

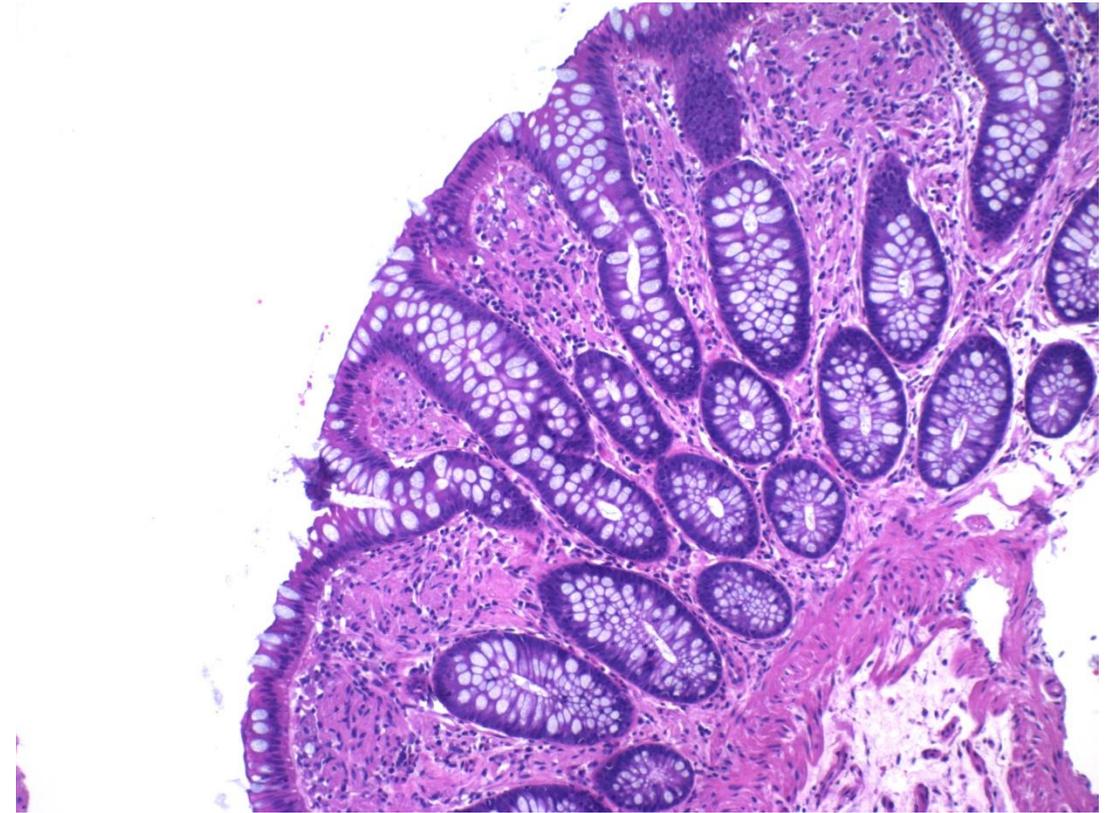
# Quiz 2

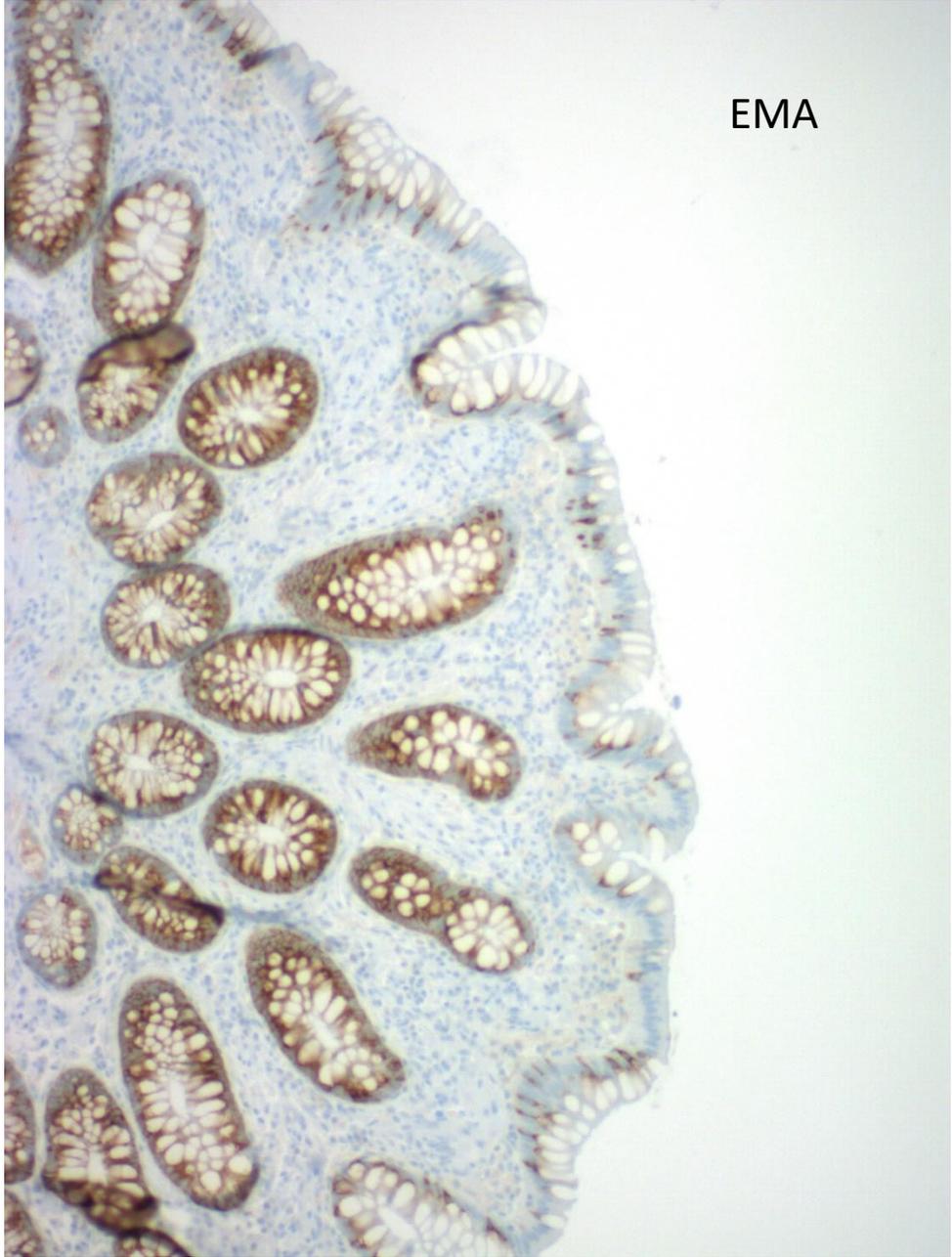
2019-20

Ritu Bhalla, MD

# Questions 1-2

- 61 year old female with a sigmoid polyp on endoscopy



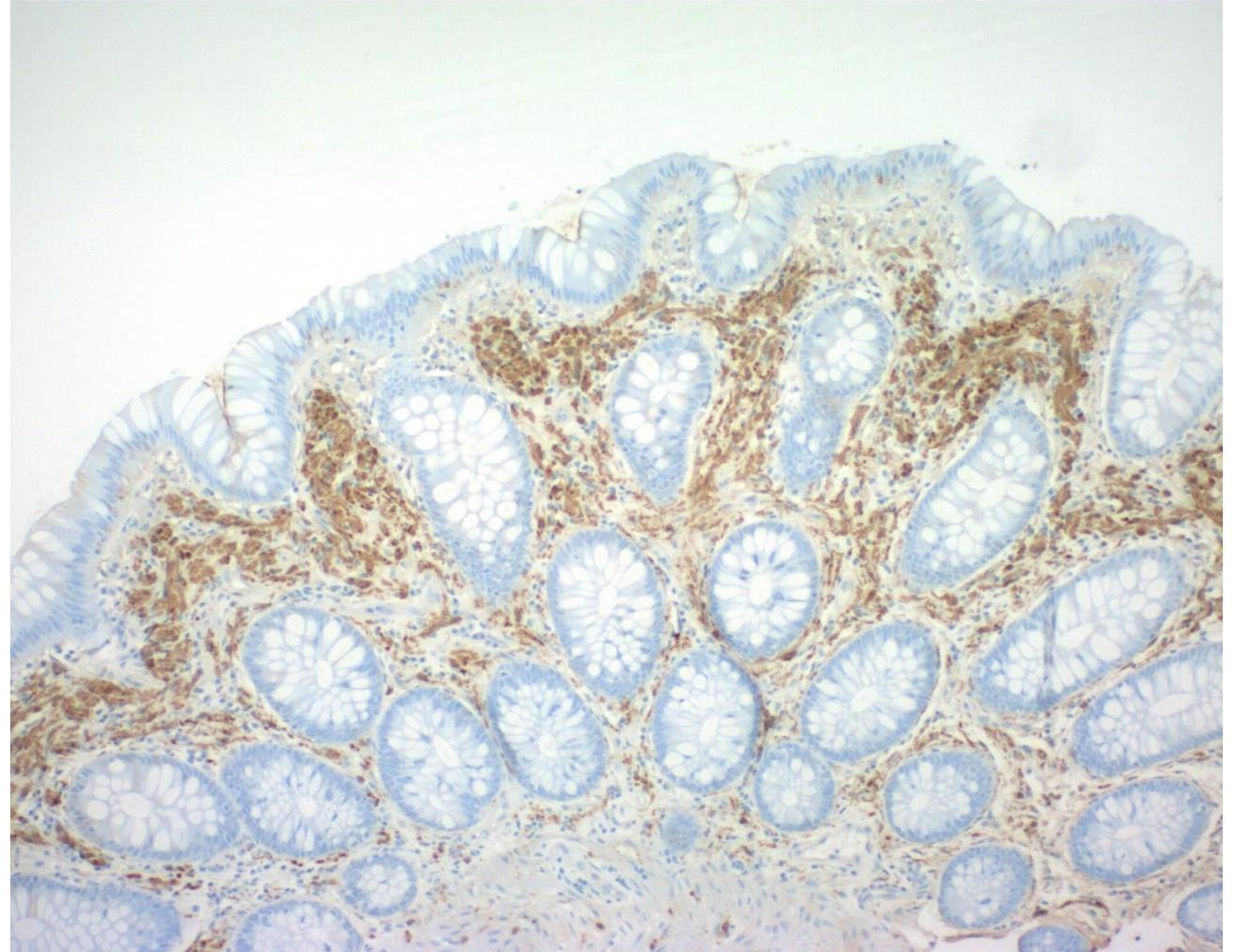


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# Question 1

What is your diagnosis

1. Unremarkable colonic mucosa
2. Mucosal Schwann cell hamartoma
3. Mucosal perineuroma
4. Ganglioneuroma

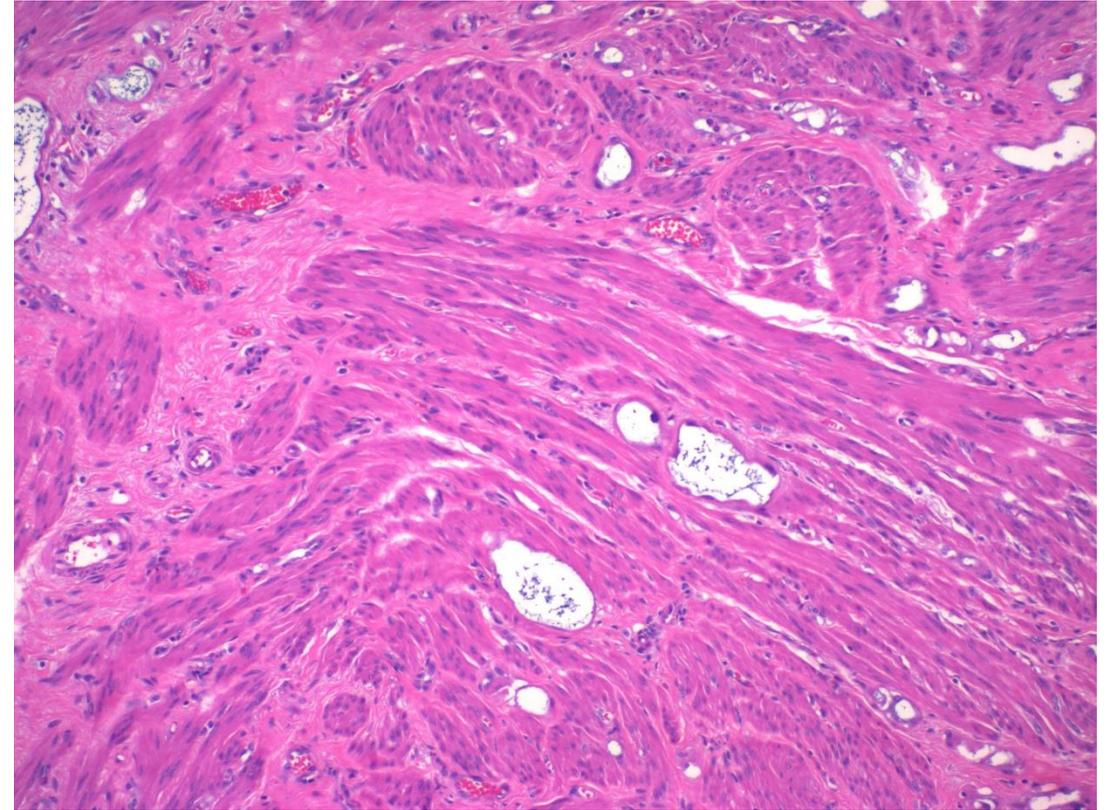


# Question 2

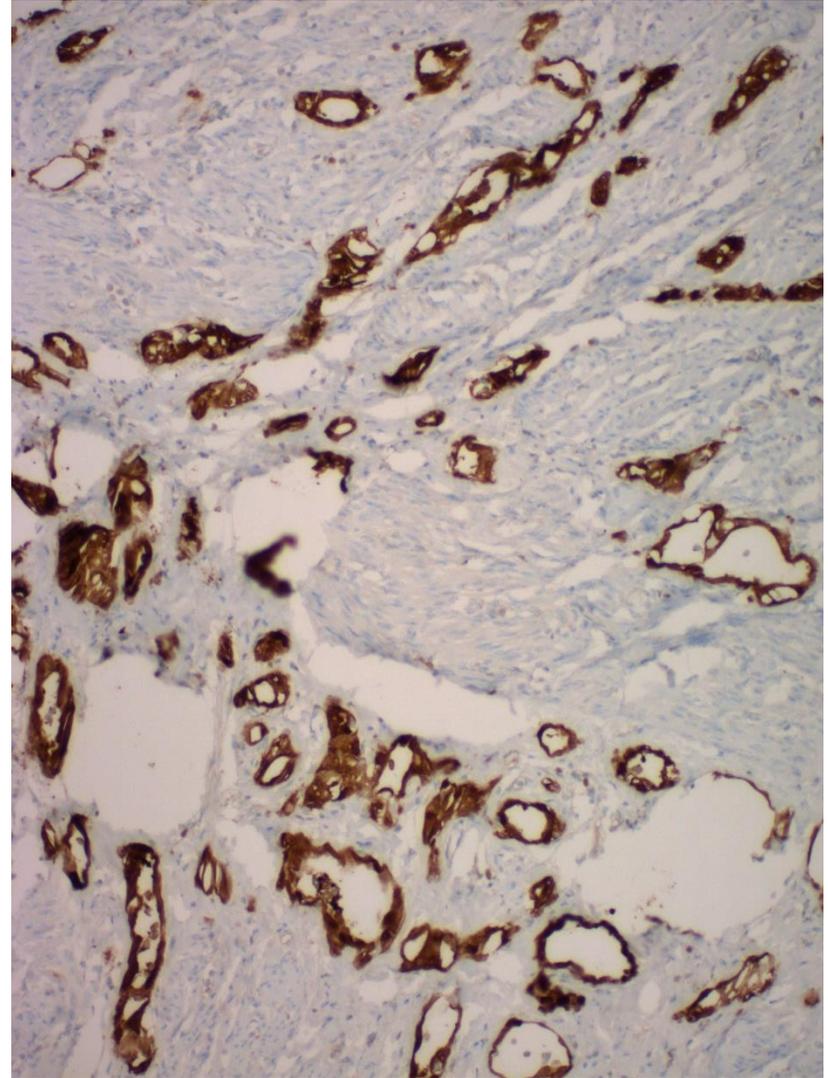
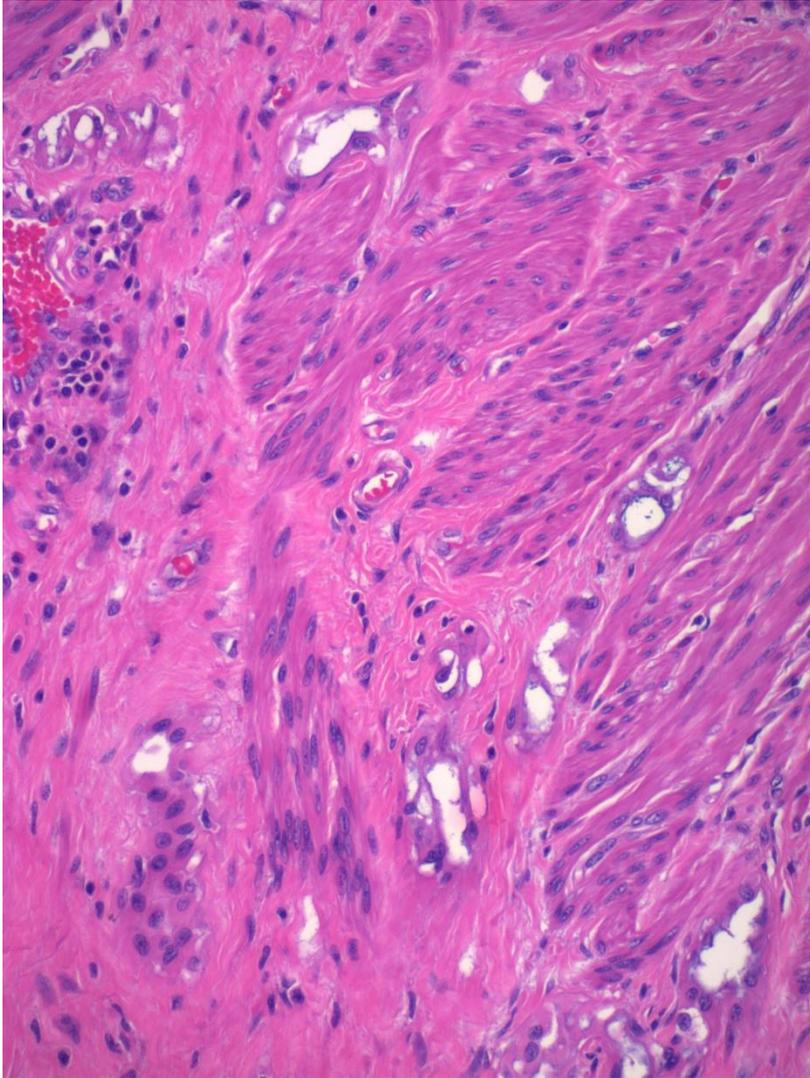
- This lesion may be associated with
  1. Cowden syndrome
  2. V600E *BRAF* mutations
  3. Carney's triad
  4. No specific inherited syndrome, to date

# Questions 3-4

- Incidental finding in hysterectomy specimen, performed for multiple leiomyomas, in a 53 year old female.



CALRETININ

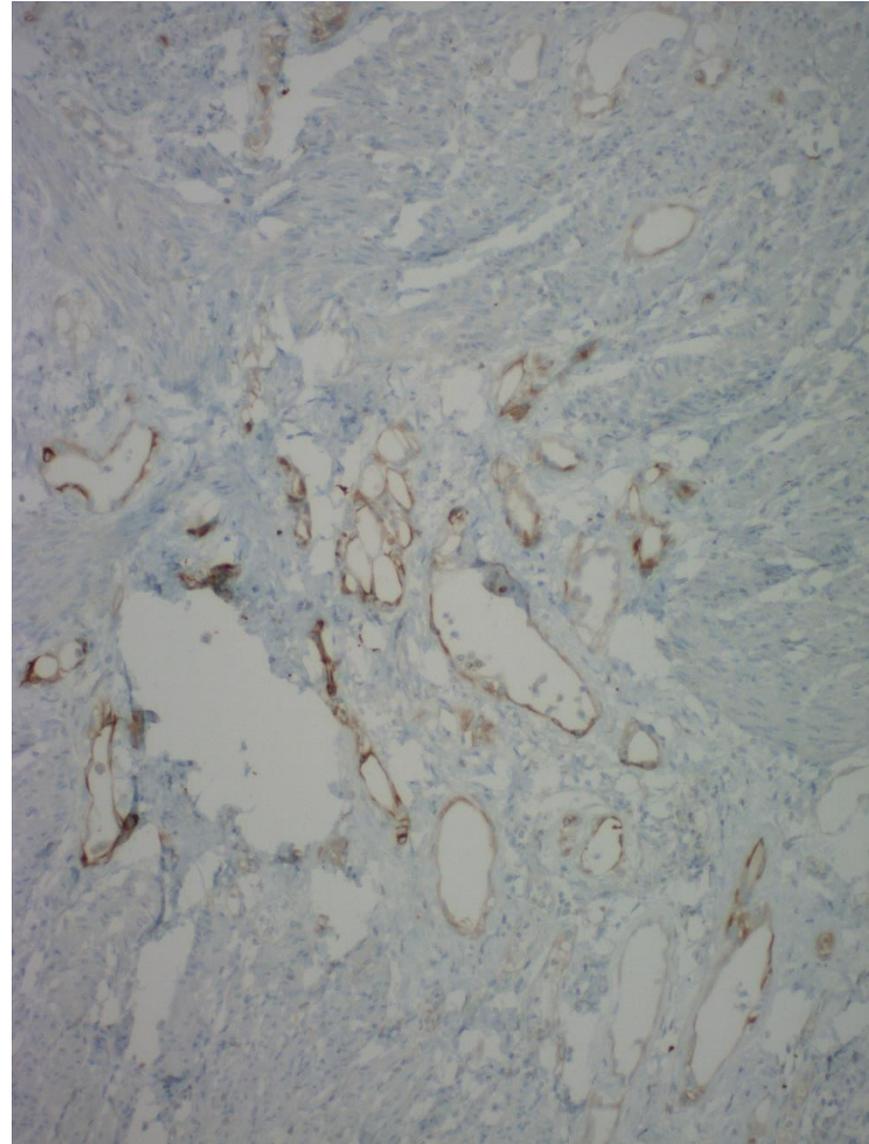


## Question 3

What is your diagnosis?

- (1) Adenomatoid tumor
- (2) Lymphangioma
- (3) Metastatic adenocarcinoma
- (4) Adenomyosis

CK5/6

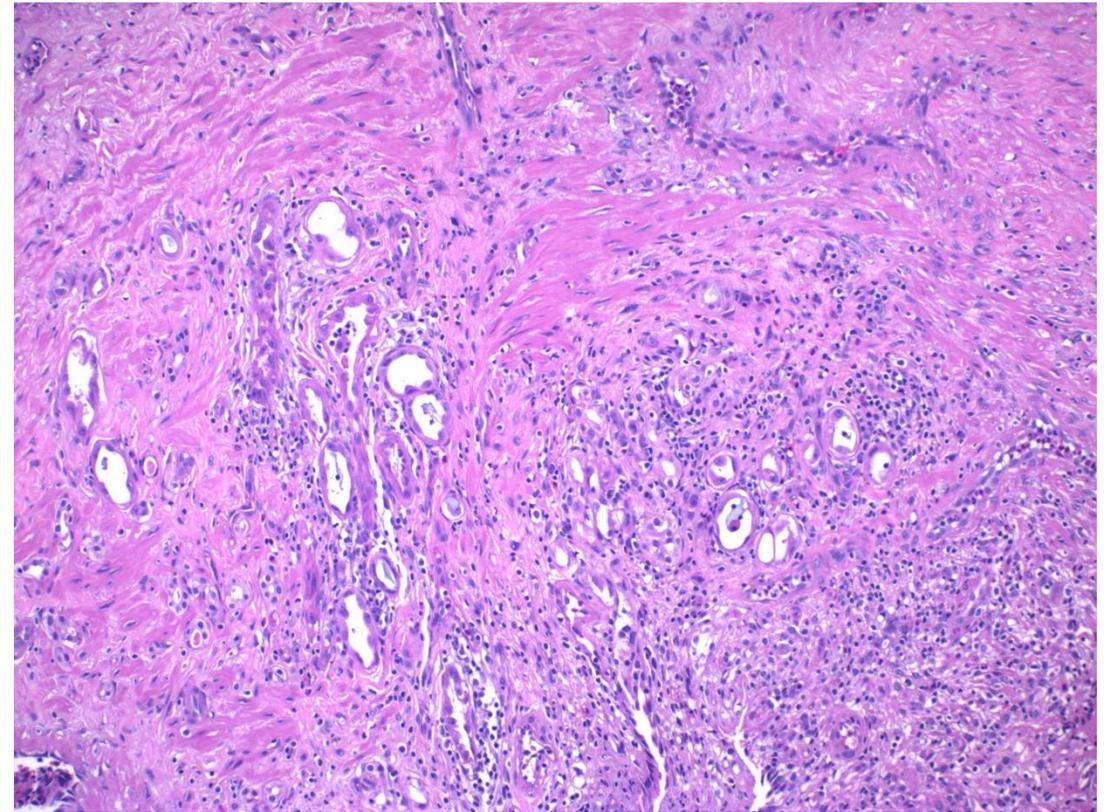


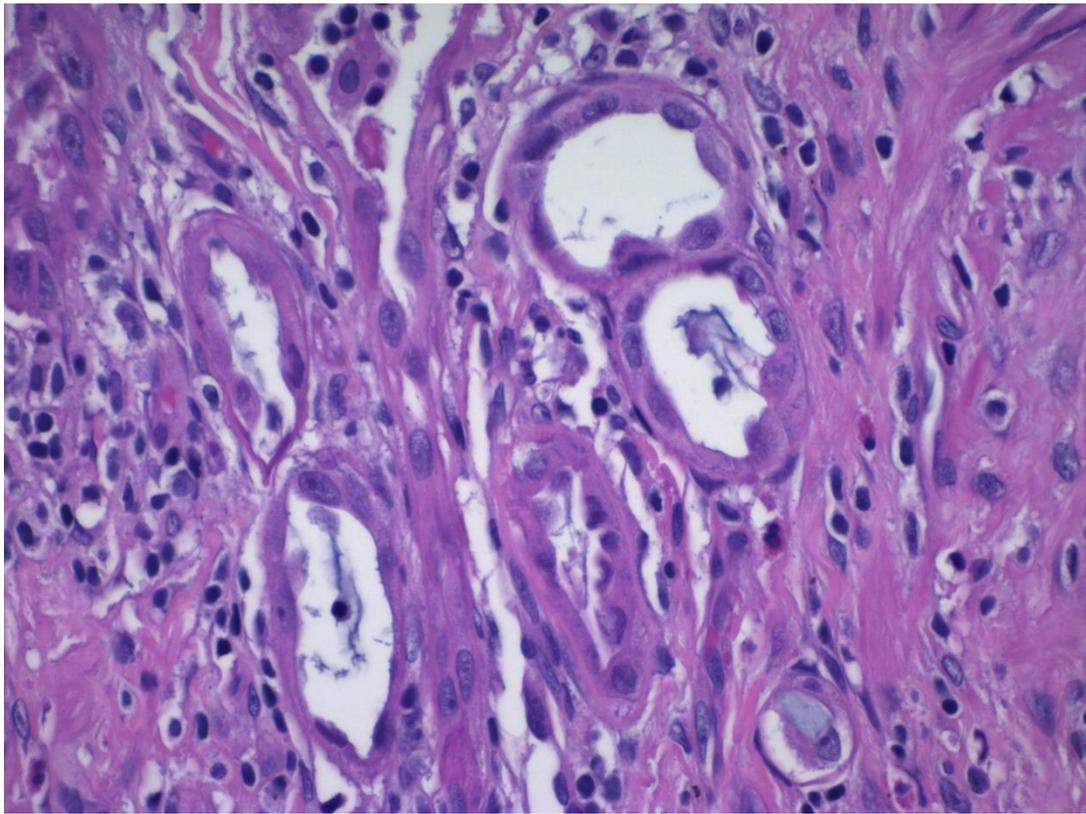
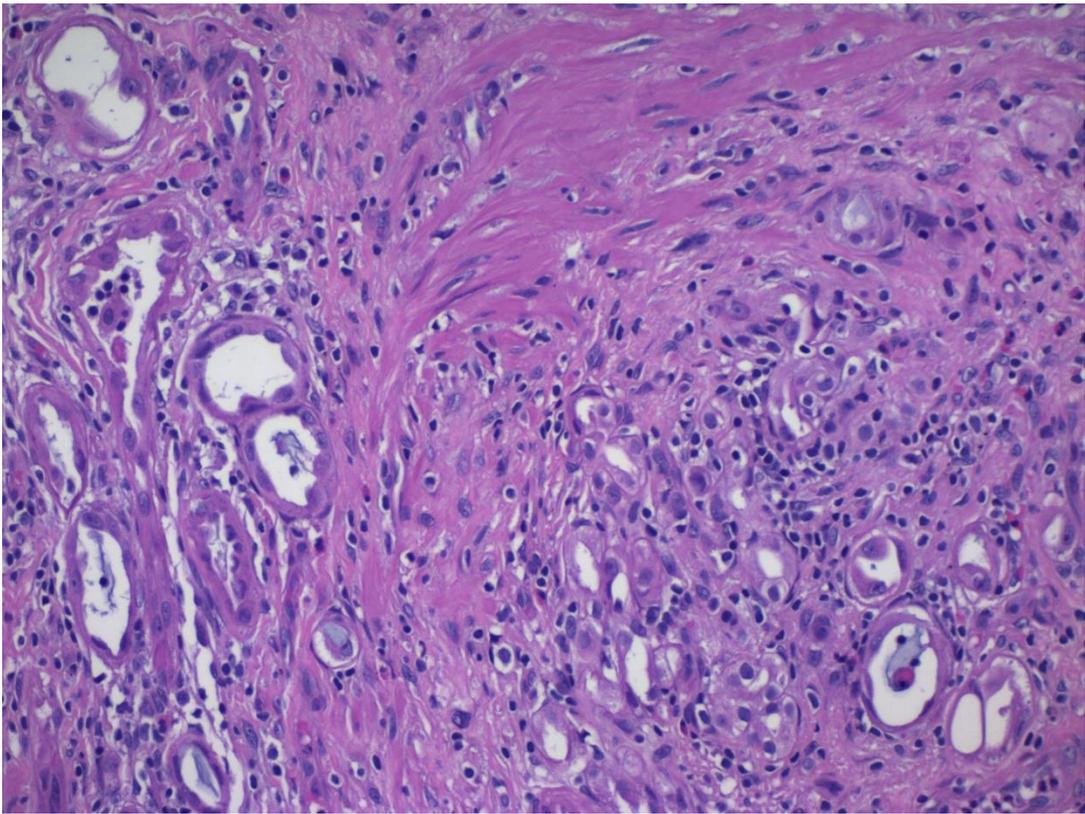
# Question 4

- The lesion is
  1. Epithelial in origin
  2. Vascular in origin
  3. Mesothelial in origin
  4. Not known

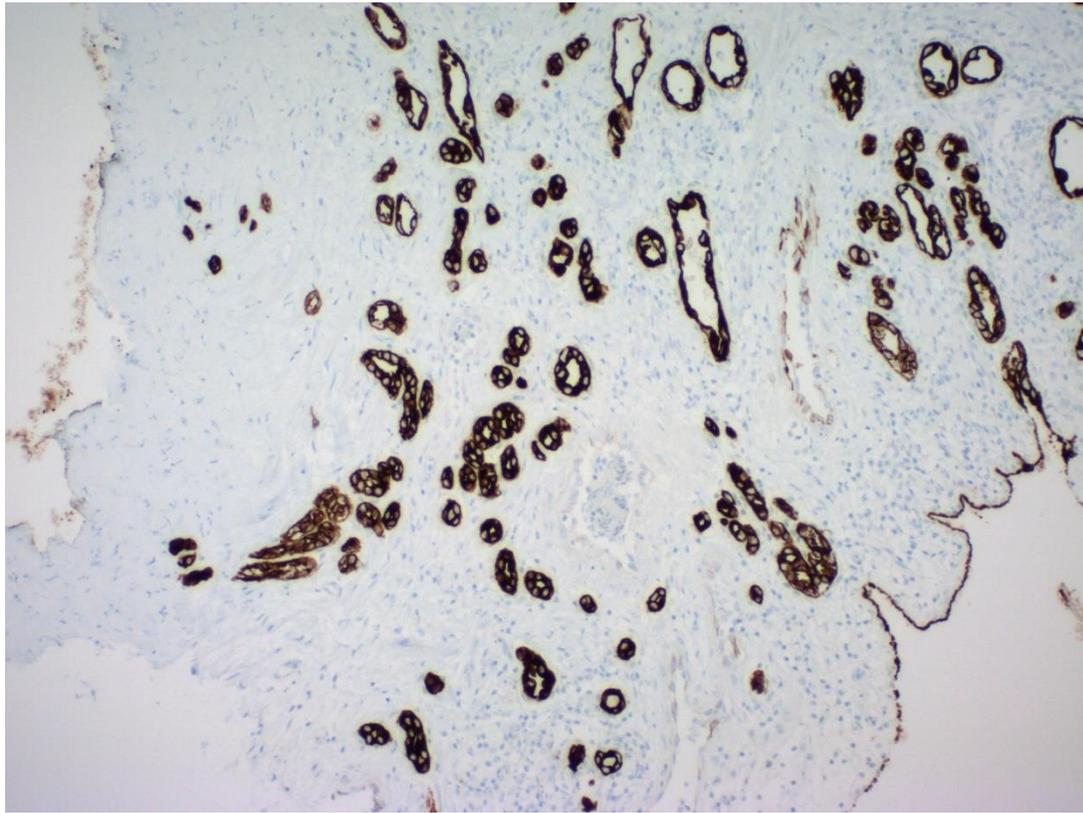
# Questions 5-6

- 63 year old male presented with urgency and frequency of urination. Ultrasound and cystoscopy revealed an enlarged prostate. A transurethral resection of prostate was performed, showing benign prostatic glandular and stromal tissue, with a focus as seen in the picture

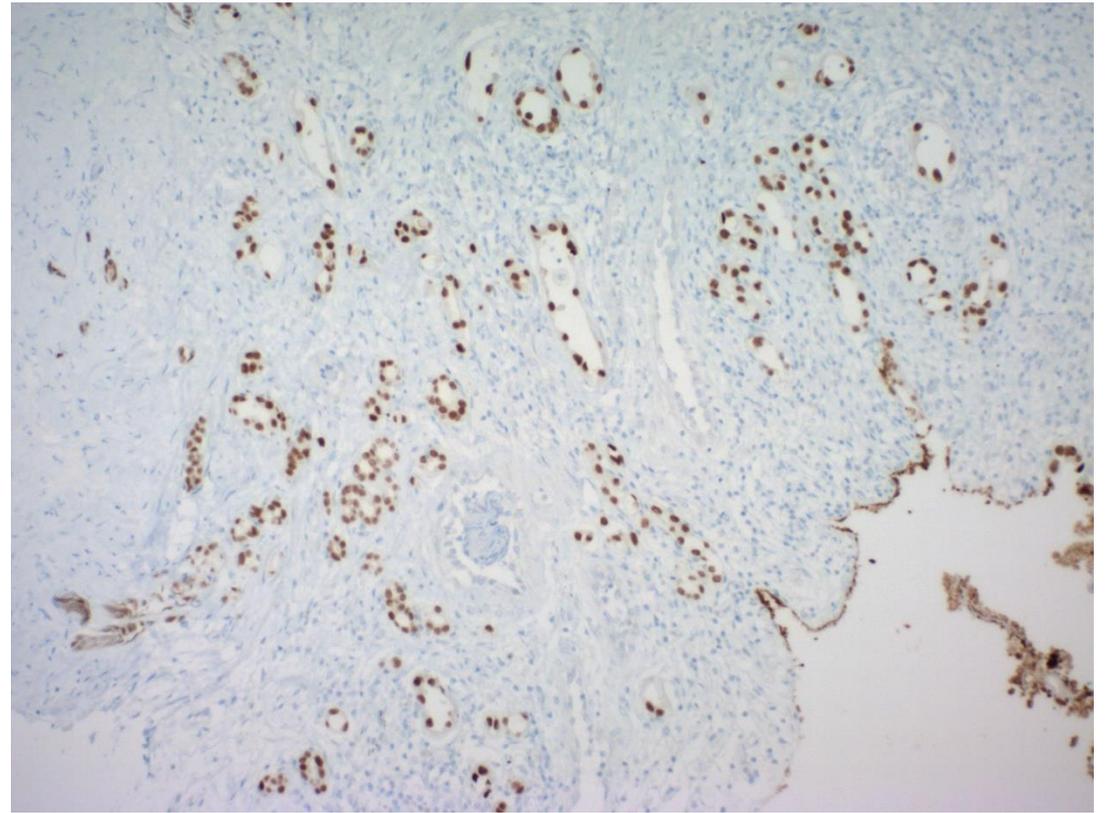




CK 7



Pax 8



# Question 5

- What is the suggested pathogenesis?
  1. Implantation and growth of renal tubular cells in injured urothelial mucosa
  2. Aniline dyes
  3. *TMPRSS2-ERG* fusion
  4. Mutations in fumarate hydratase gene

# Question 6

- What is your diagnosis?
  1. Nested urothelial carcinoma
  2. Prostatic adenocarcinoma
  3. Urothelial carcinoma with glandular differentiation
  4. Nephrogenic adenoma

