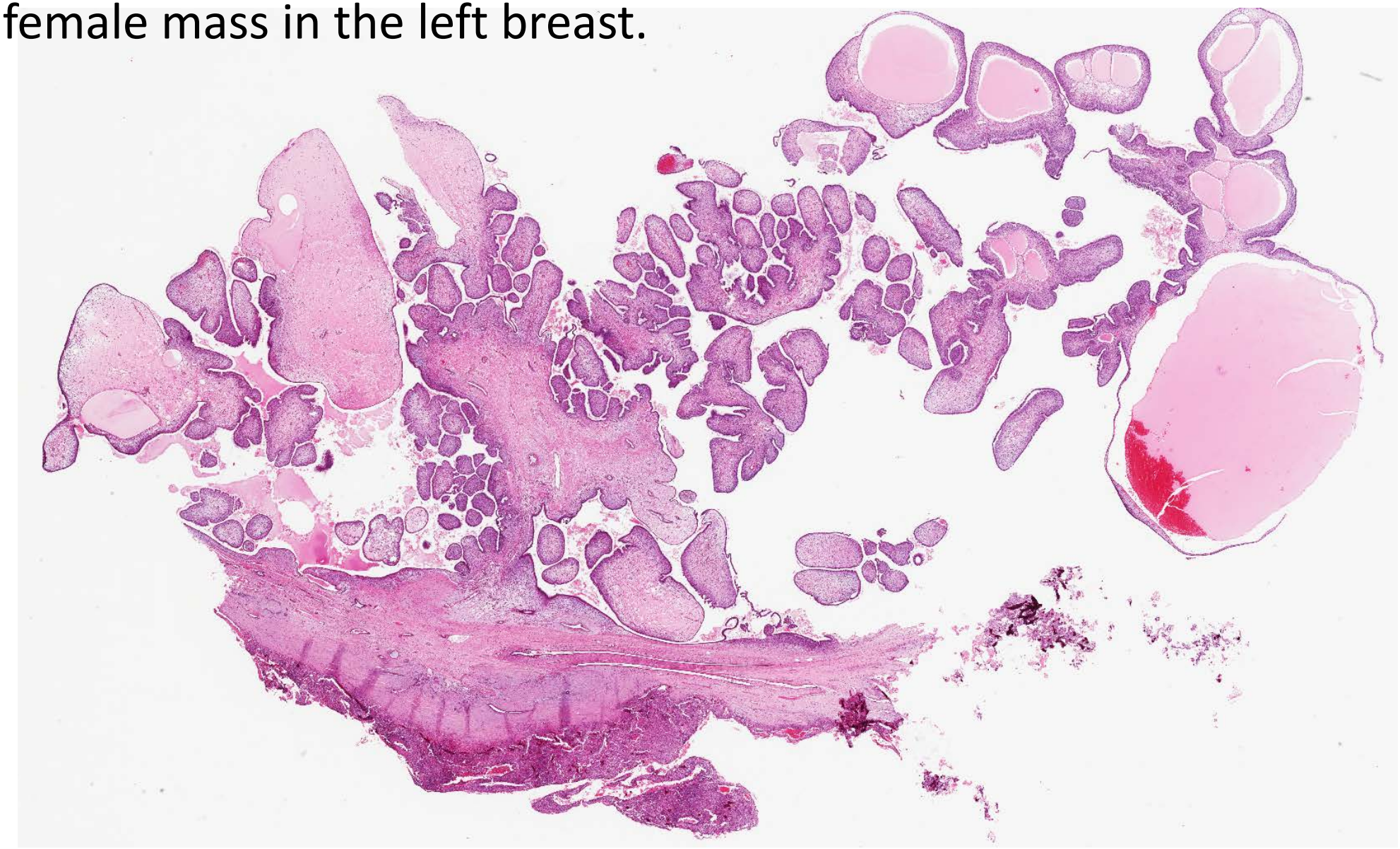
Diagnosis

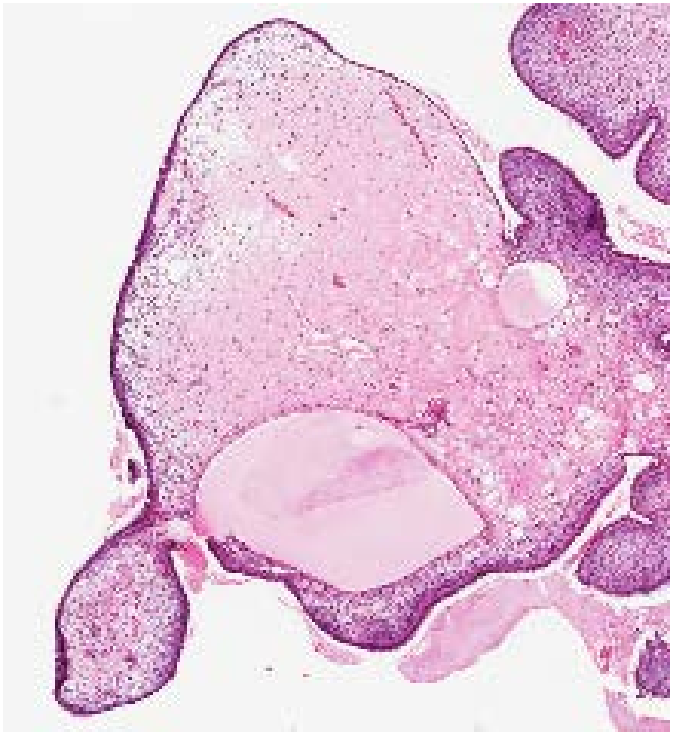
Participant diagnosis

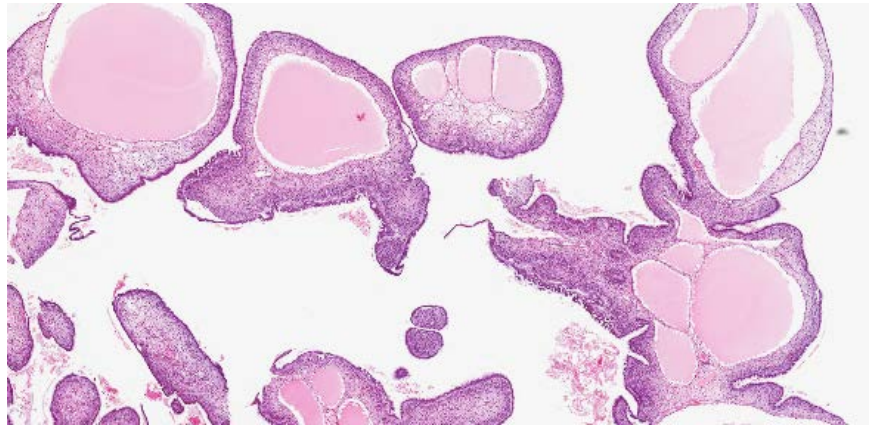
- Phylloides tumor – intermediate grade

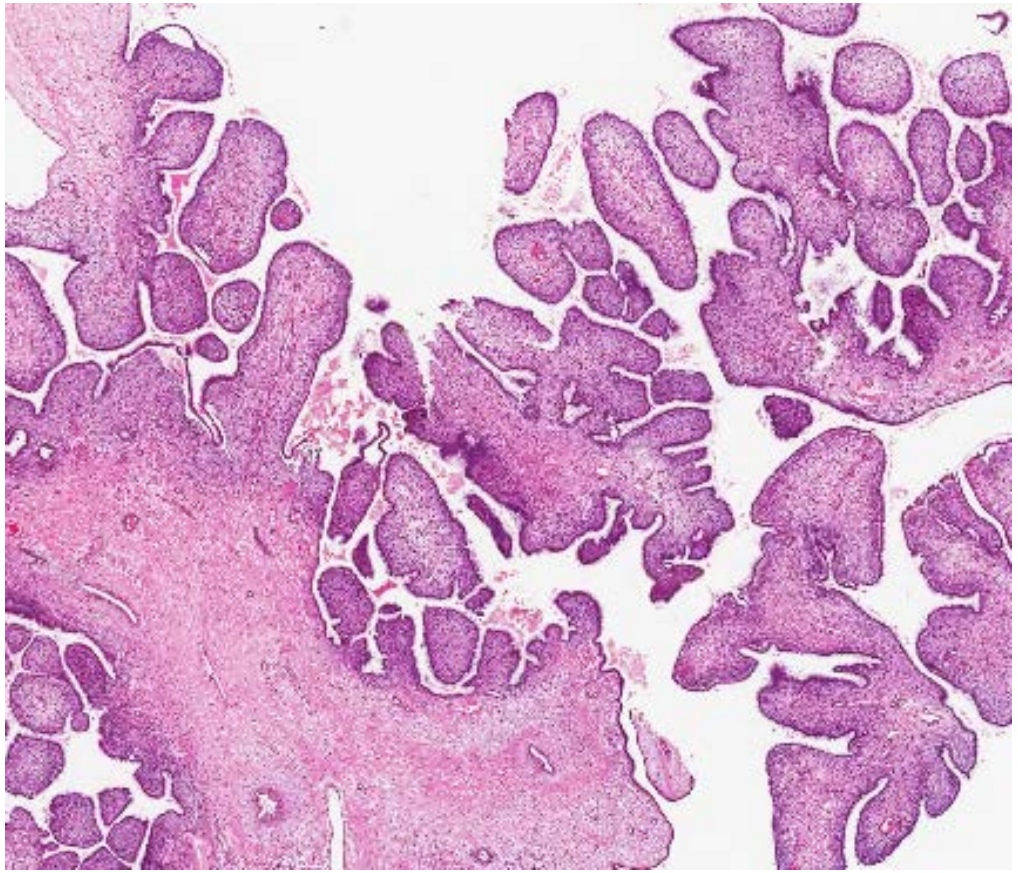
Phyllodes tumor

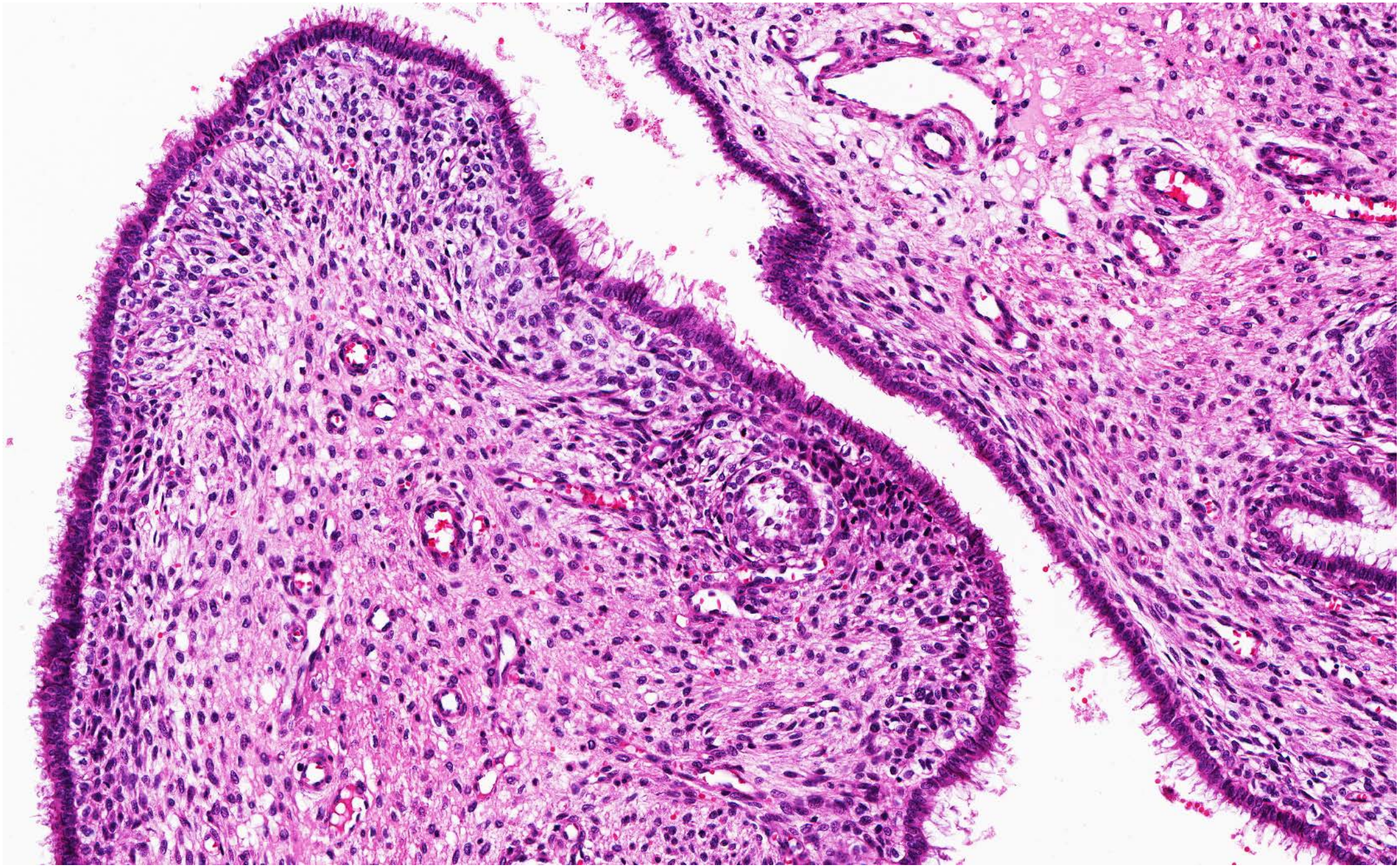
- 40 year female mass in the left breast.

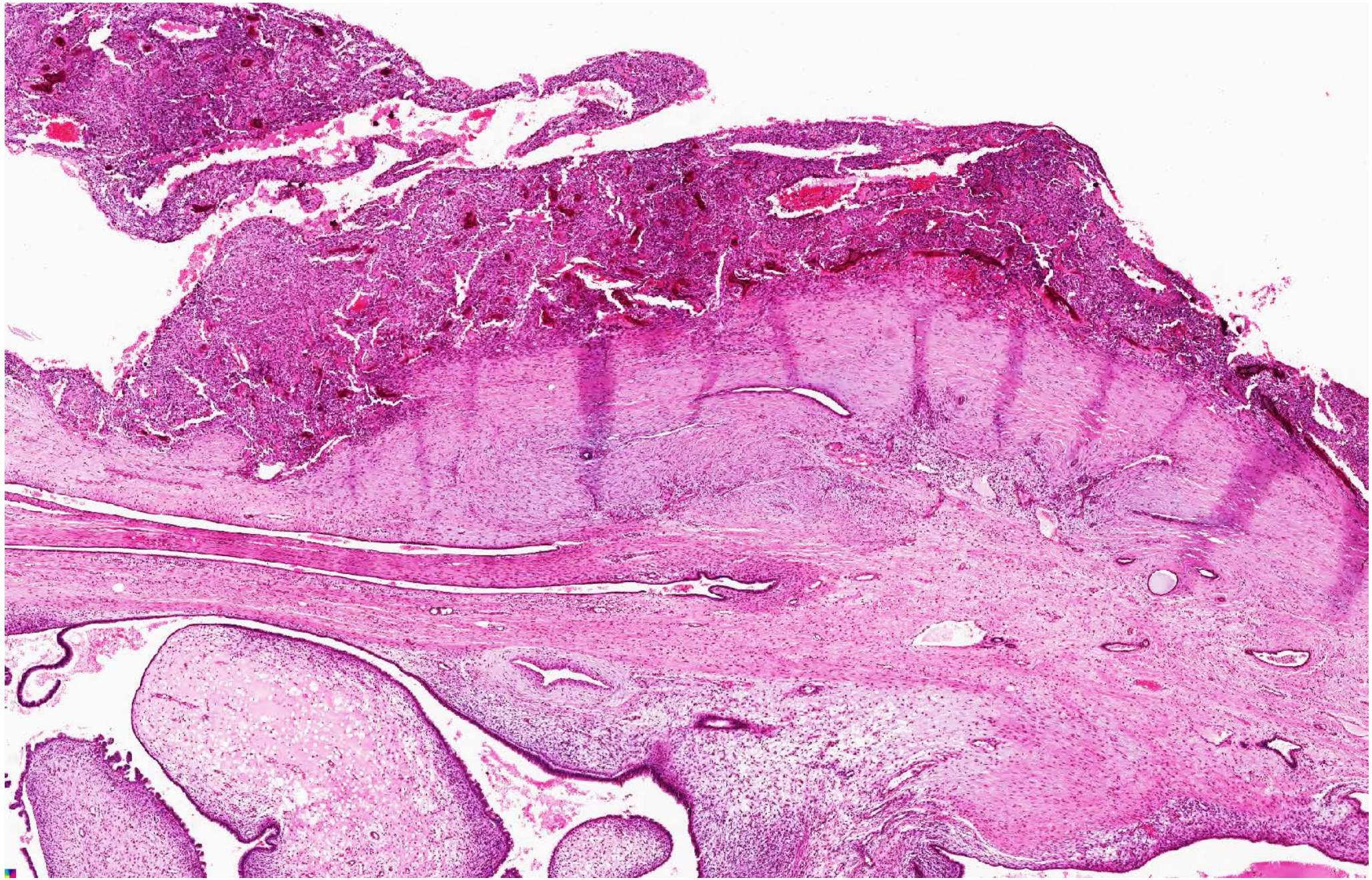


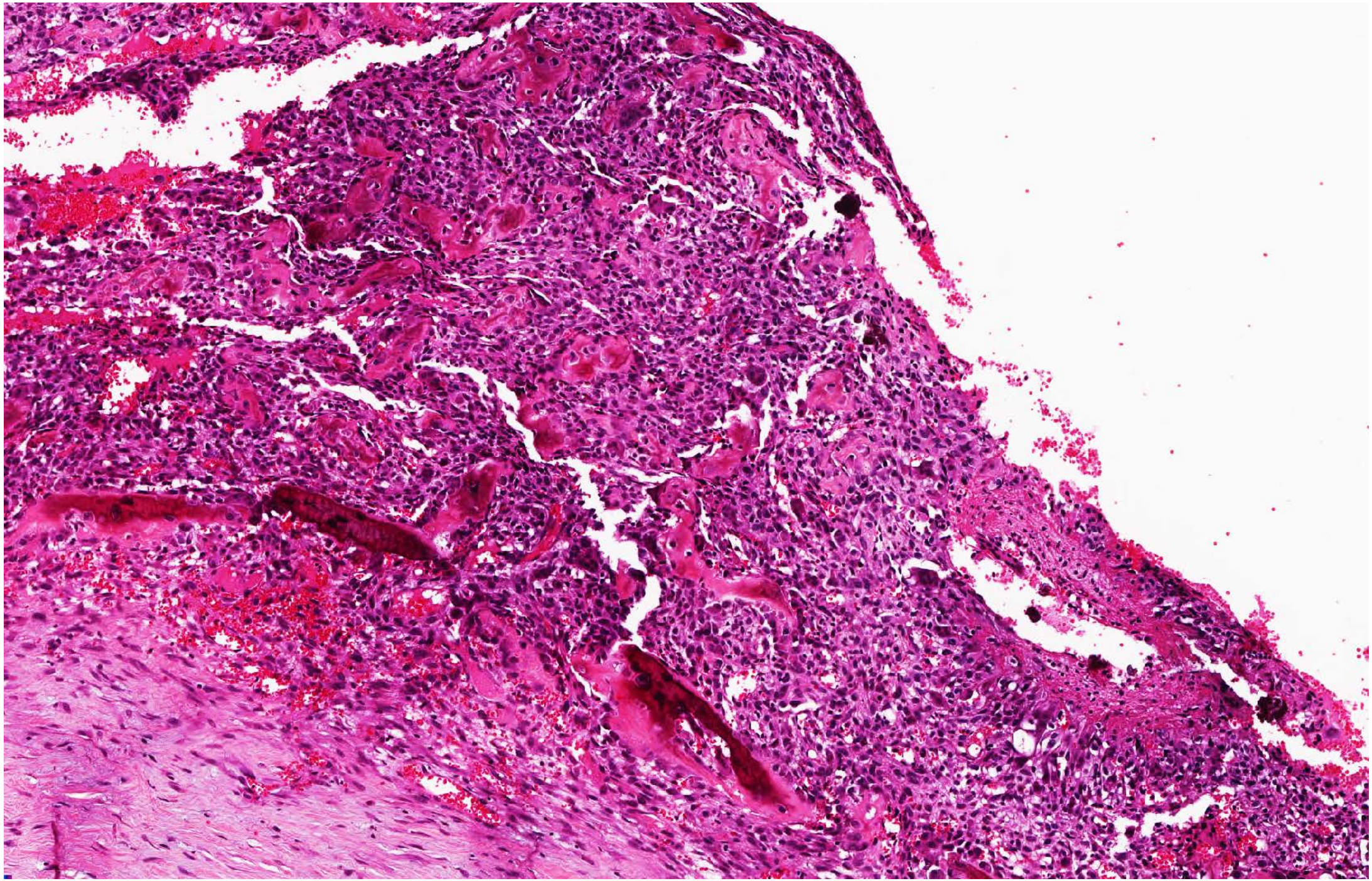








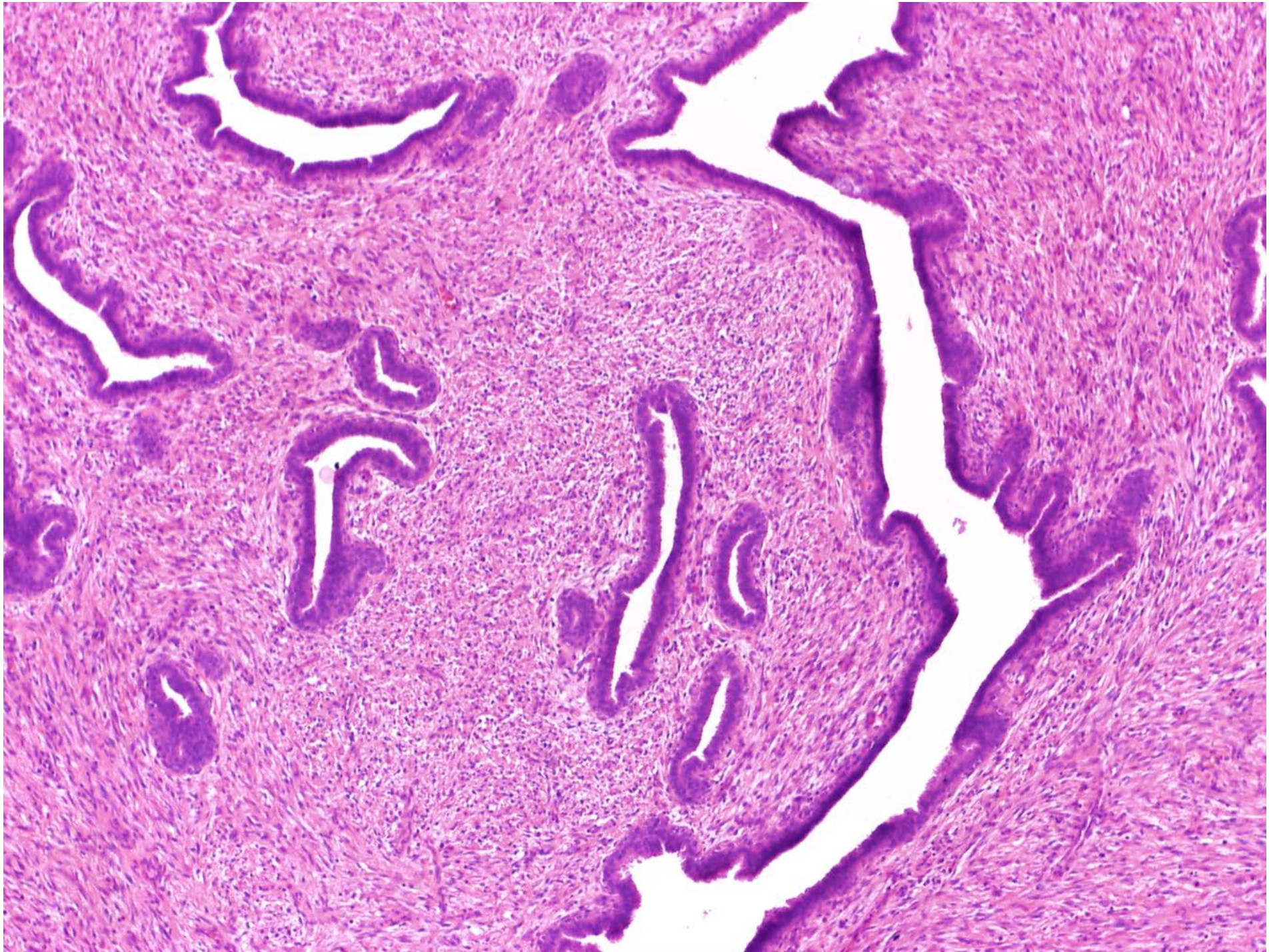




Spectrum of Fibroepithelial lesions

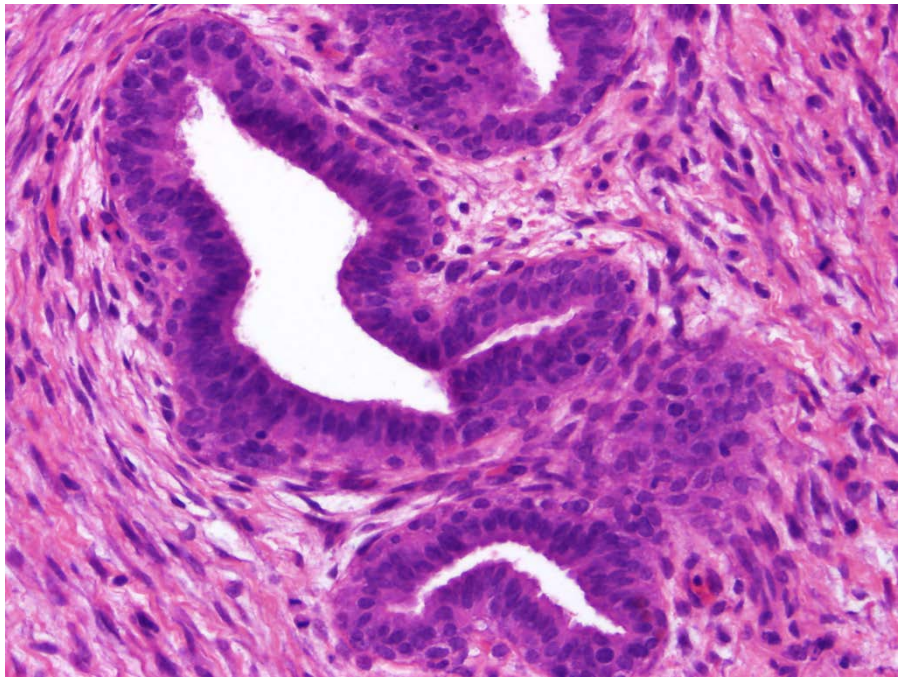
- Fibroadenoma
- Phyllodes tumors (low/intermediate/high)
- Others
  - Cellular FA/PT (particularly in young)
  - Periductal tumors

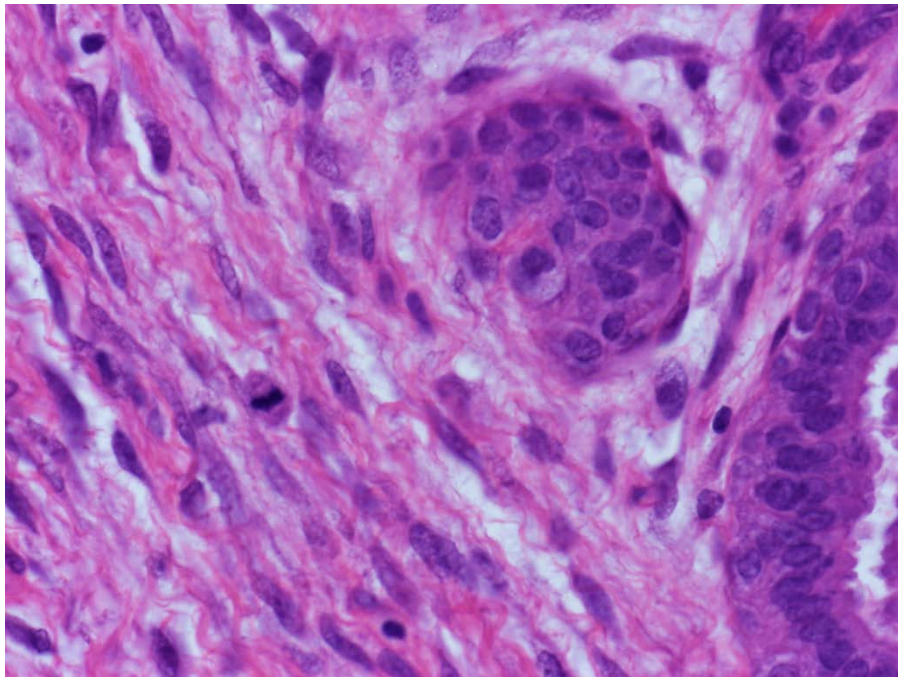
Cellular FA (12/F)



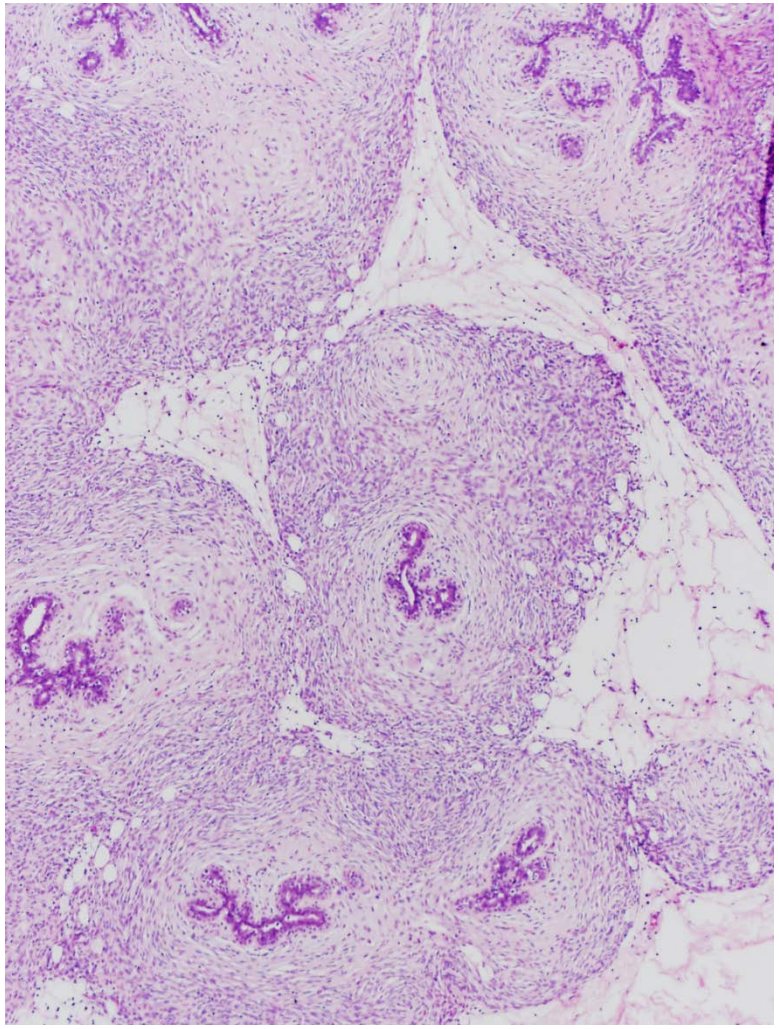
FEPs in young

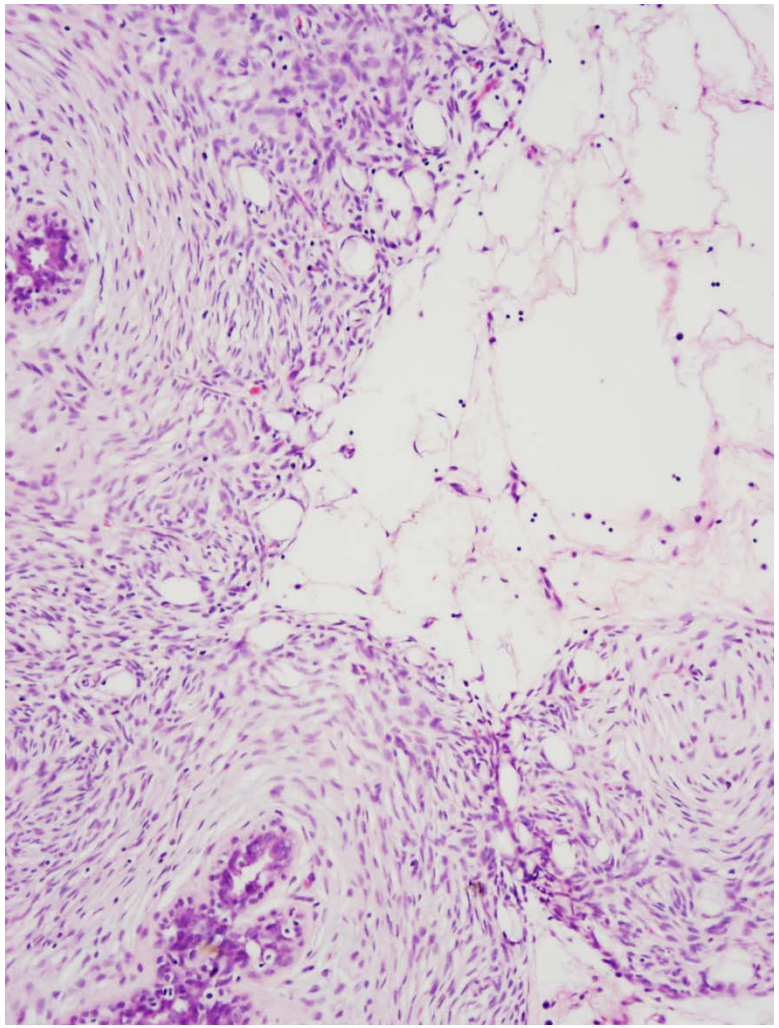
- Can be quite large and multiple
- FA/PT like architecture
- Can show numerous mitosis
  - Could be part of growing process
- Need to manage conservatively
  - Damage to the breast bud

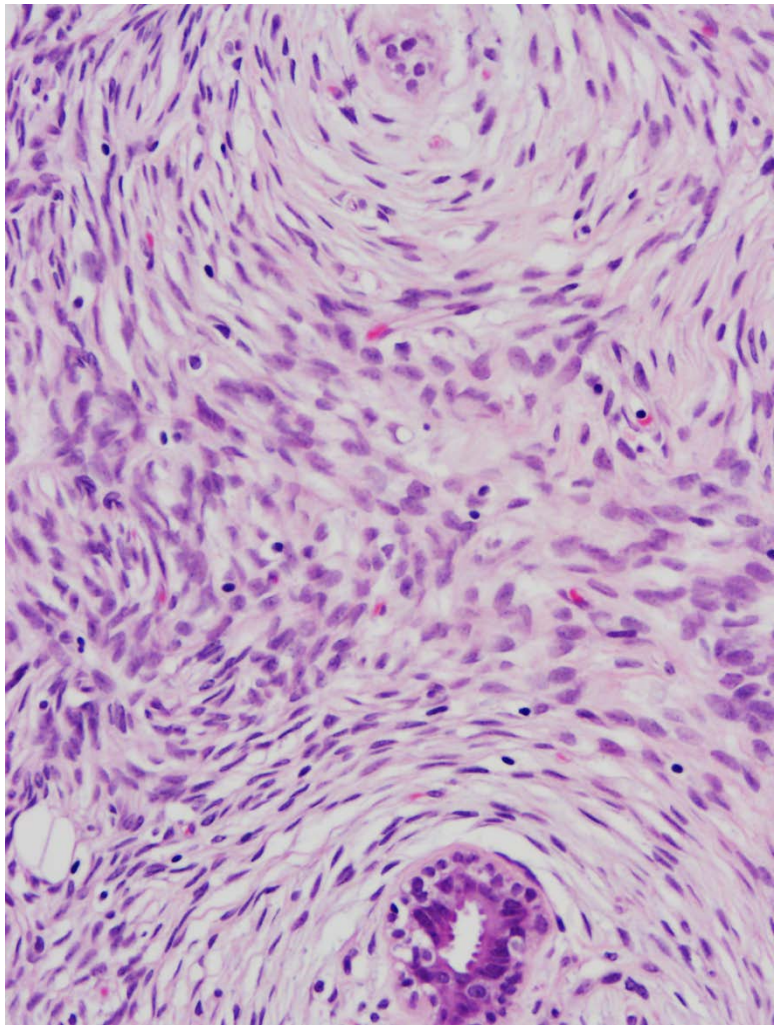




14 year old girl







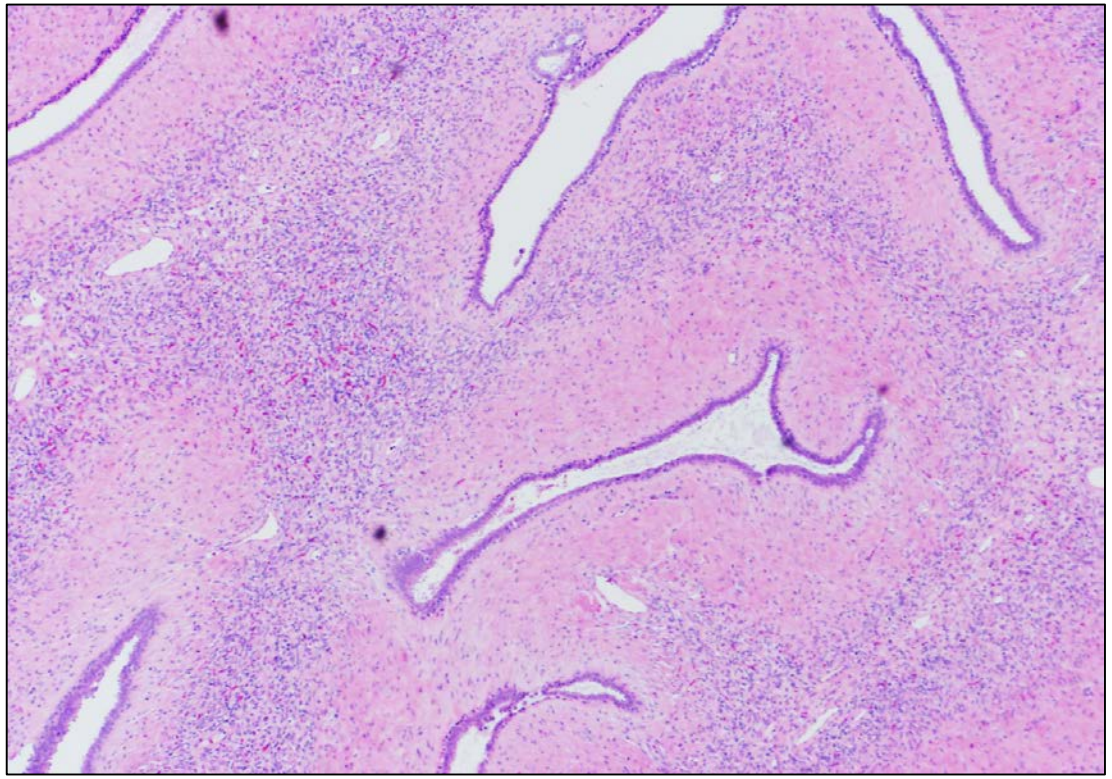
Diagnosis

- Periductal stromal tumor

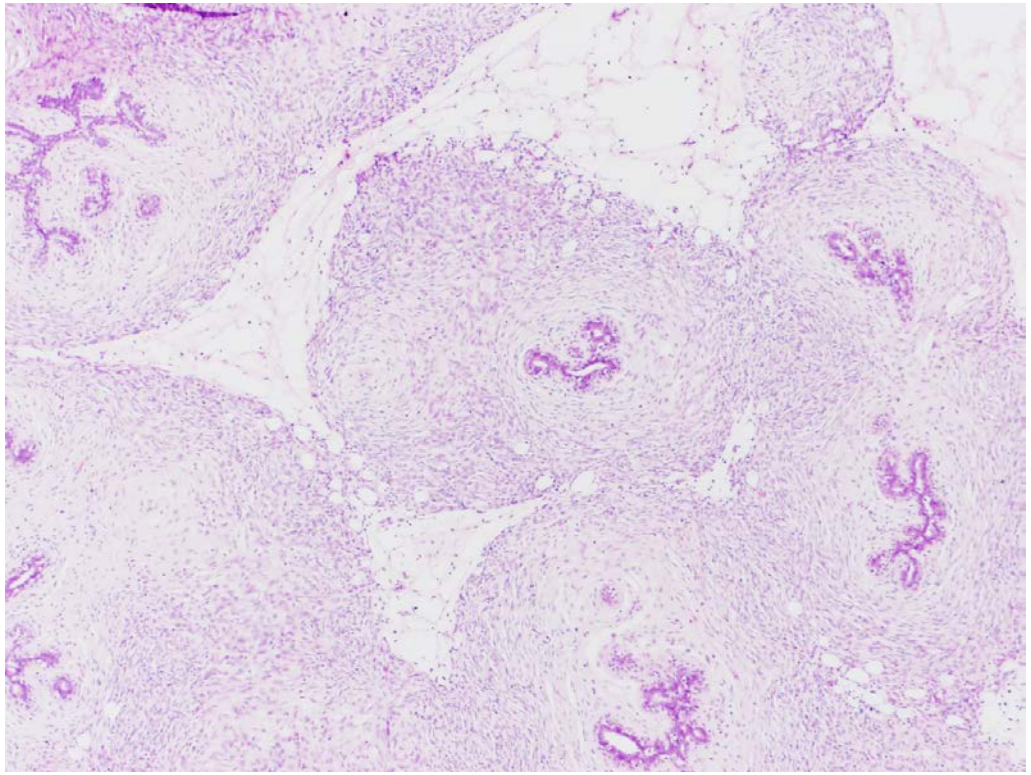
Periductal stromal tumors

- At least two types

Periductal hyalinization



Periductal cellularity



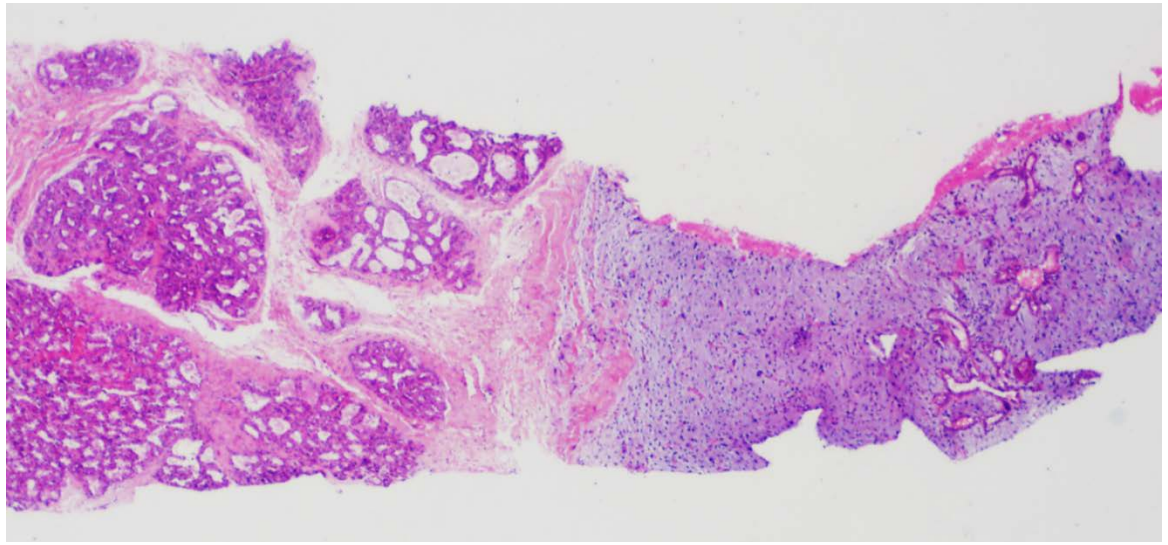
What is it?

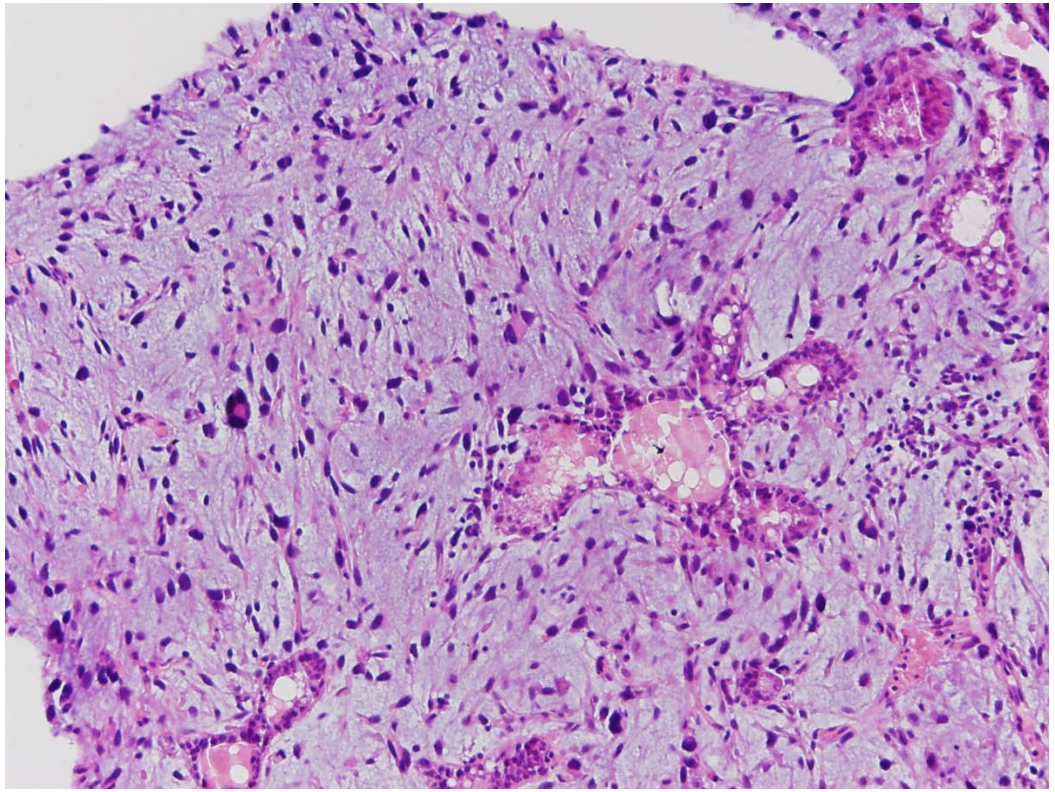
- In 2012, this chapter has been updated with regard to histological characterisation and classification. Consistent with discouragement of the use of the historical term ‘cystosarcoma’ for phyllodes tumours, the Working Group recommended that the exceedingly rare entity of periductal stromal sarcoma (as it was referred to in the previous edition) be revised to the less ominous term, periductal stromal tumour. The close morphological relationship between the periductal stromal and phyllodes tumours is acknowledged.

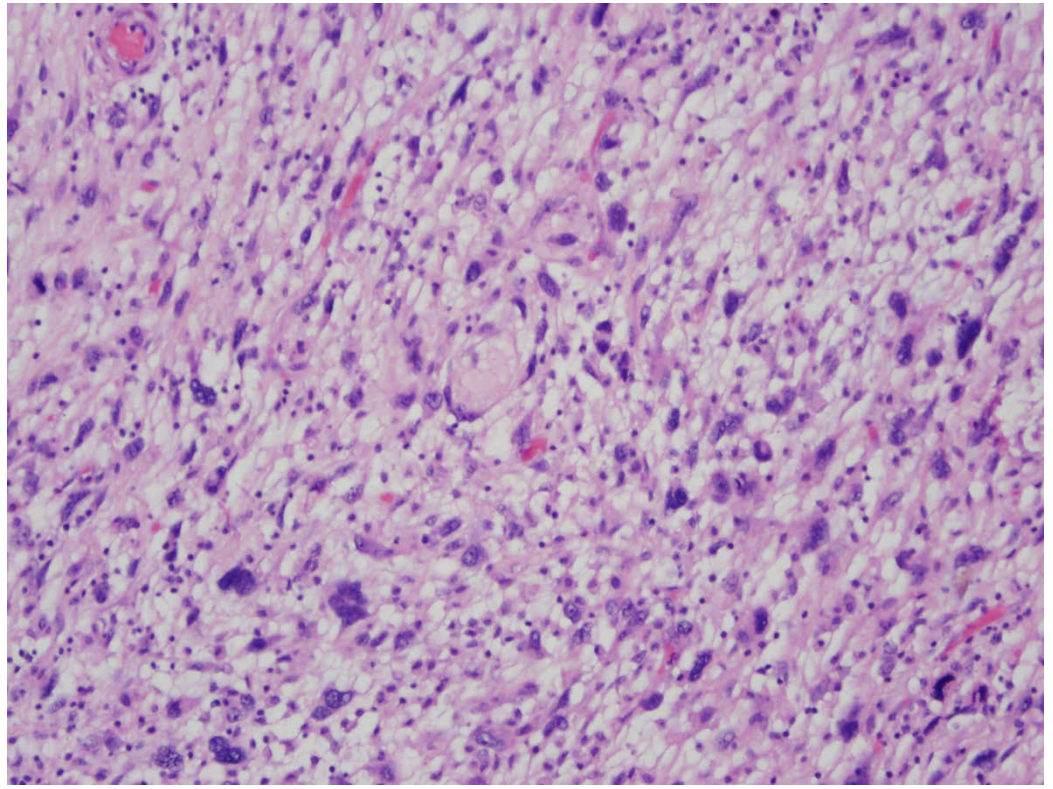
Tan and Ellis J Clin Pathol 2013

Lastly

Biopsy

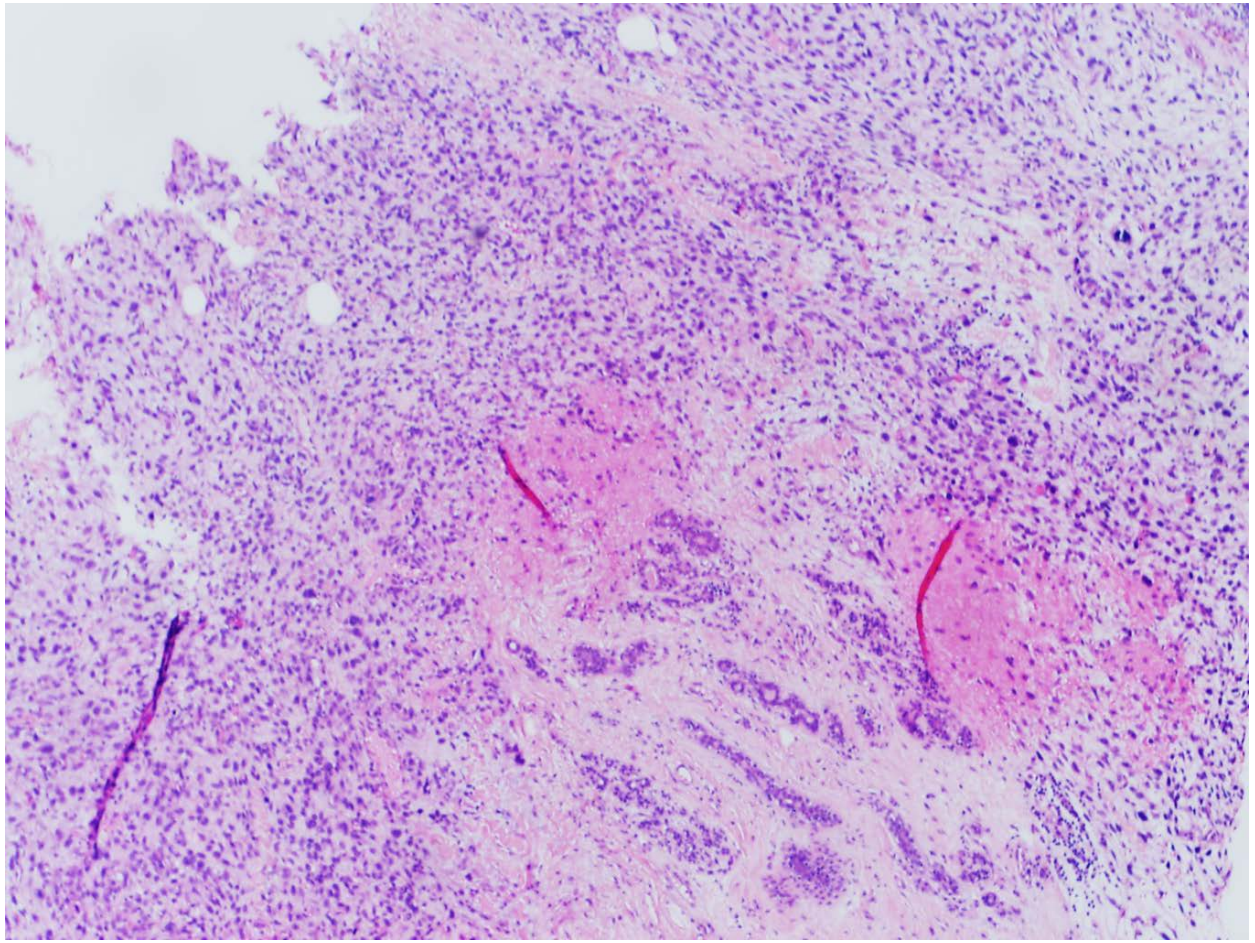


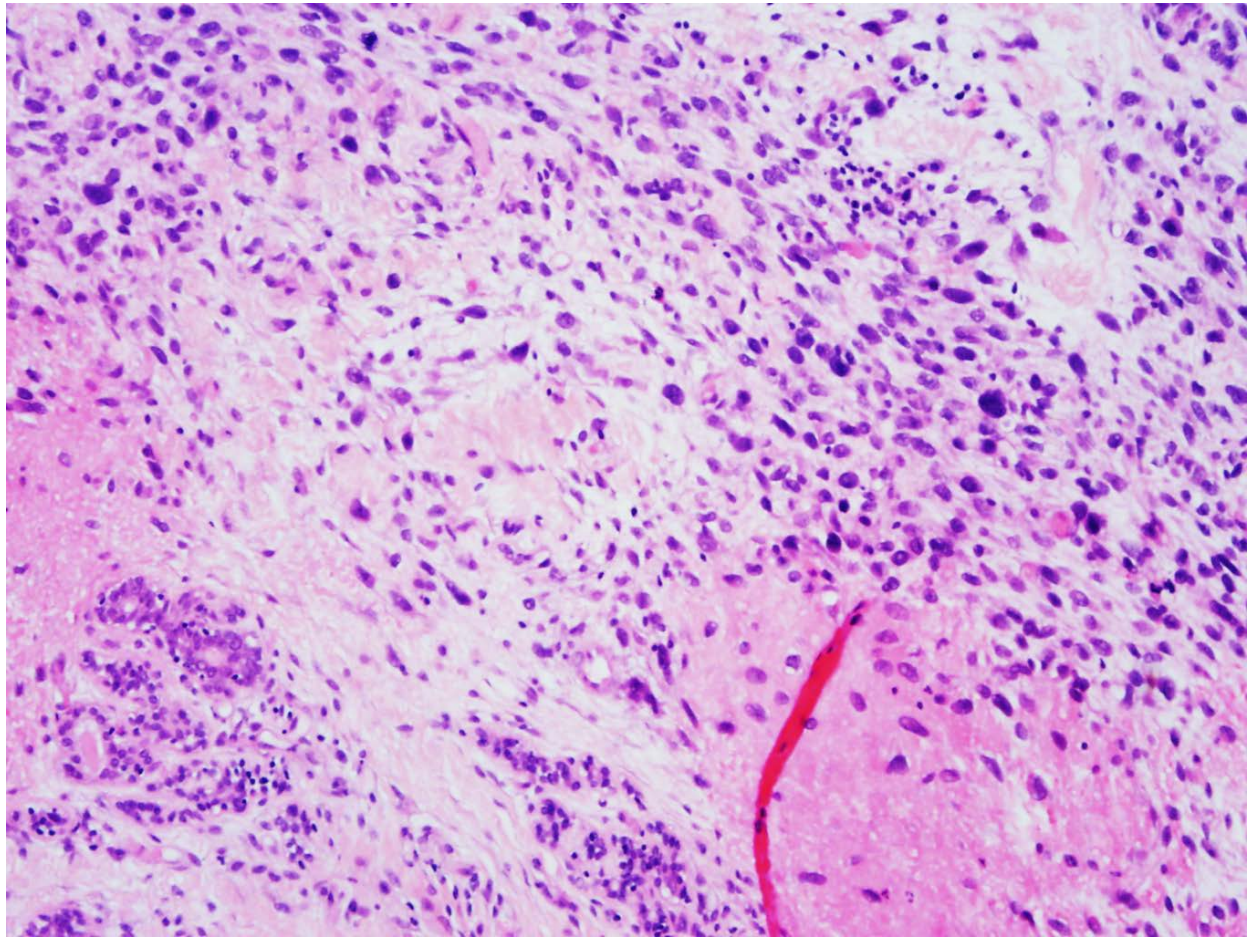




Excision

Metastatic Sarcoma (NOS) 2nd case





Periductal stromal tumors (Phyllodes tumor)

Take home messages

- Can be deceptive

- Need detailed examination

- Other types of FEL
  - In young
  - Periductal lesions