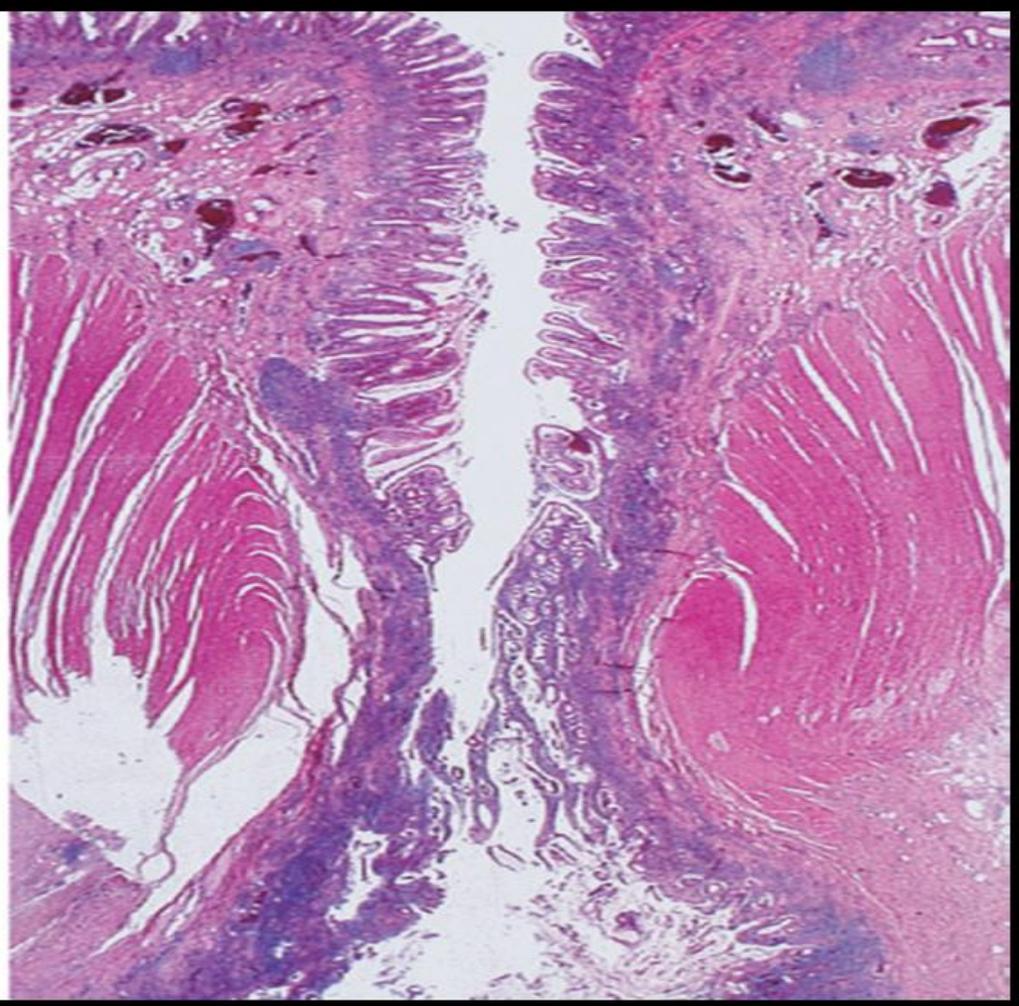
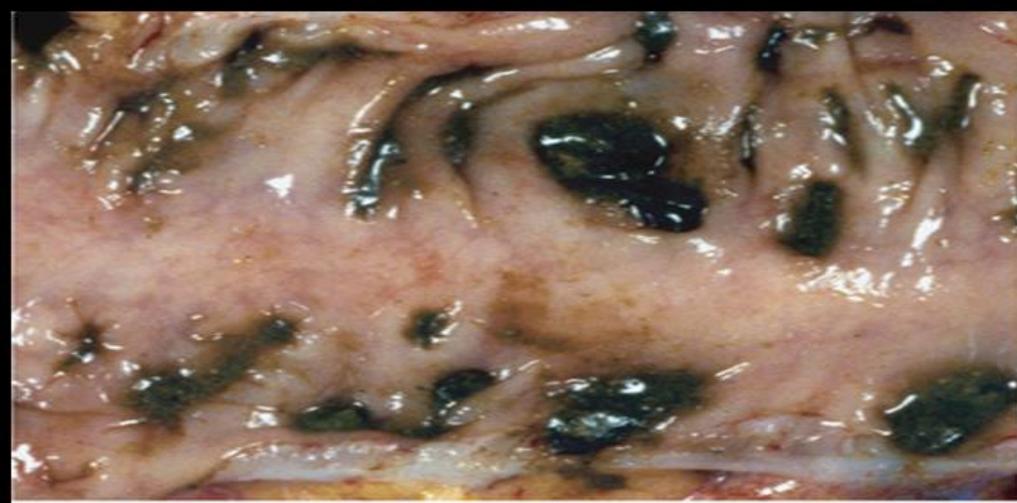


Diseases of the intestine Lab

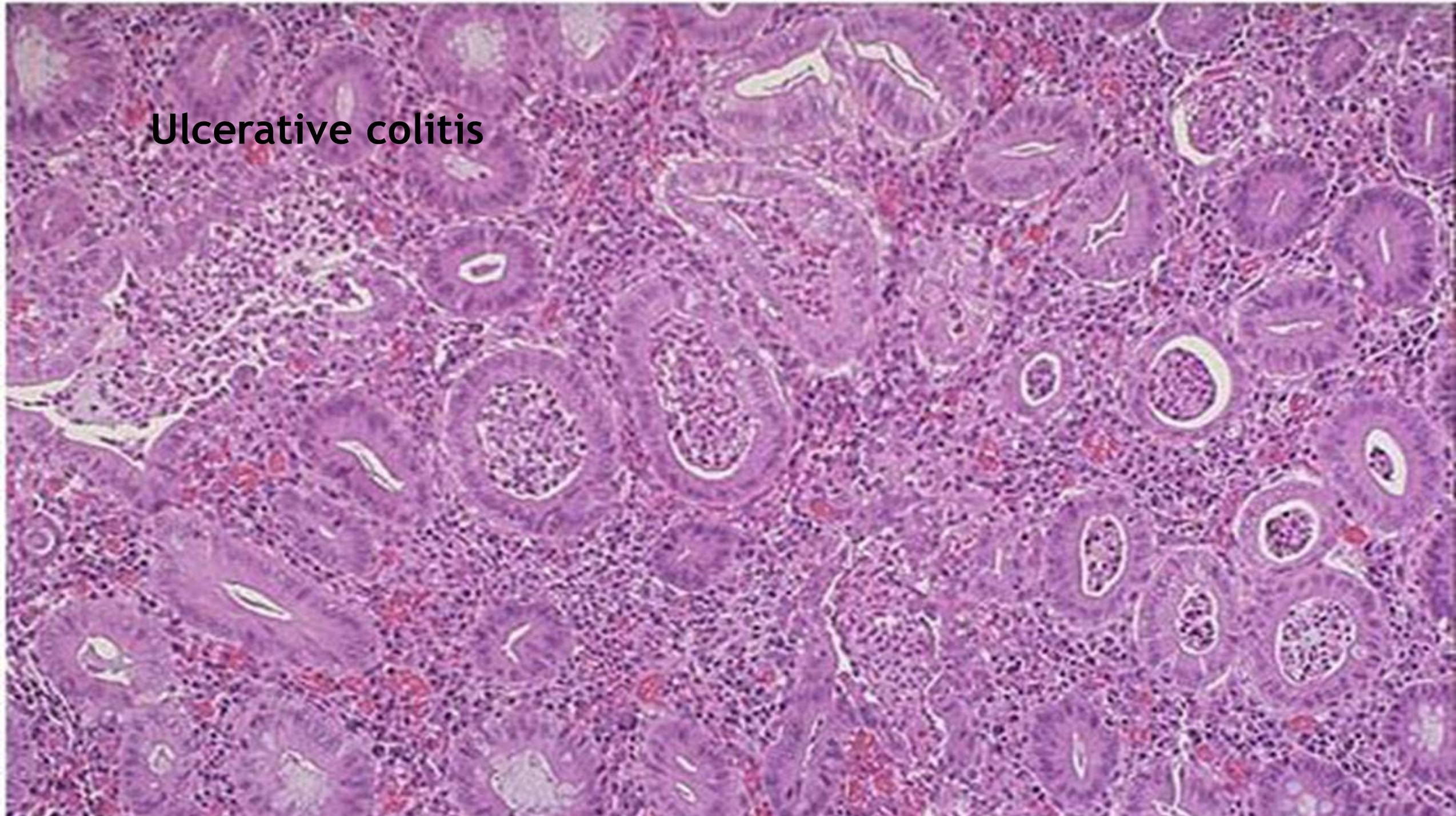
Sura al Rawabdeh MD

April 2024

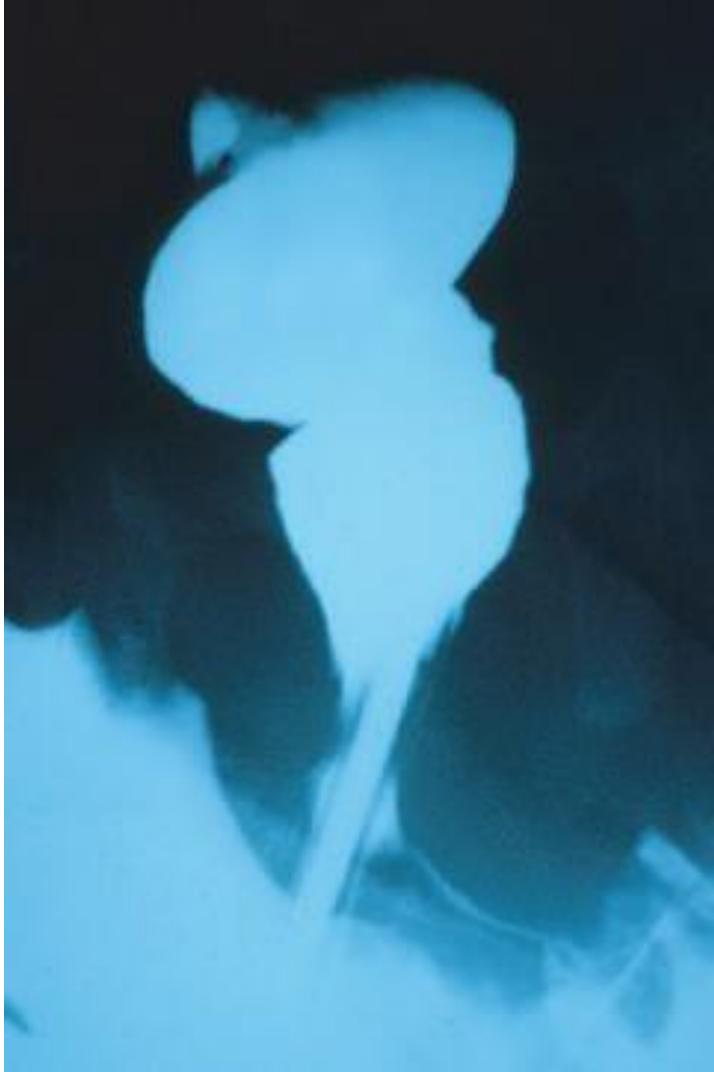
Sigmoid Diverticulitis



Ulcerative colitis



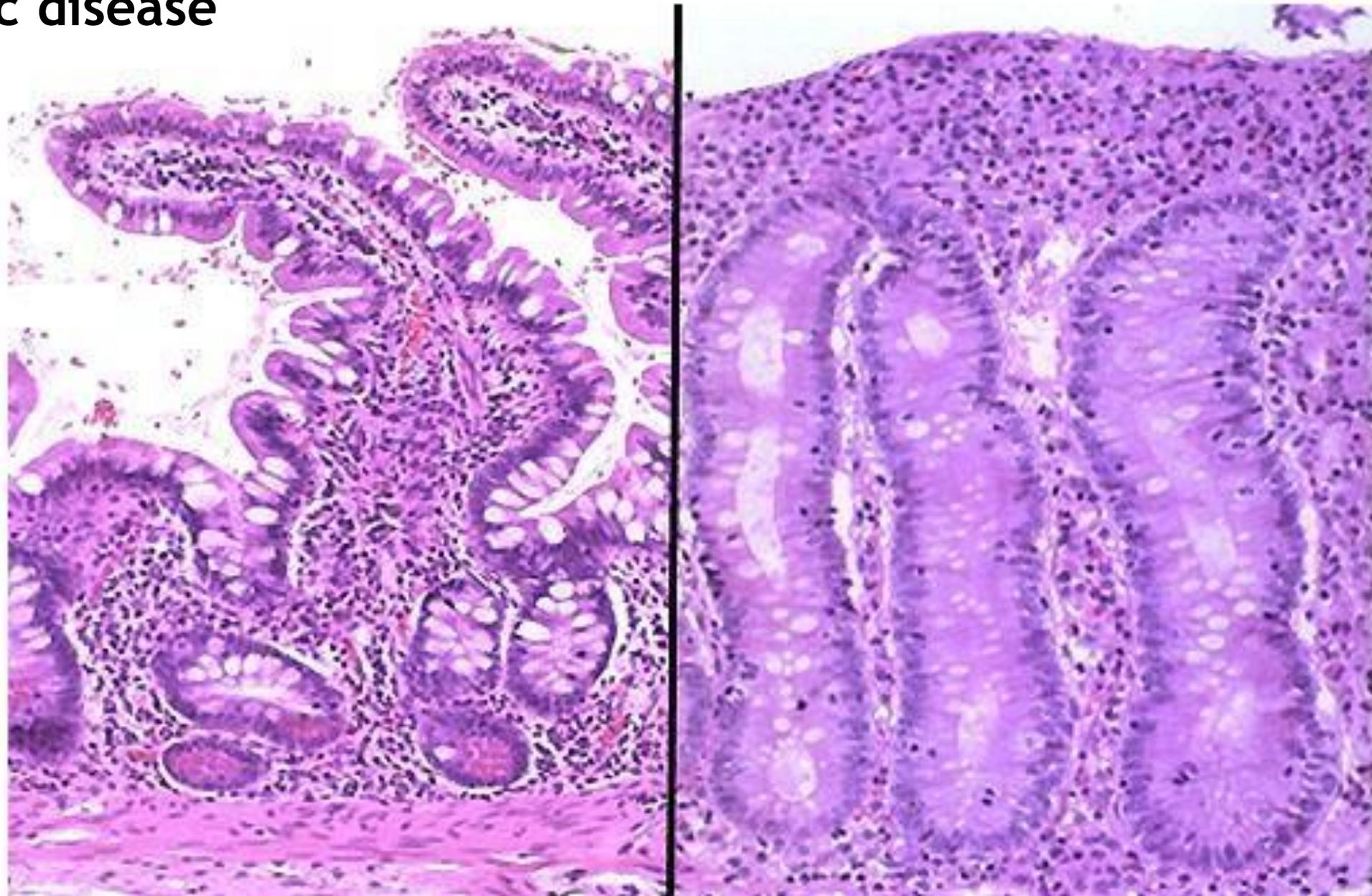
Hirschsprung Disease



Celiac disease

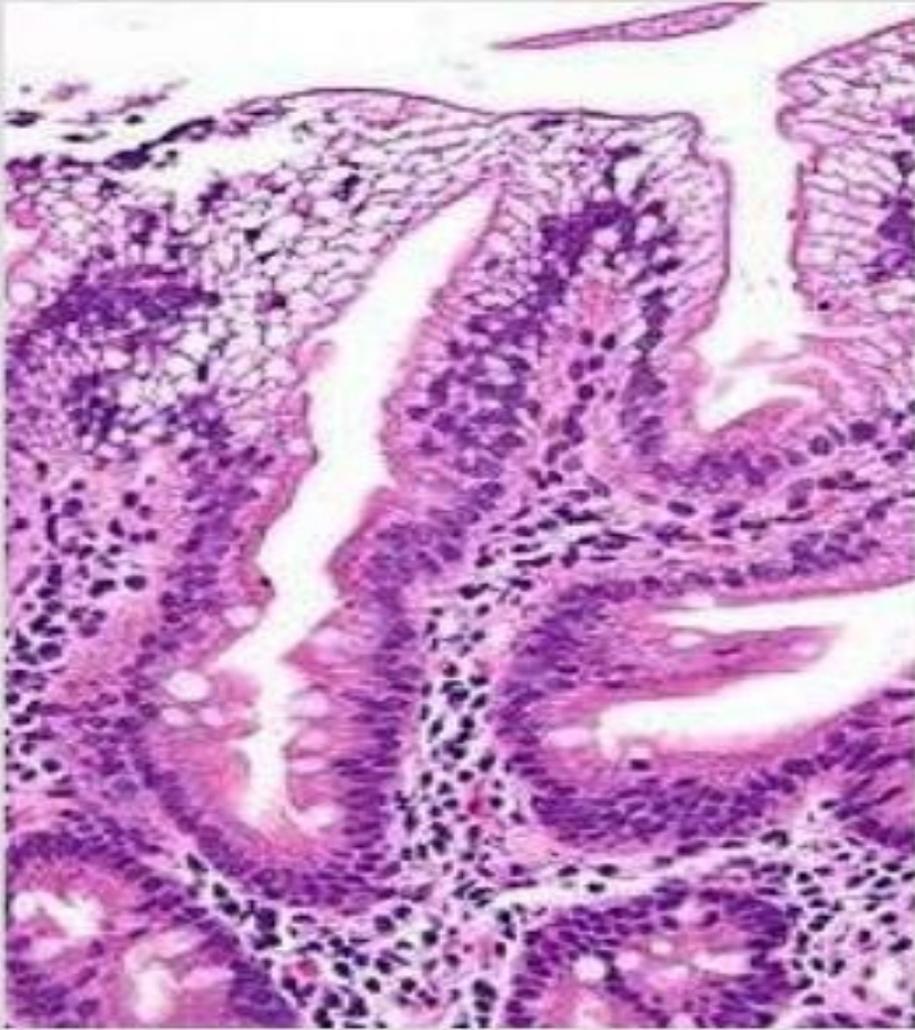


Celiac disease



webpathology

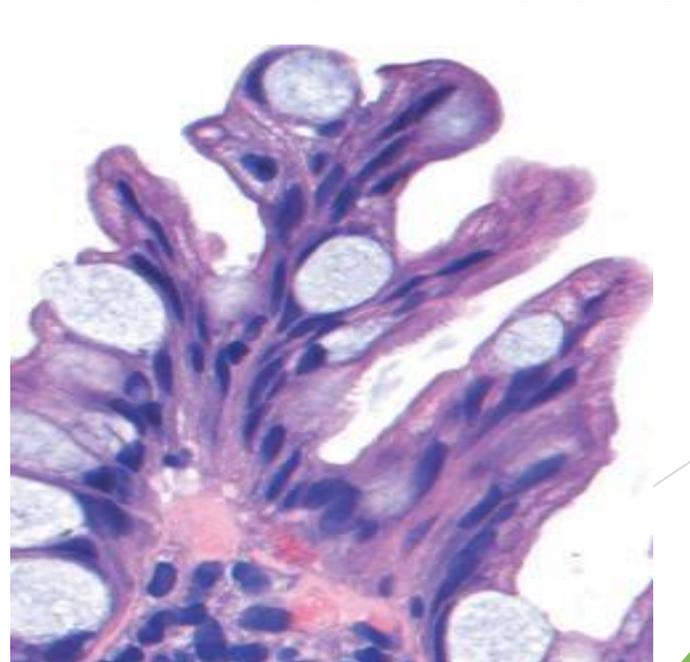
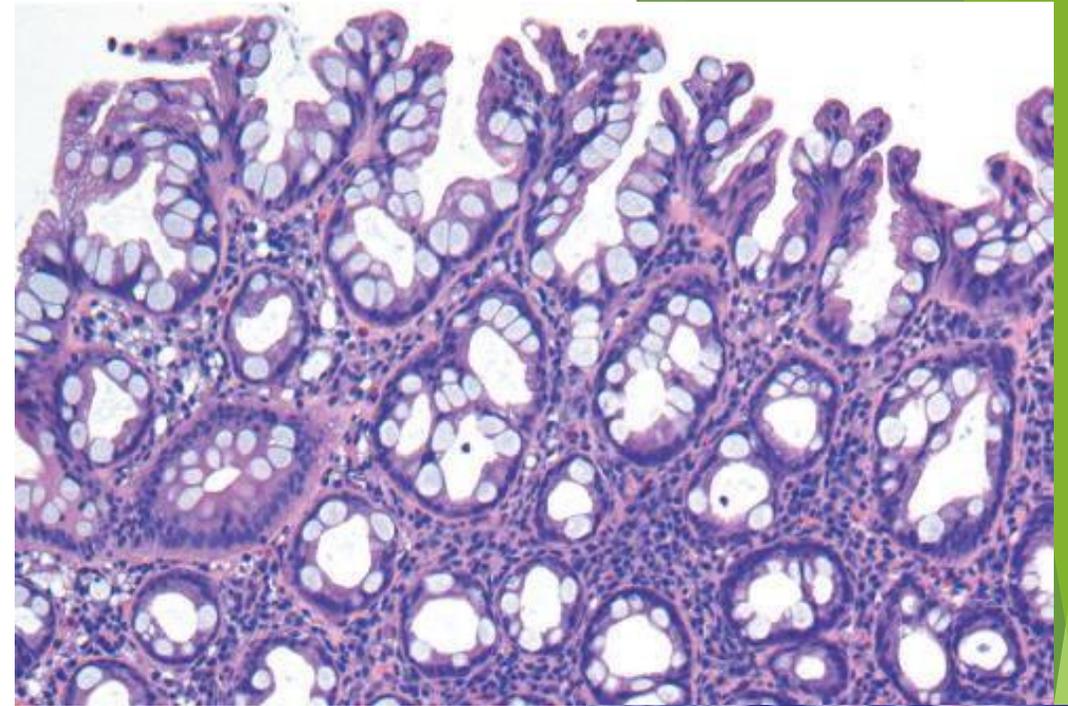
Abetalipoproteinemia



Micrograph showing enterocytes with a clear cytoplasm (due to lipid accumulation) characteristic of abetalipoproteinemia.

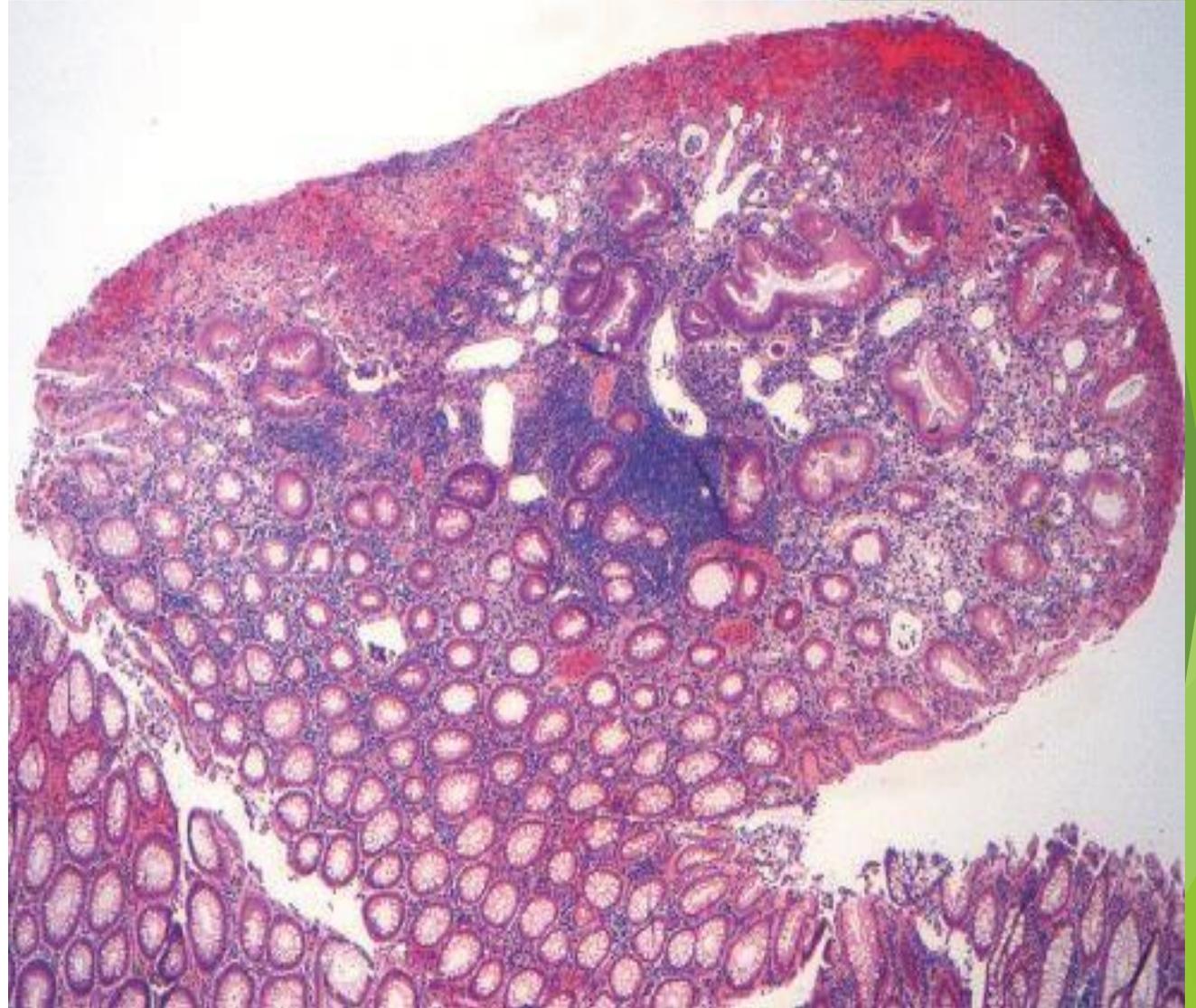
Hyperplastic polyp

- ▶ Left colon
 - Rectosigmoid.
 - Small < 5 mm
 - Multiple
- Crowding of goblet & absorptive cells.
- Serrated surface: hallmark of these lesions



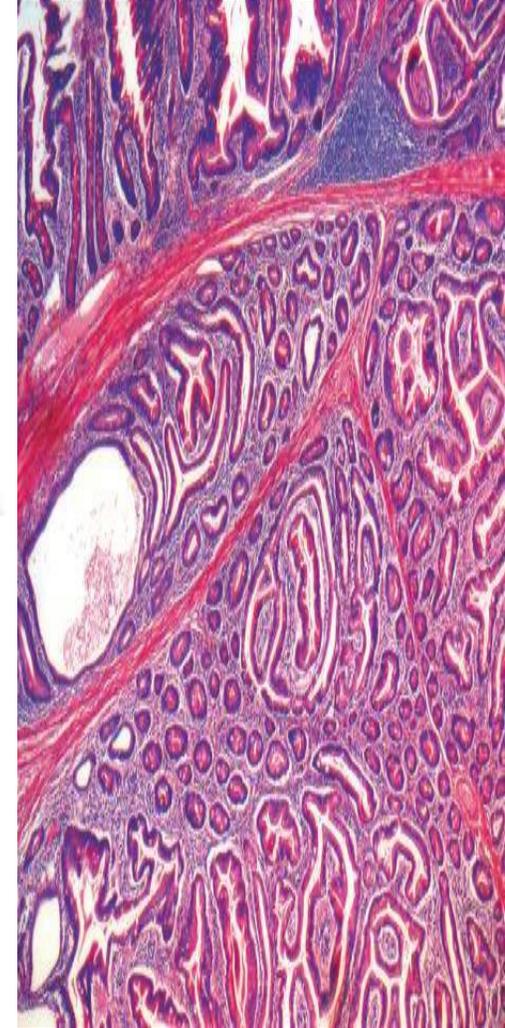
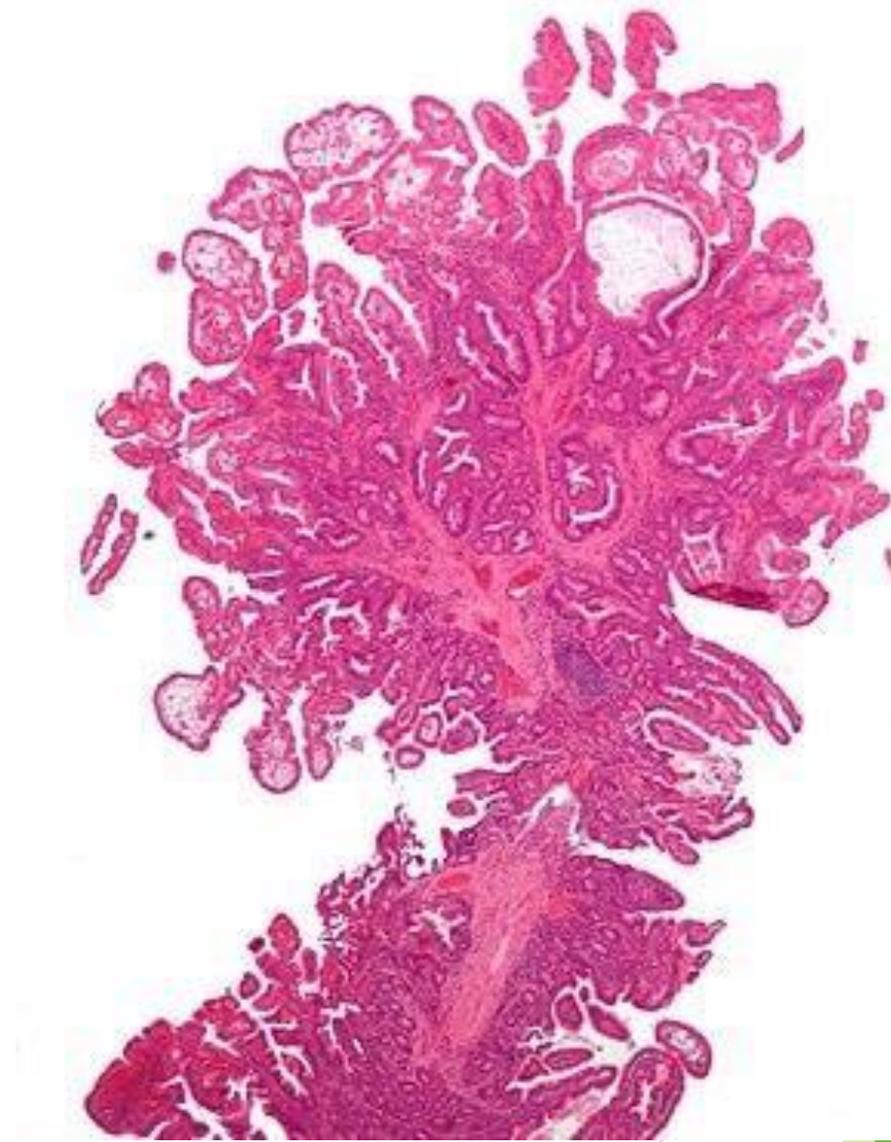
Juvenile Polyps

- ▶ **Pedunculated**
- **Reddish lesions**
- **Cystic spaces on cut sections**
- **Dilated glands filled with mucin and inflammatory debris.**
- **Granulation tissue on surface.**



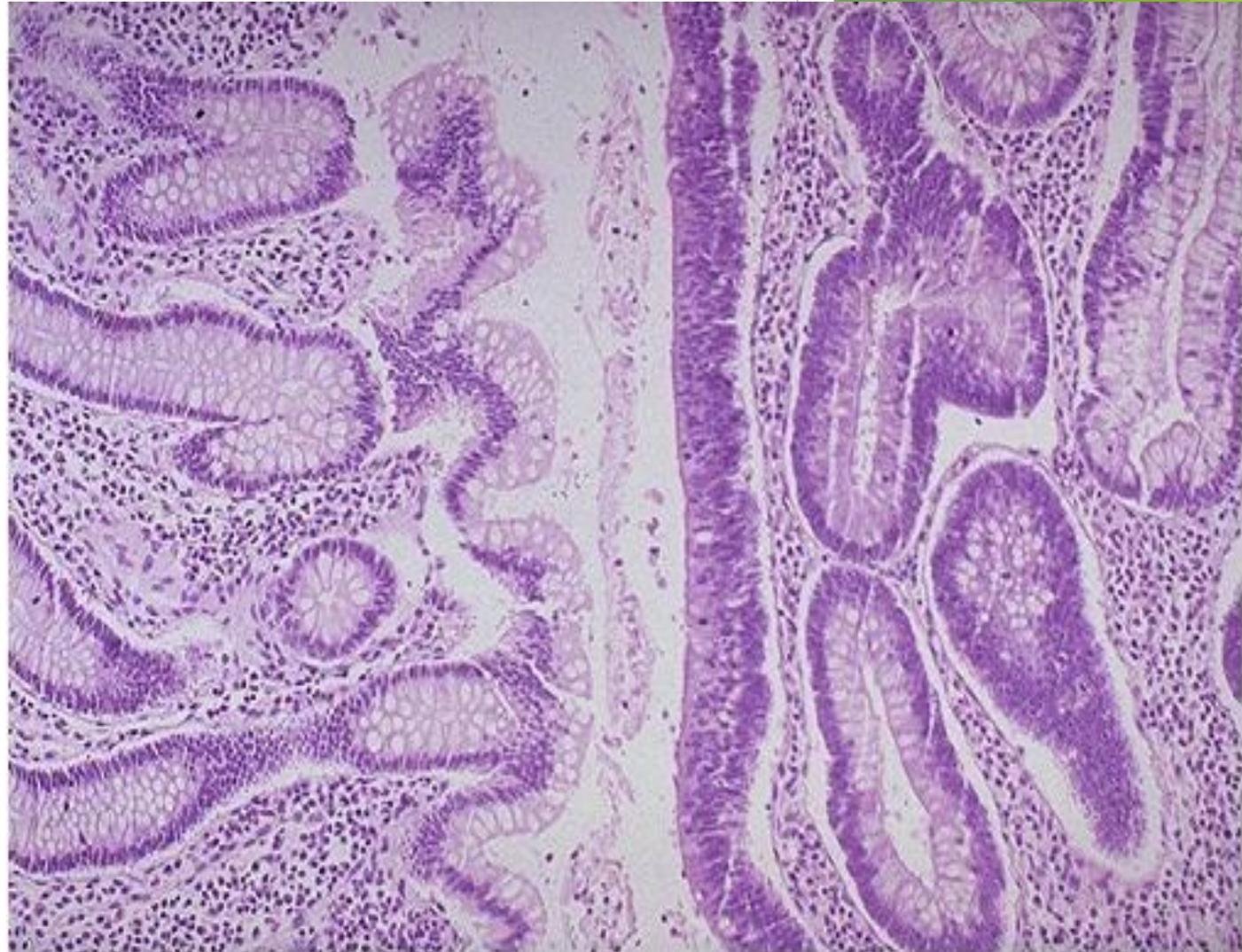
Peutz-Jeghers polyp

- ▶ Large.
- Arborizing network of connective tissue, smooth muscle, lamina propria
- Glands lined by normal-appearing intestinal epithelium
- Christmas tree pattern.

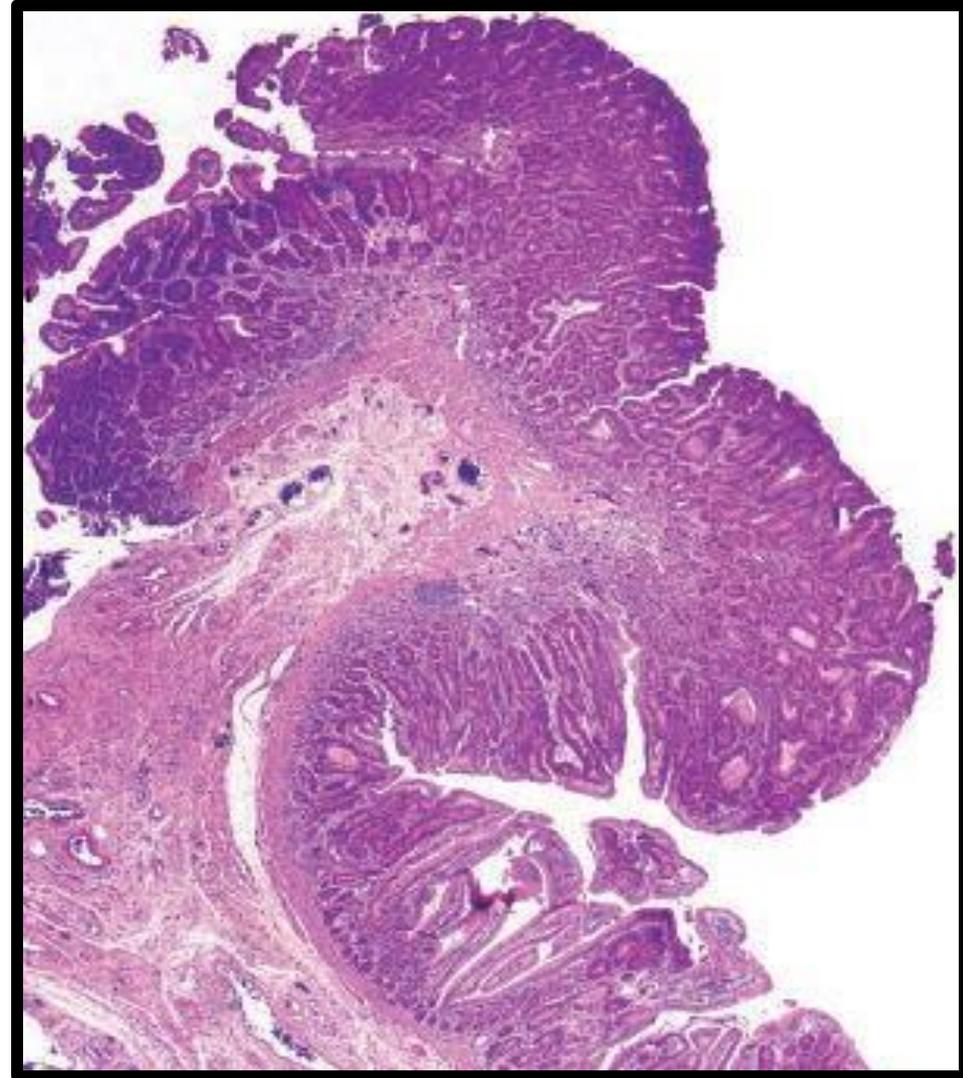
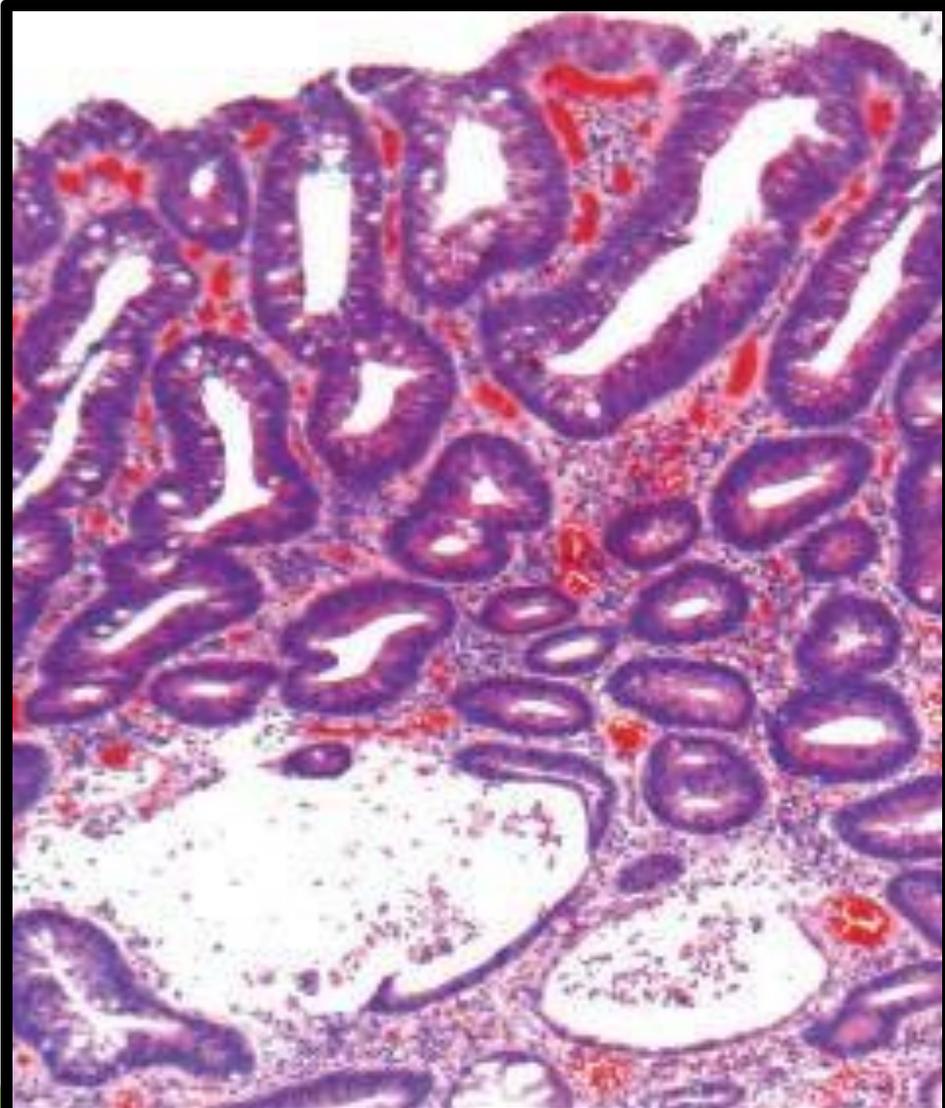


Colon adenoma

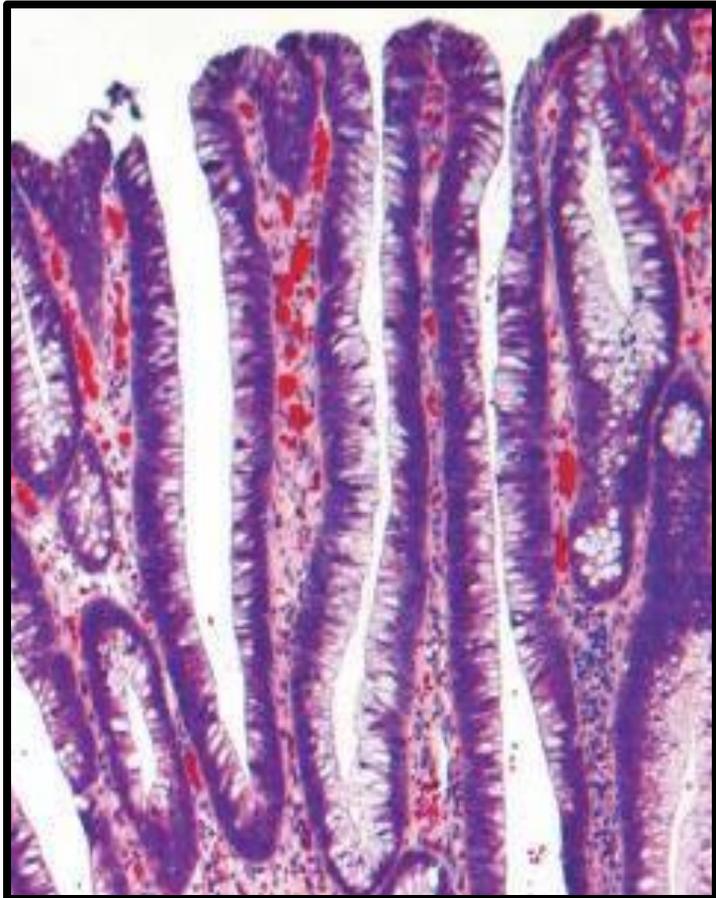
- ▶ **Hallmark: epithelial dysplasia**
- **Dysplasia: nuclear hyperchromasia, elongation, stratification, high N/C ratio.**
- **Size : most important correlate with risk for malignancy**
- **High-grade dysplasia is the second factor**



Tubular adenoma



Villous adenoma.



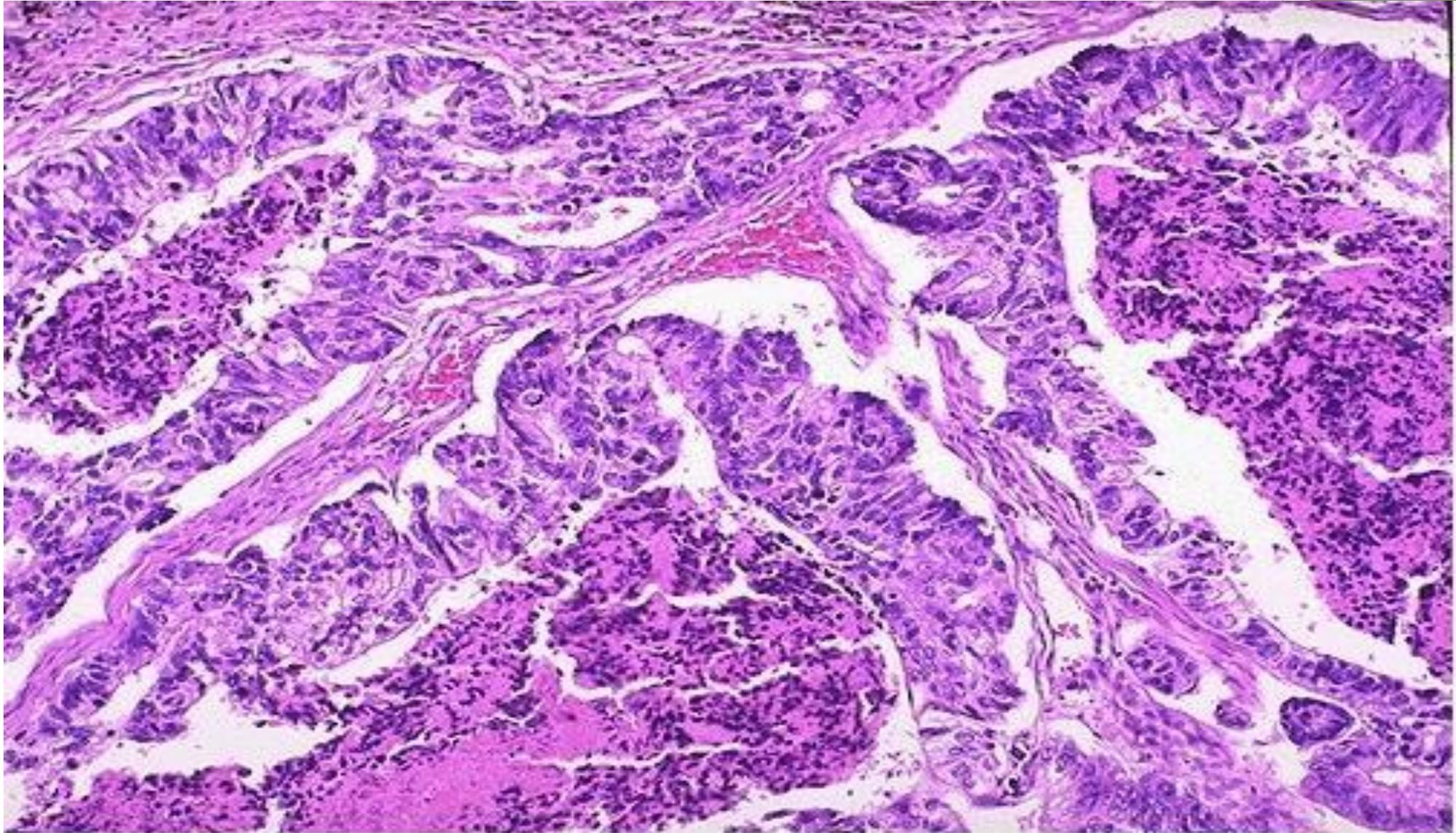
- ▶ Long slender villi.
- More frequent invasive foci

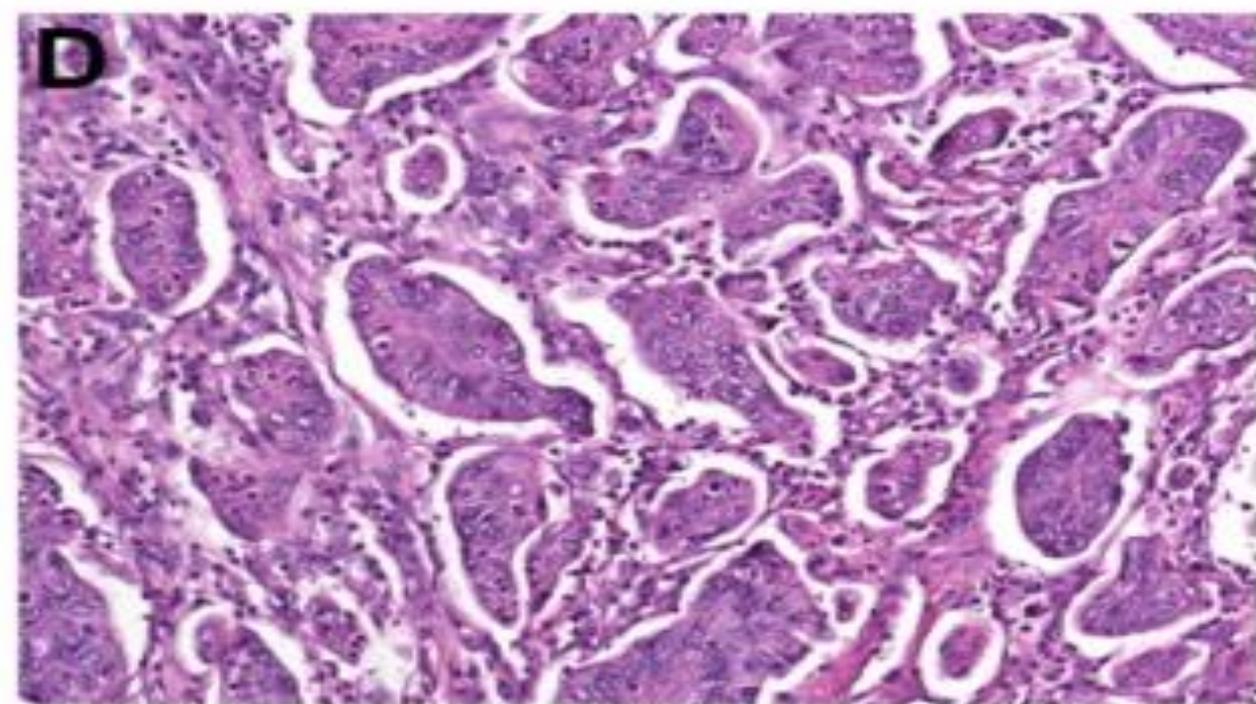
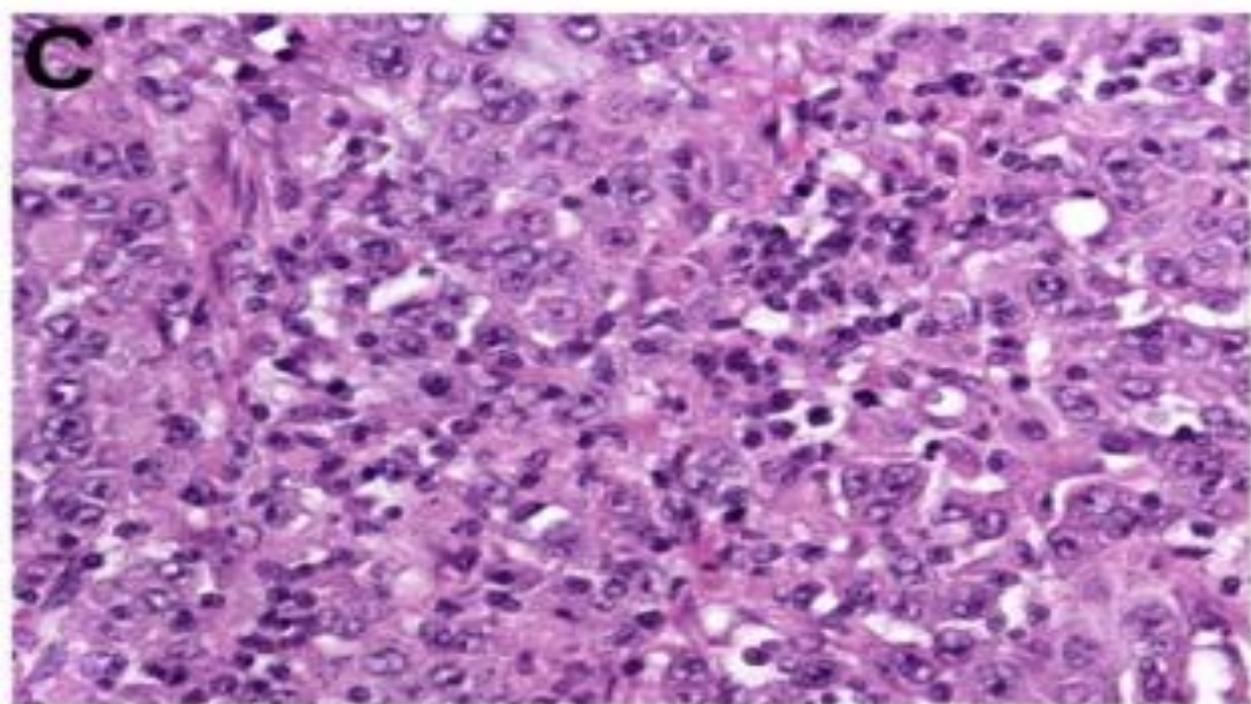
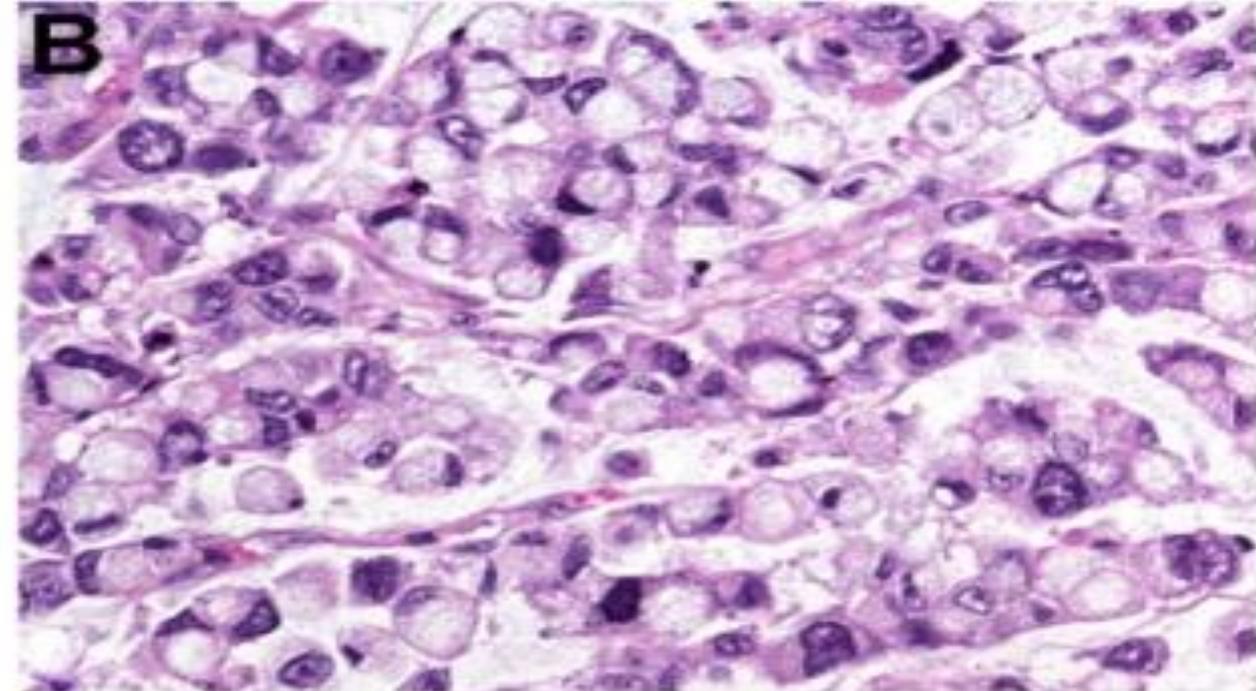
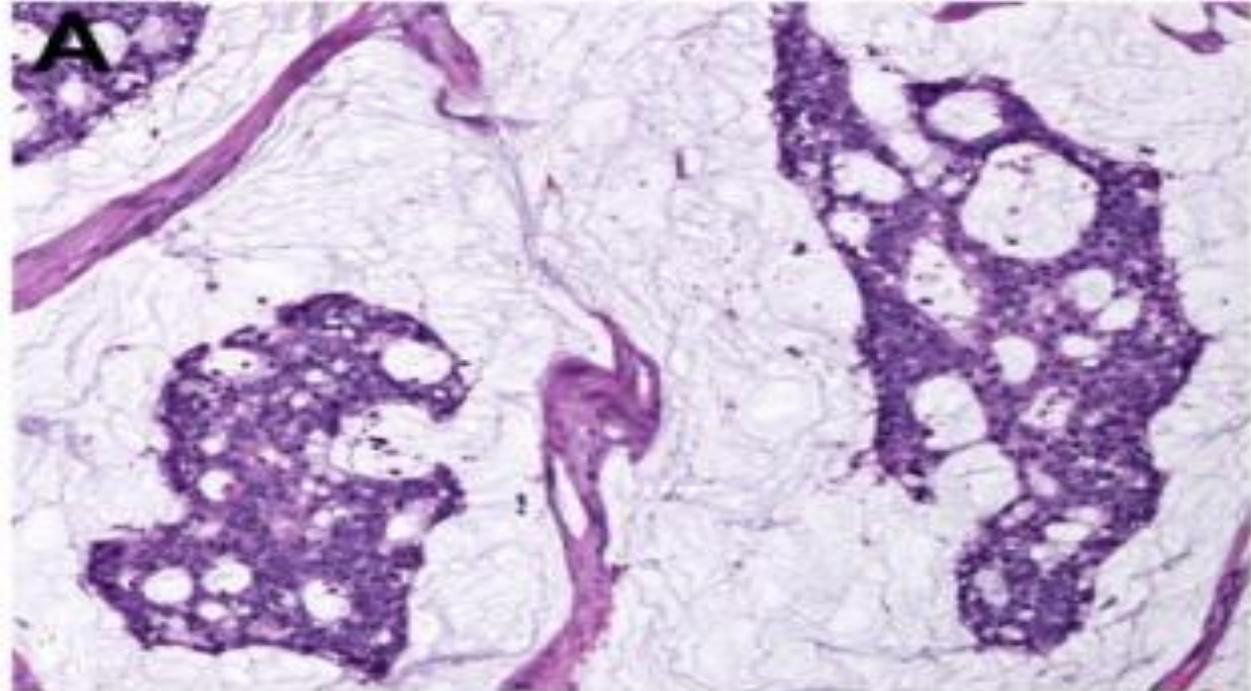
- ▶ Architecture:
- ▶ Tubular.
- ▶ Tubulovillous.
- Villous.

FAP

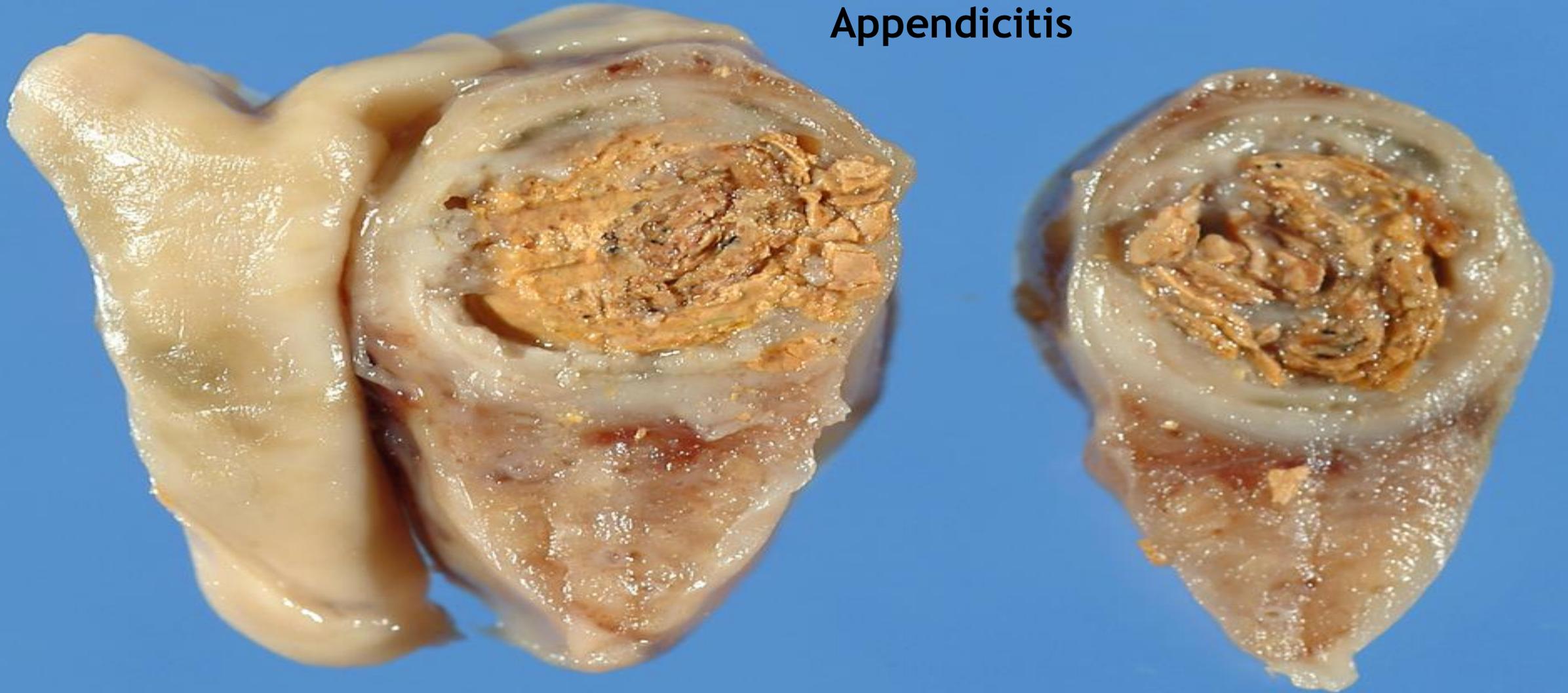


Adenocarcinoma with necrosis





Appendicitis



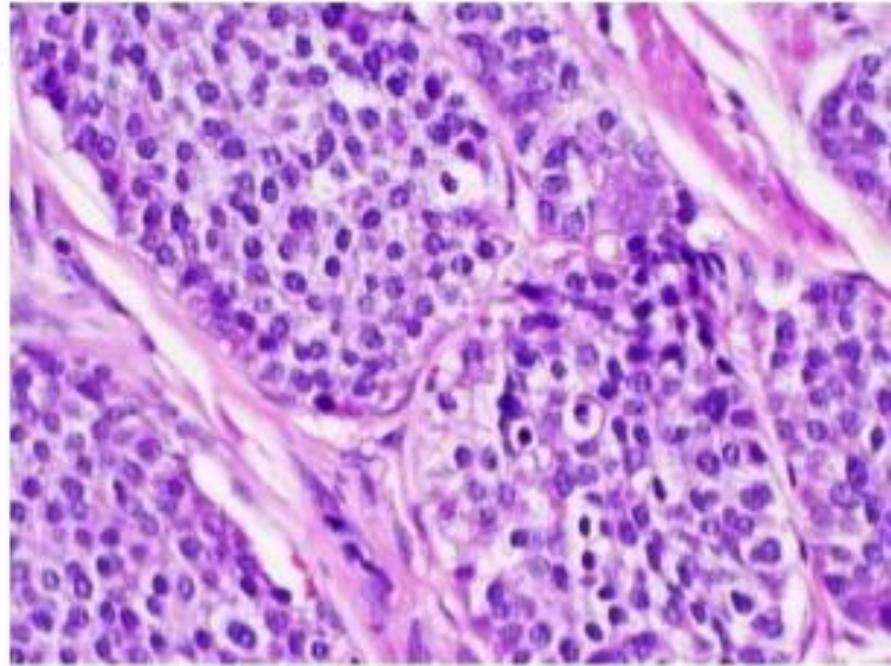
HÔPITAL
SAINTE-JUSTINE



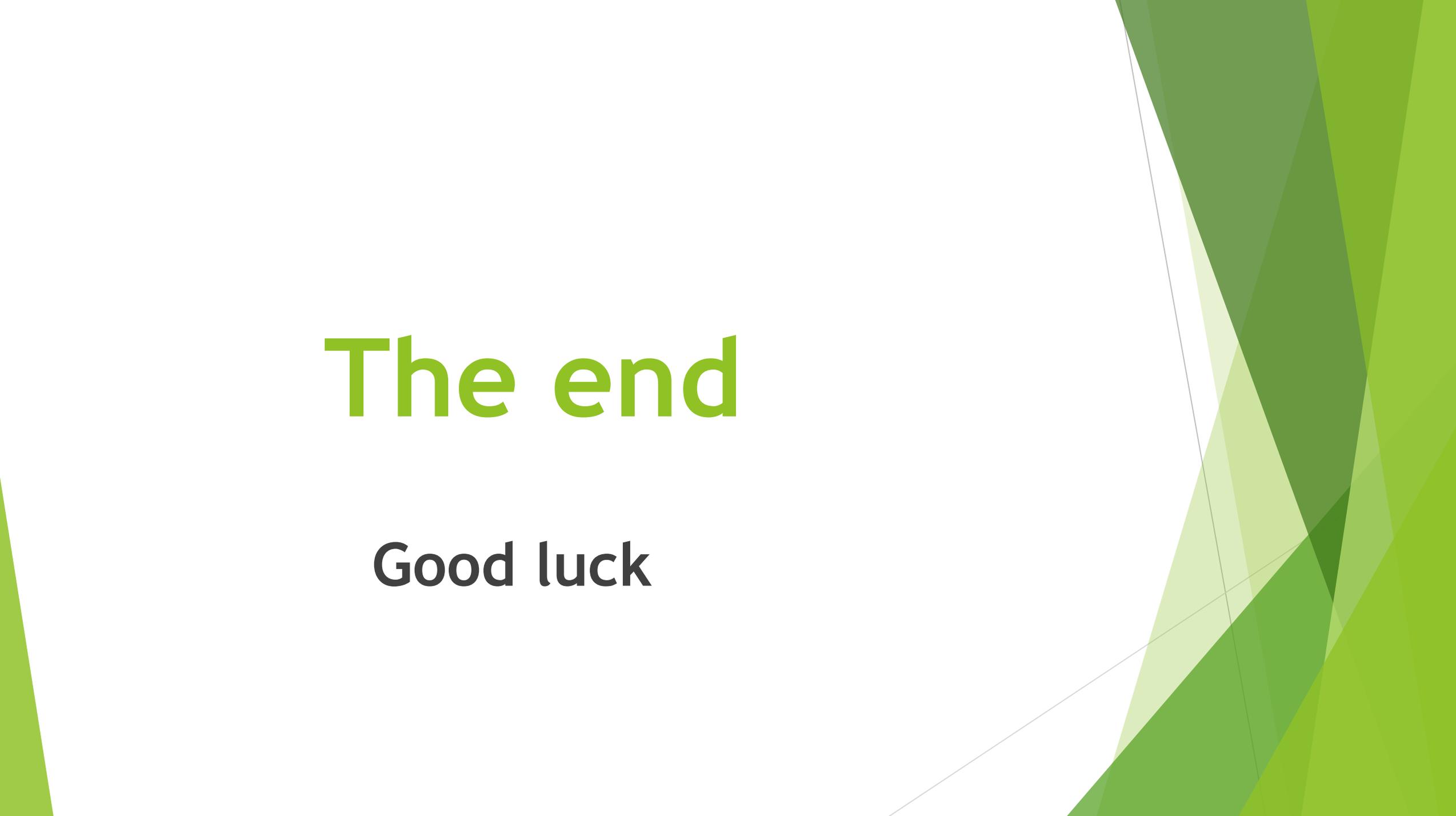
Carcinoid tumor



Gross



Microscopic

The background features abstract, overlapping geometric shapes in various shades of green, ranging from light lime to dark forest green. These shapes are primarily located on the right side of the frame, creating a dynamic, layered effect. The rest of the background is plain white.

The end

Good luck