

# CHEC (vs MMMT)

- <mean age
- lack of heterologous components
- Merging squamous differentiation
- lower pleomorphism
- background hyperplasia
- wt p53 expression
- retention of ER expression
- patchy p16 expression

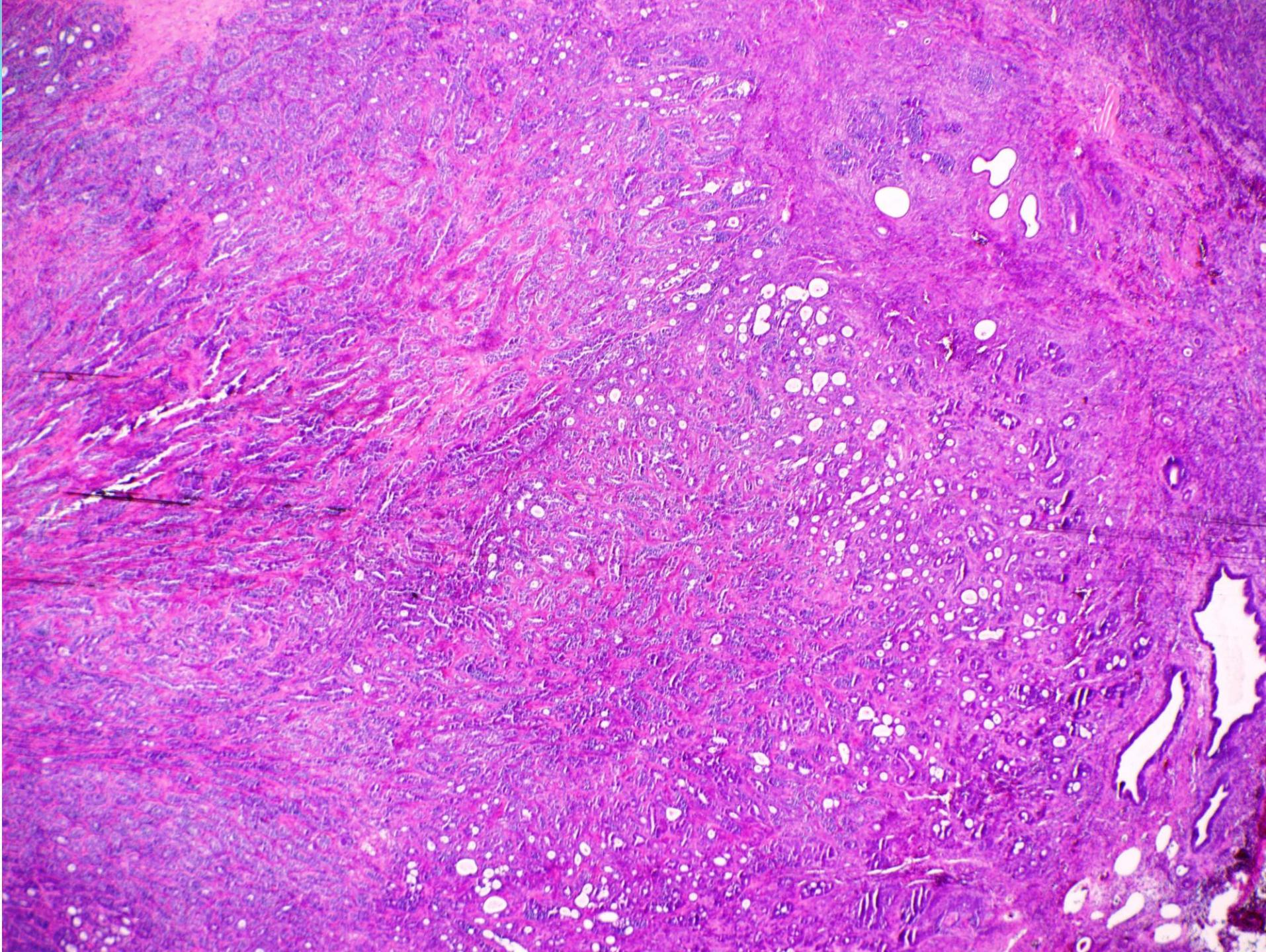
# MOLECULAR PATHWAYS/IHC: CHEC vs MMMT

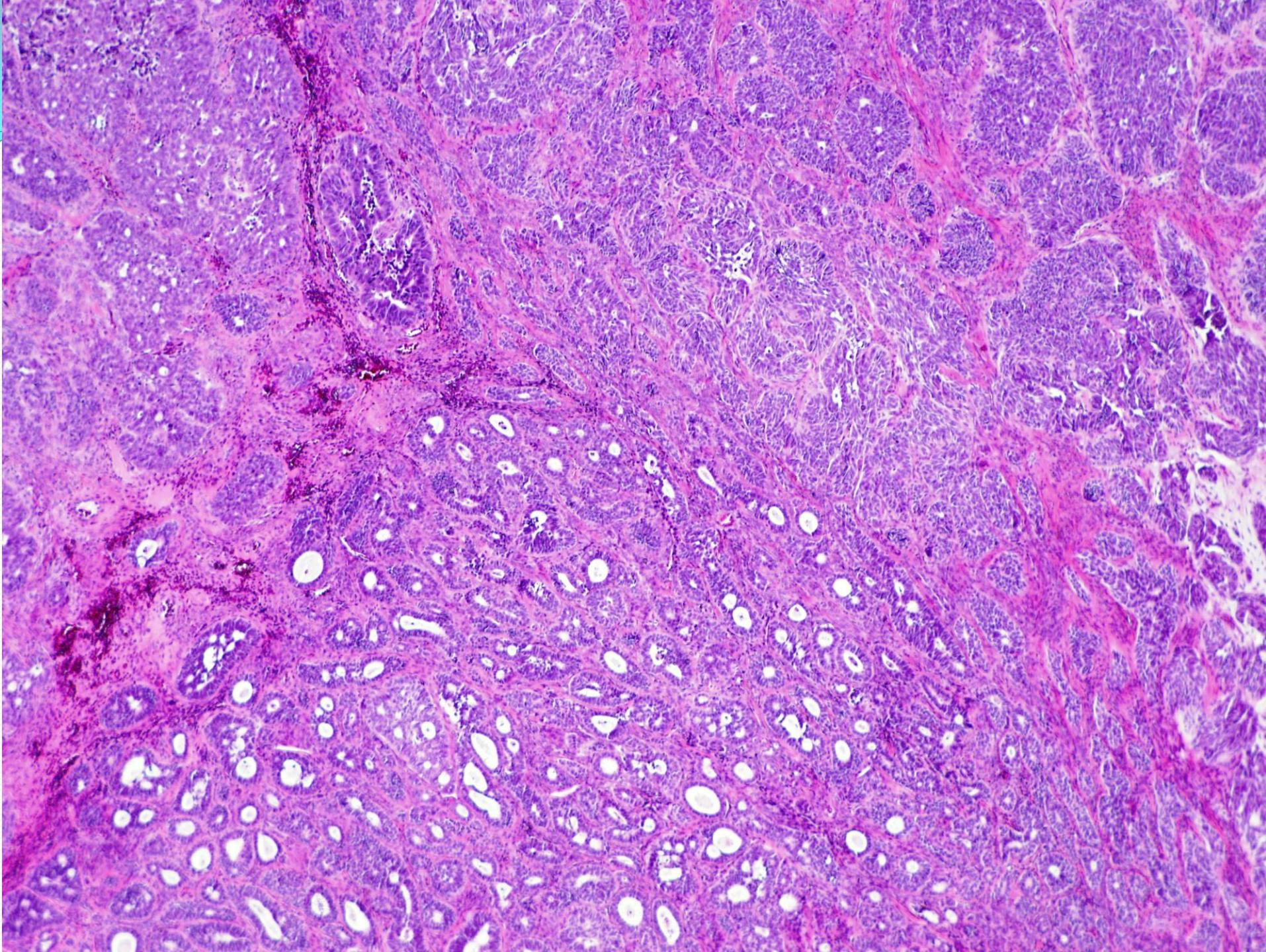
- EM PE -----[PTEN]mut..[++E<sub>2</sub>]...EH  
(CEH...Sq(M)...AEH)-----EEC-----[b-Cat]/loss E-Cad---  
-[CHEC] (zonation)
- (occurs within a PE phenotypic glands [ER]+ [vim]+  
tall columnar cell)
- 
- AE....low [E]<sub>2</sub>.....[p53]mut/over-exp...EIC...SPC-----  
MMMT (occurs short/cuboidal ER dim Atroph cell)

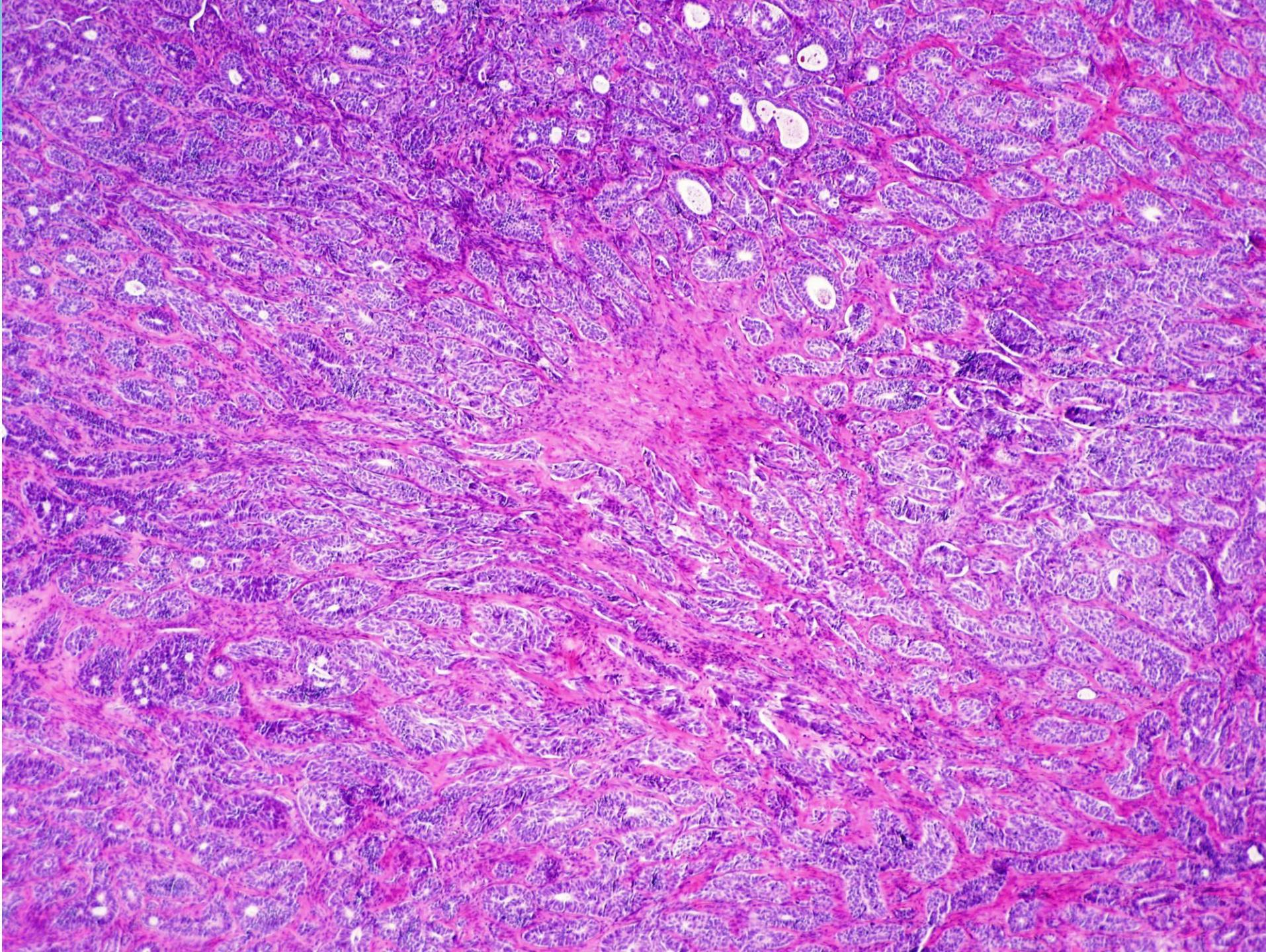
# Gynecologic Pathology

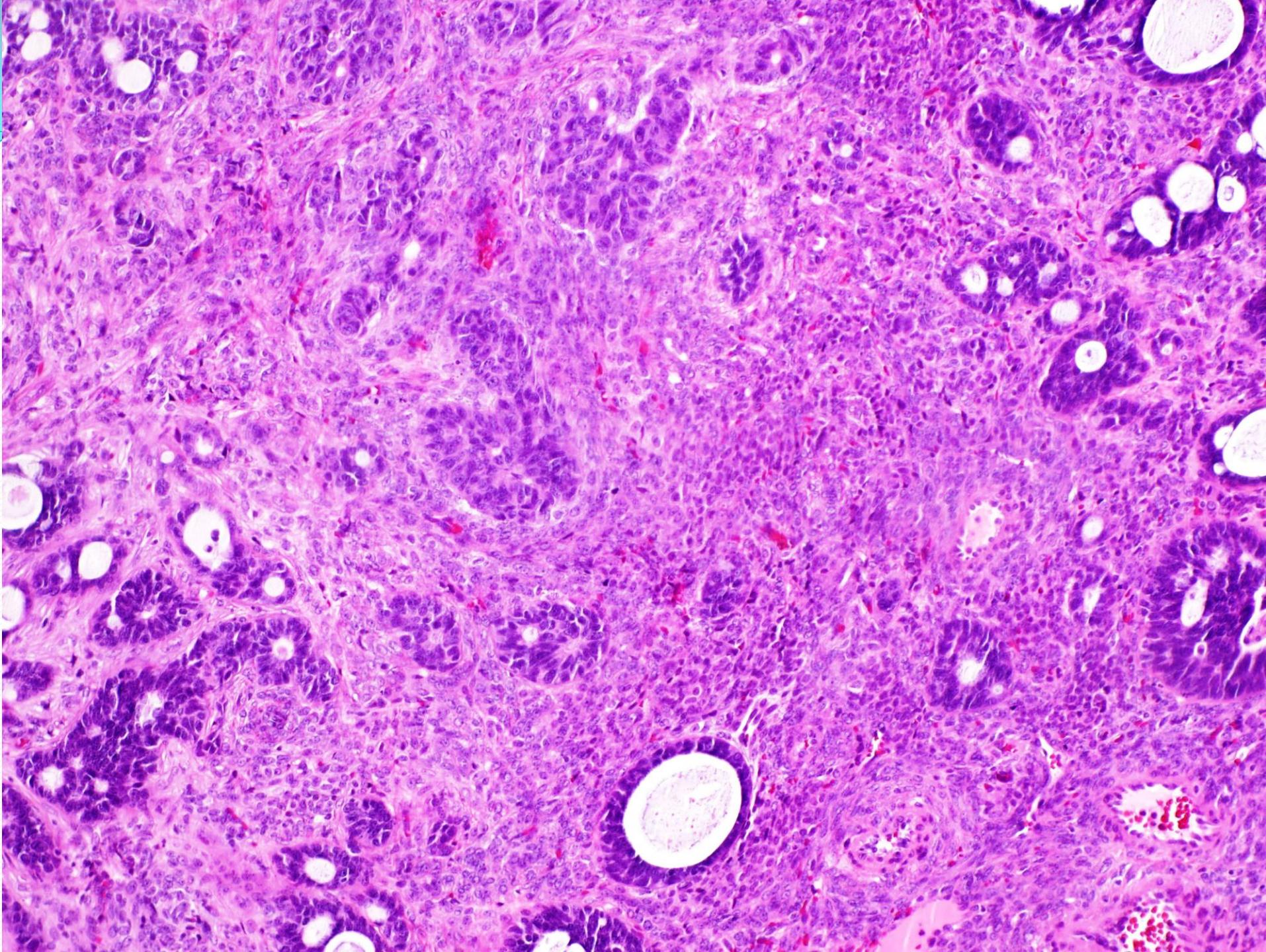
## [skm/VCjan2016]

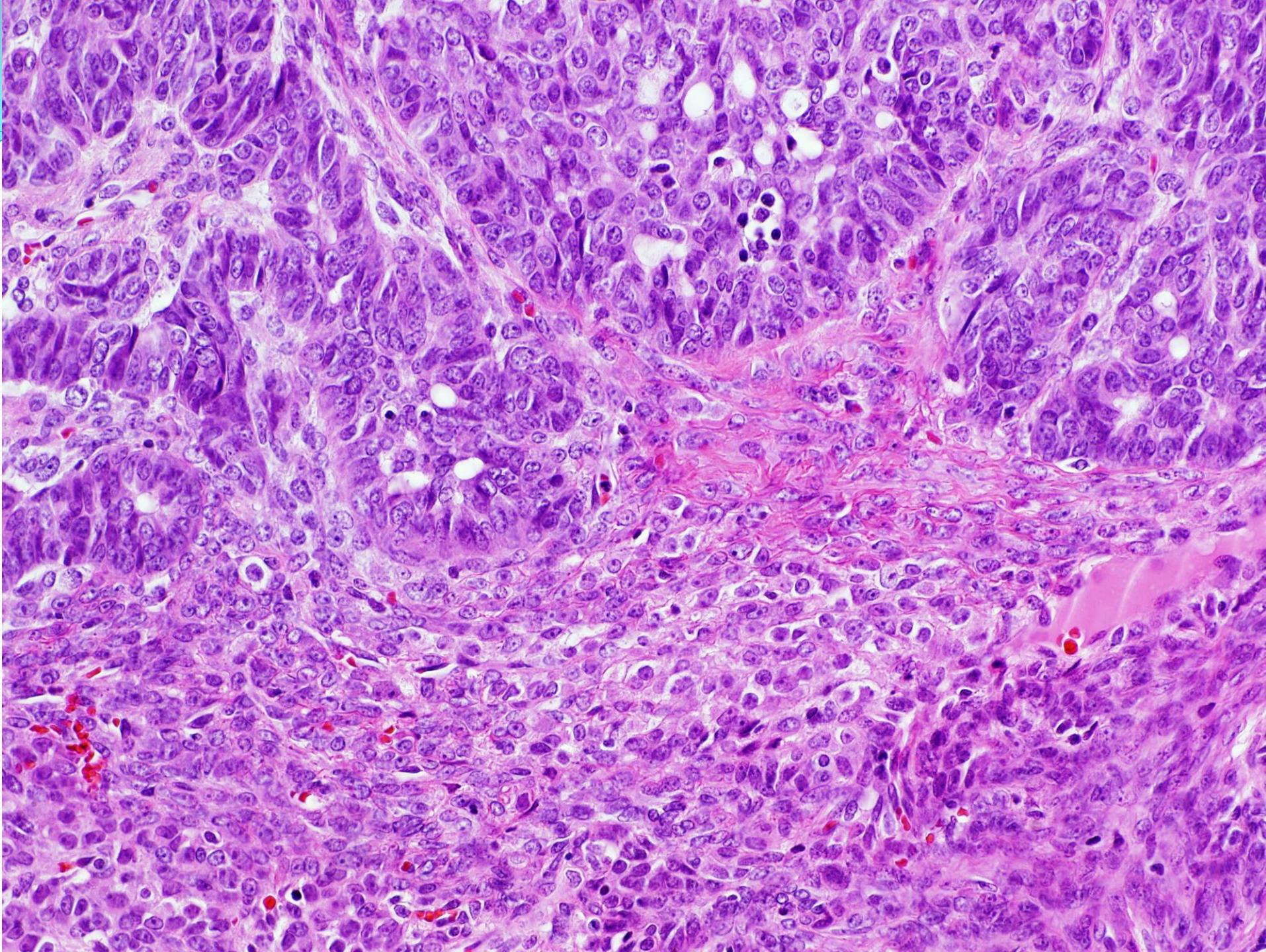
CASE II

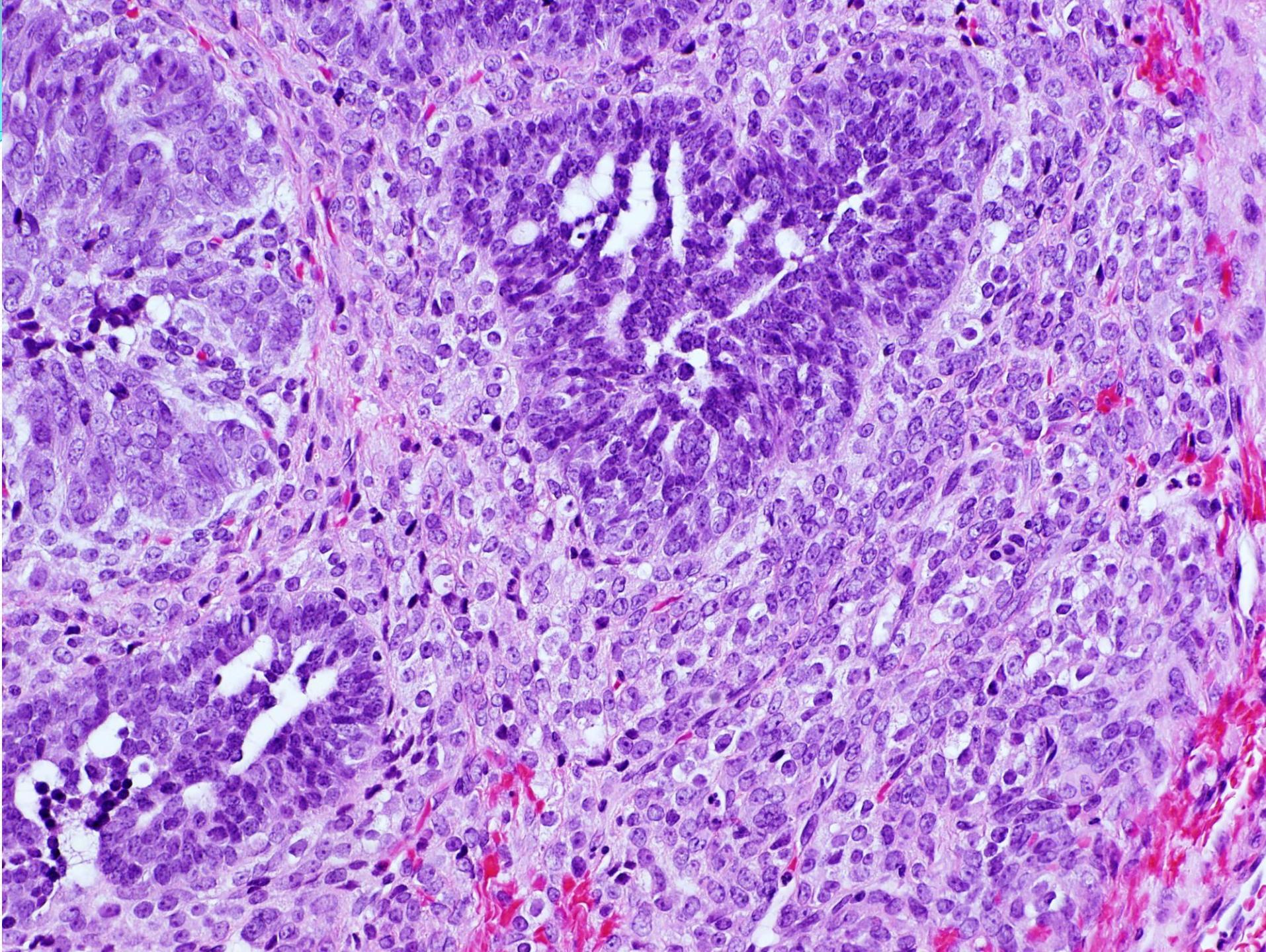


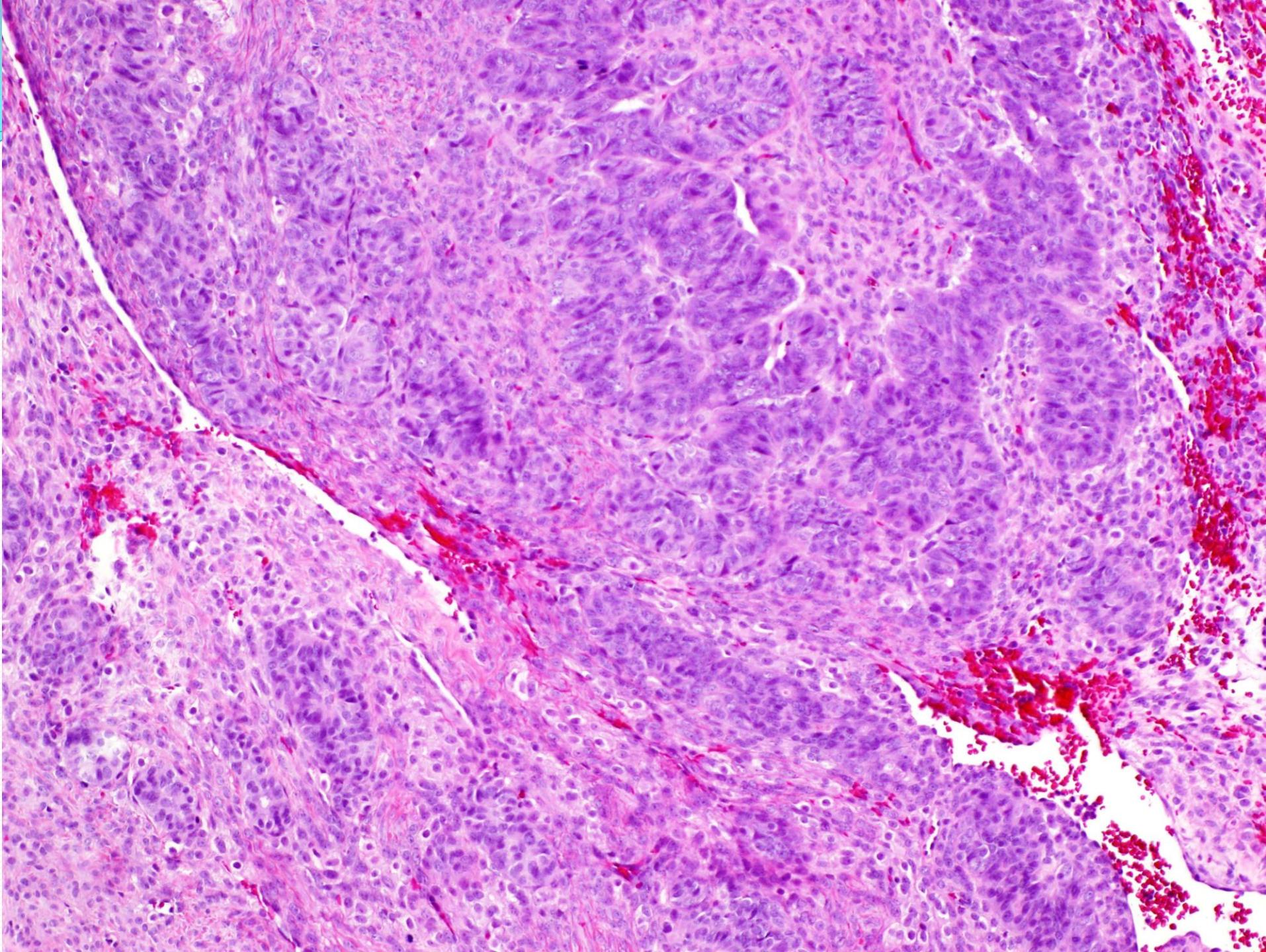


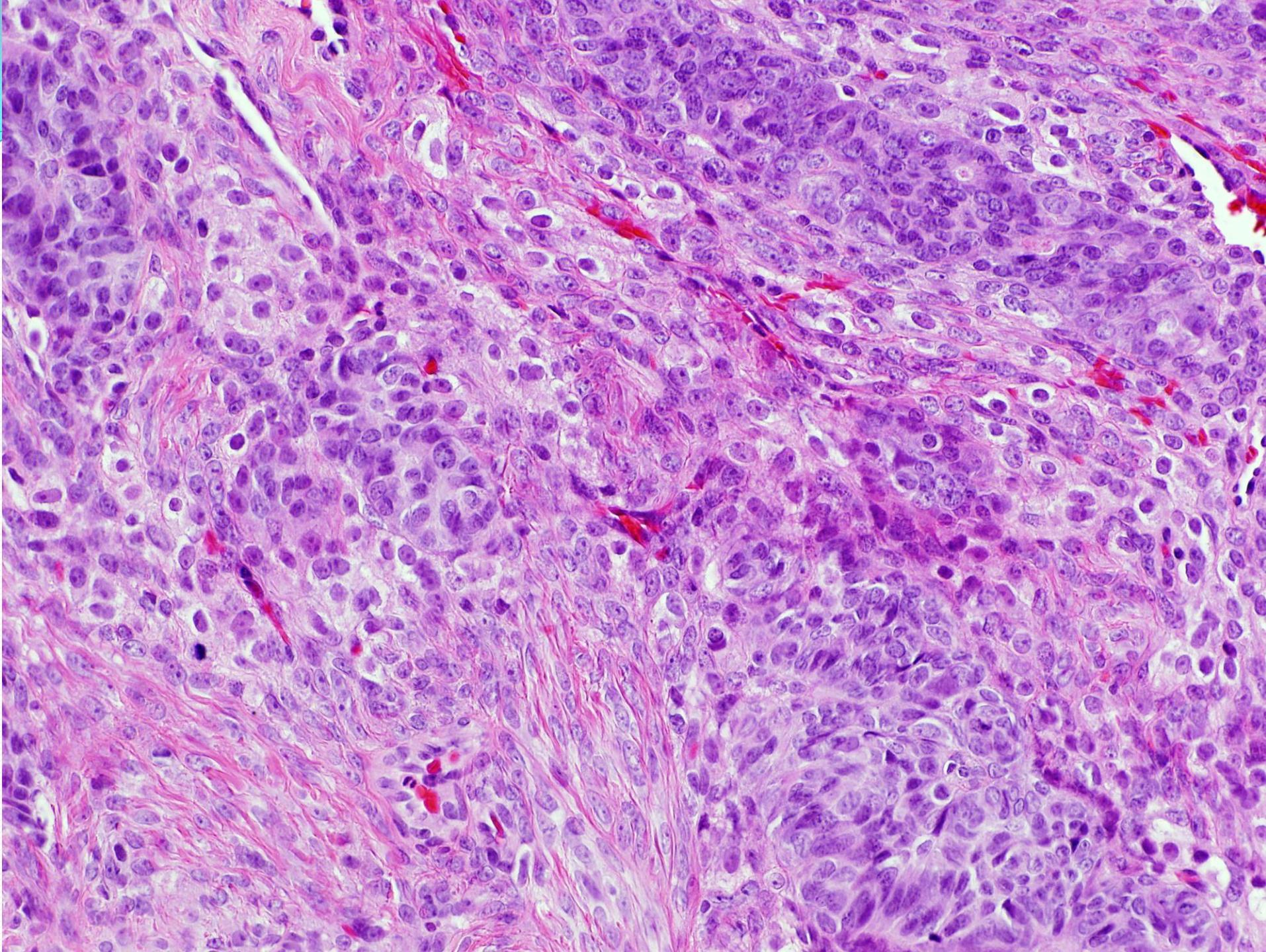






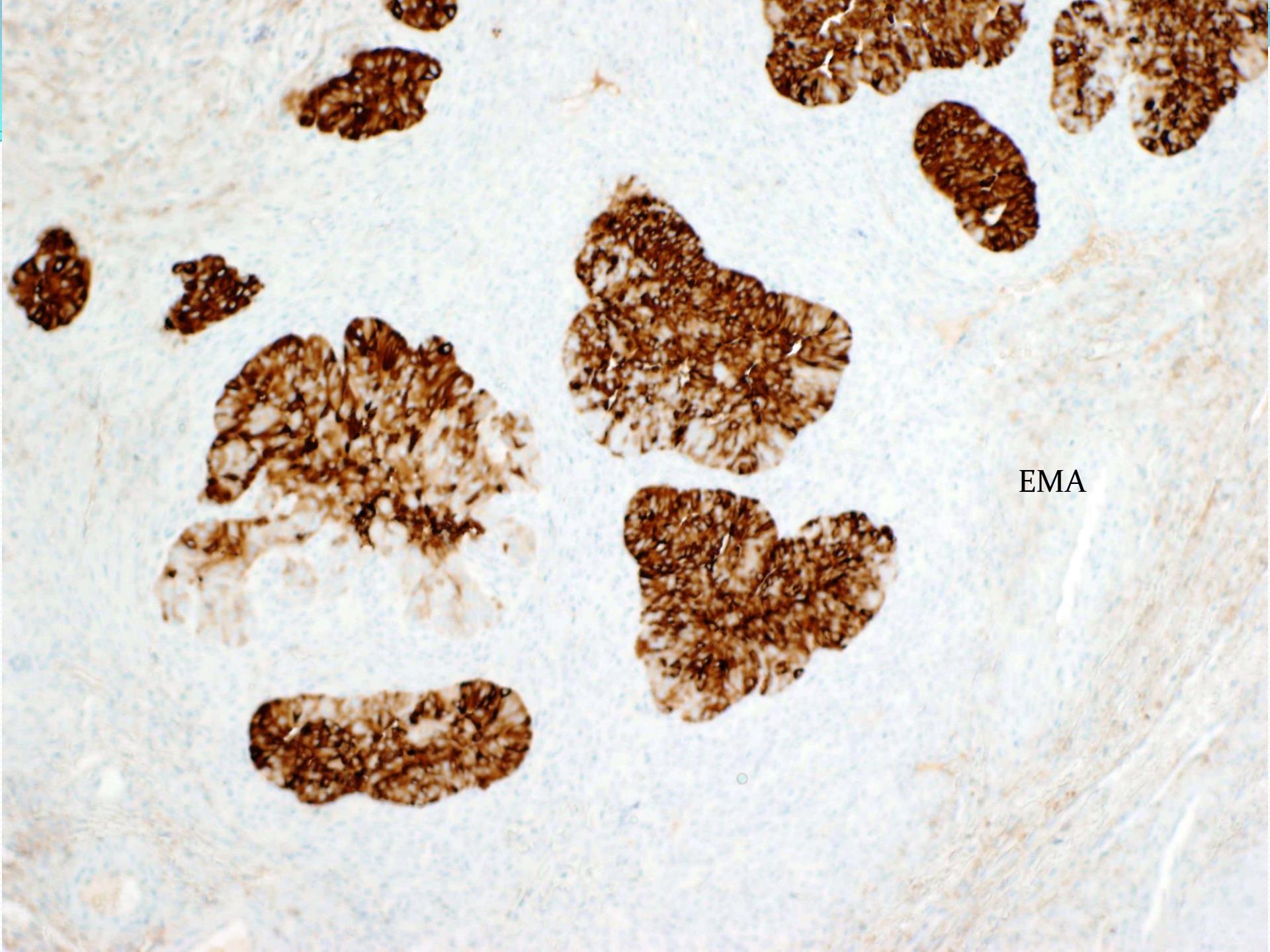




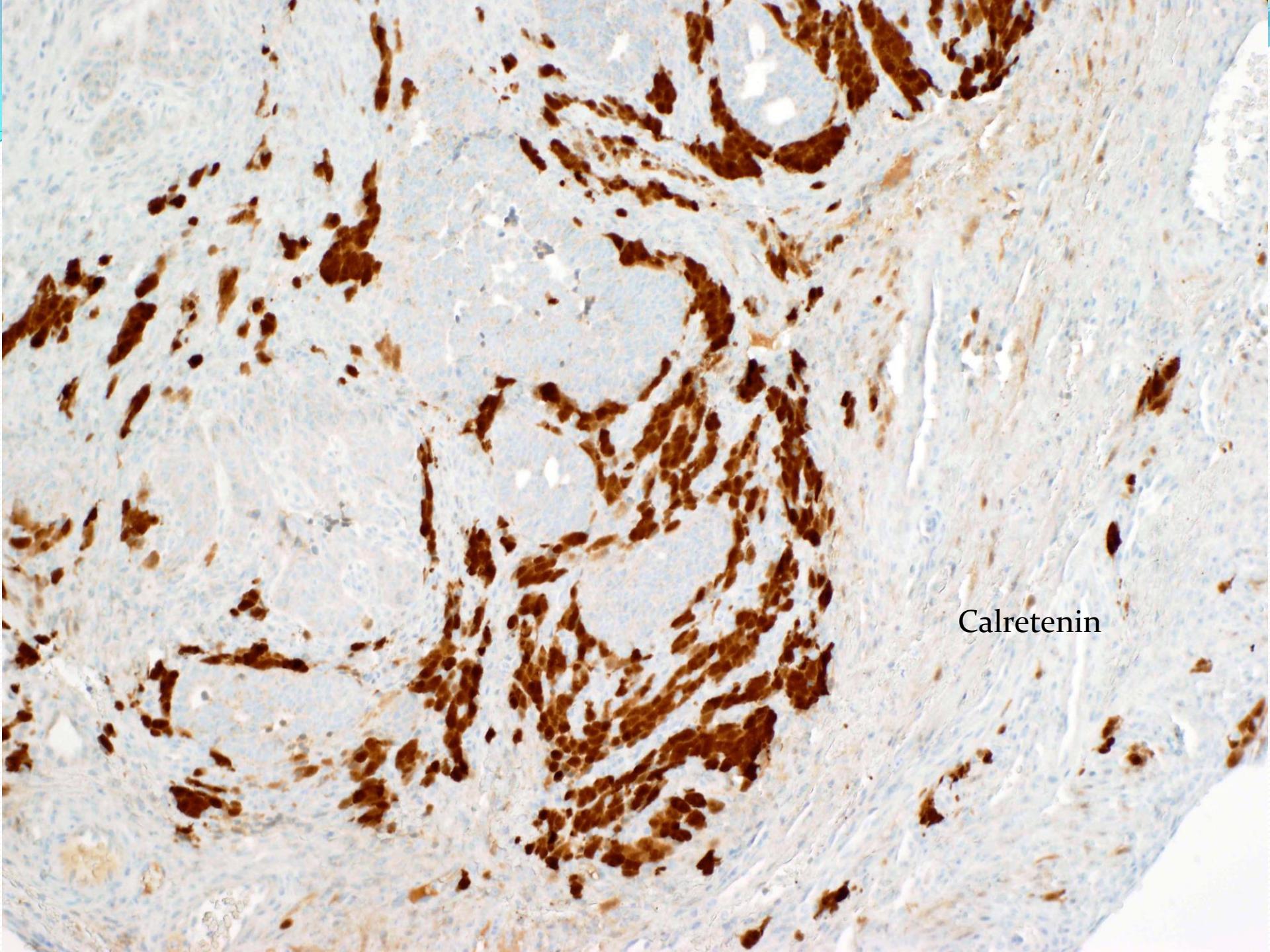


# CELLULAR STROMA / SERTOLIFORM

- mixed tumor - MMMT (aberr p53, low ER)
- CHEC (ER/vim, p53(wt))
- ESS (glands/sex-cord) (CD10/cyclinD1)
- mixed carcinoma - EEC/UC (retention of epithelial markers in UC ('stromal') component)
- Cellular Functioning Stroma - (lack of epithelial markers, presence of activated stromal markers (calretenin/CD56/inhibin))
- SLCT
- carcinoid(tubular),
- ESS with sex-cords and glands
- Krukenburg/metastases
- O-EC (sertoliform)
- (EMA,ER/vimentin, ck7/20, calretenin/CD56/inhibin, chromogranin, CD10, ck5/6-Sq(M))



EMA



Calretinin