

Radiology of common GIT Diseases

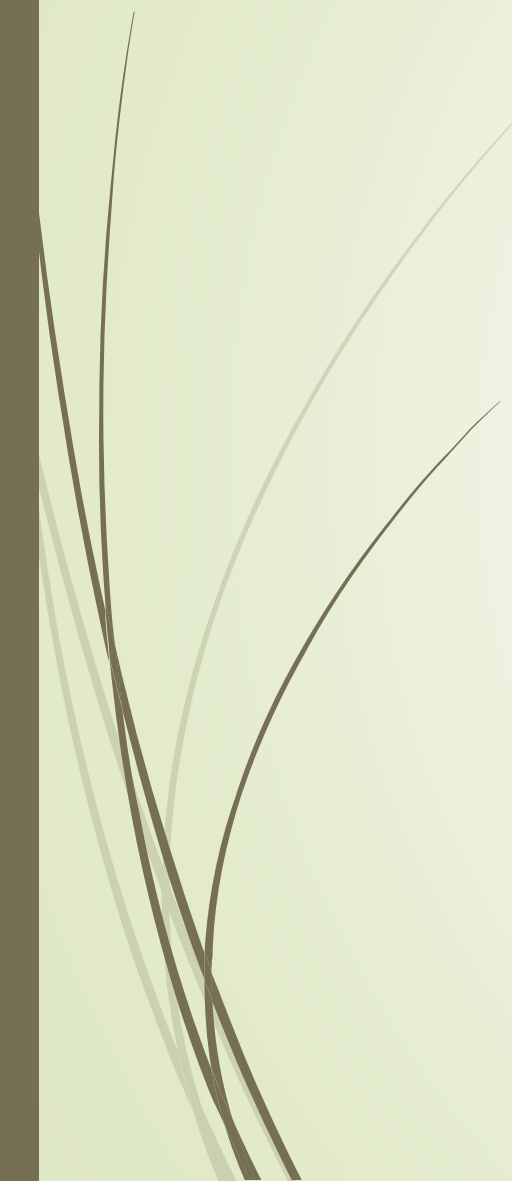


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Interventional Radiologist**

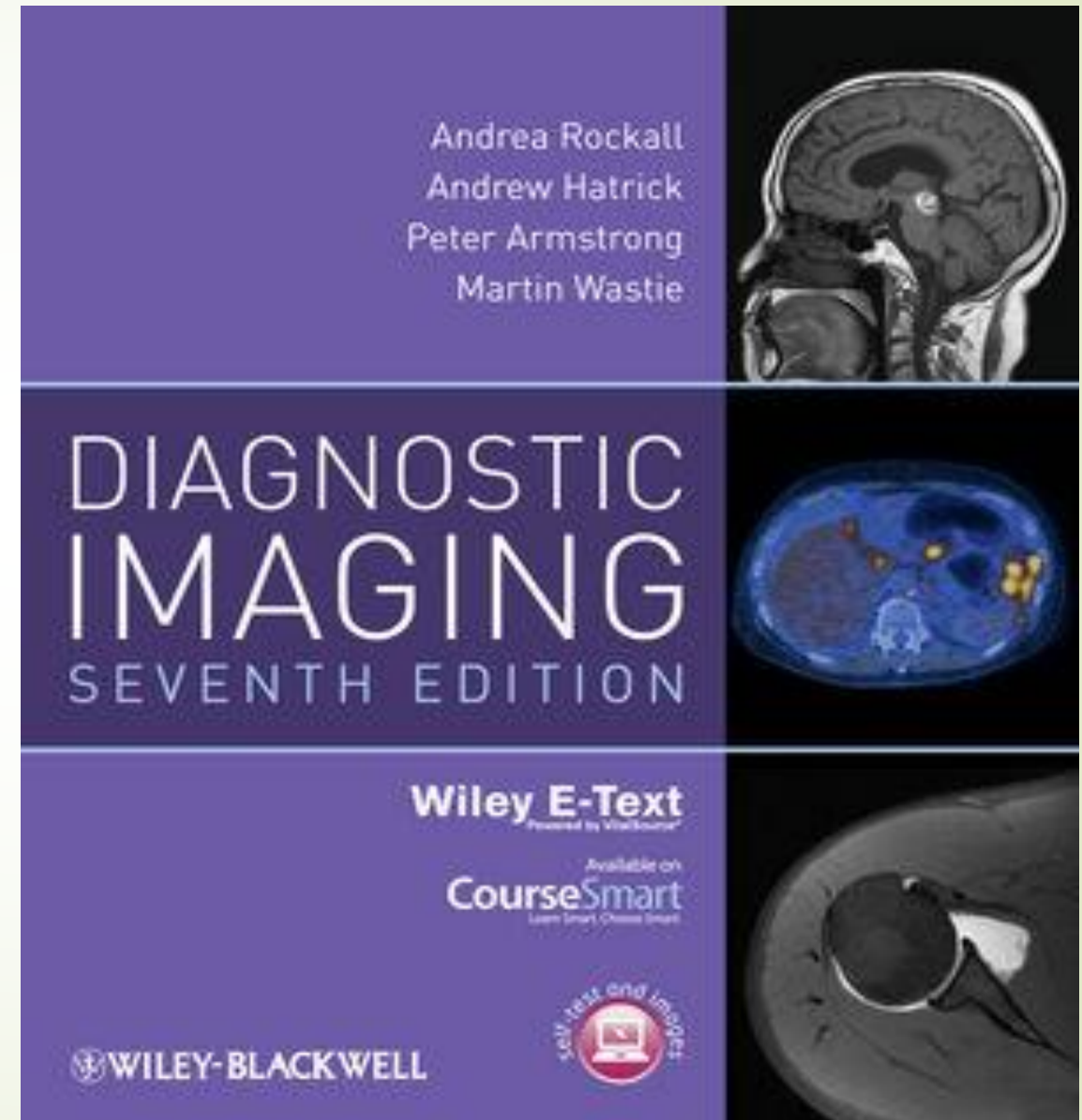


Objectives:

- To know the common GIT pathologies presentation.
 - To understand step wise approach in requesting GIT radiology investigations.
 - To know common radiological pathologies in GIT.
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Reference:

- Diagnostic imaging:
- Chapter 6





Esophagus

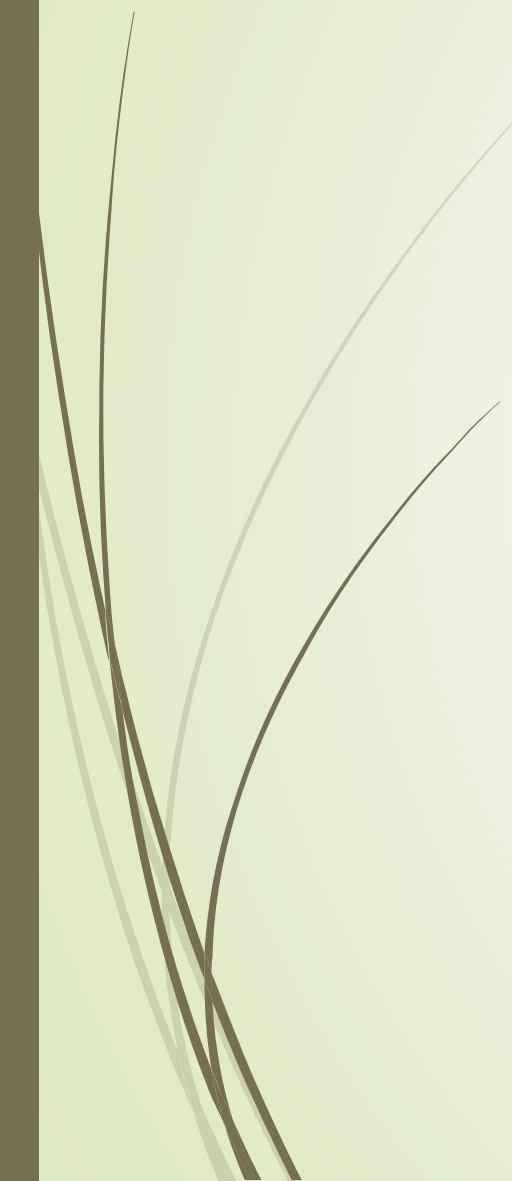


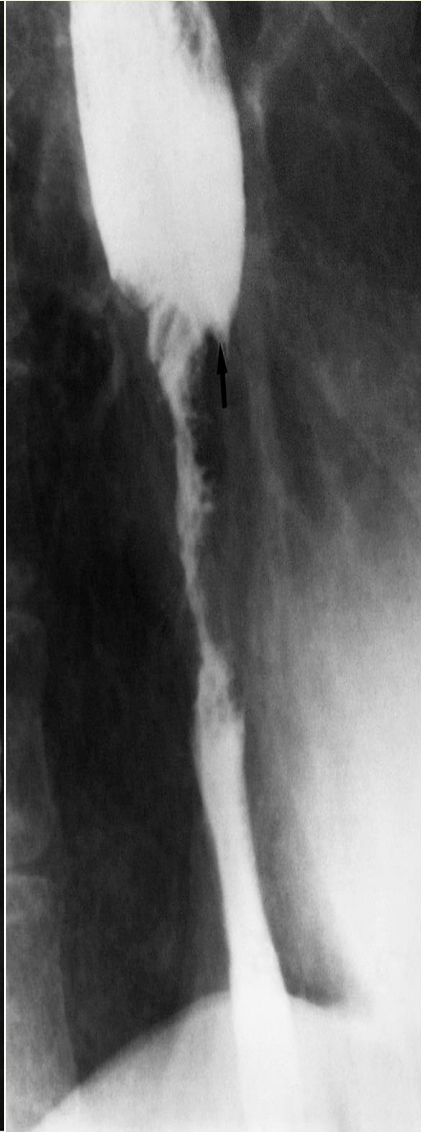
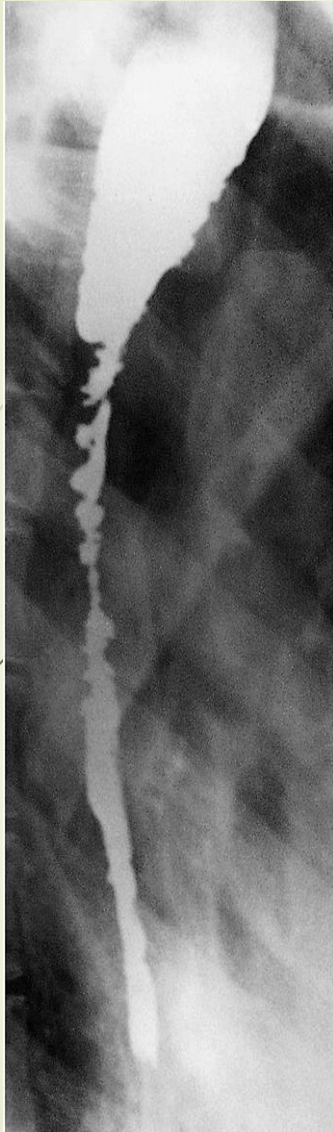
Clinical signs and symptoms:

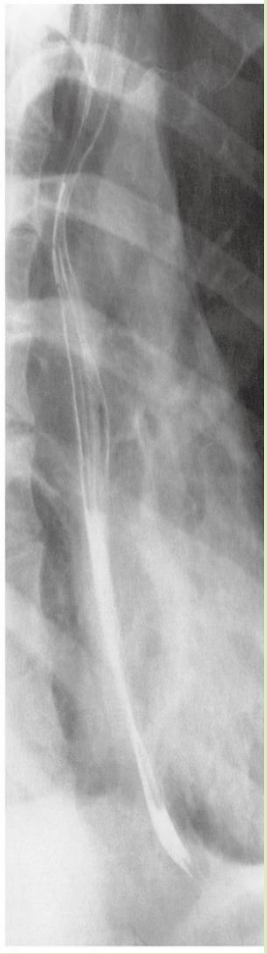
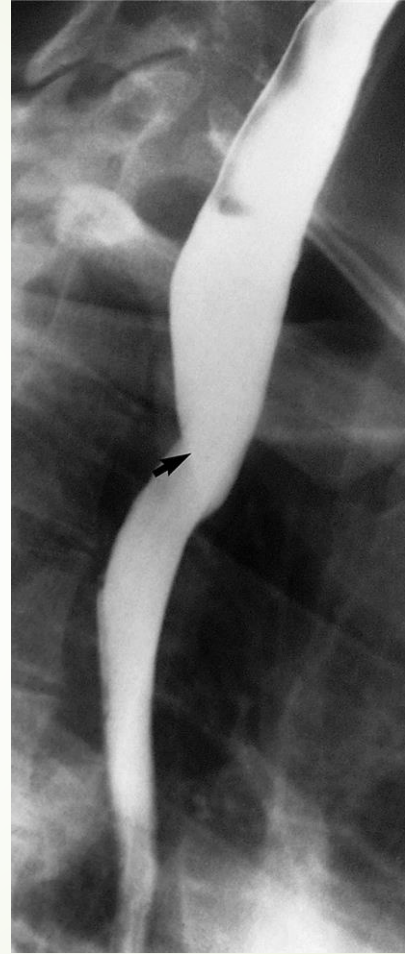
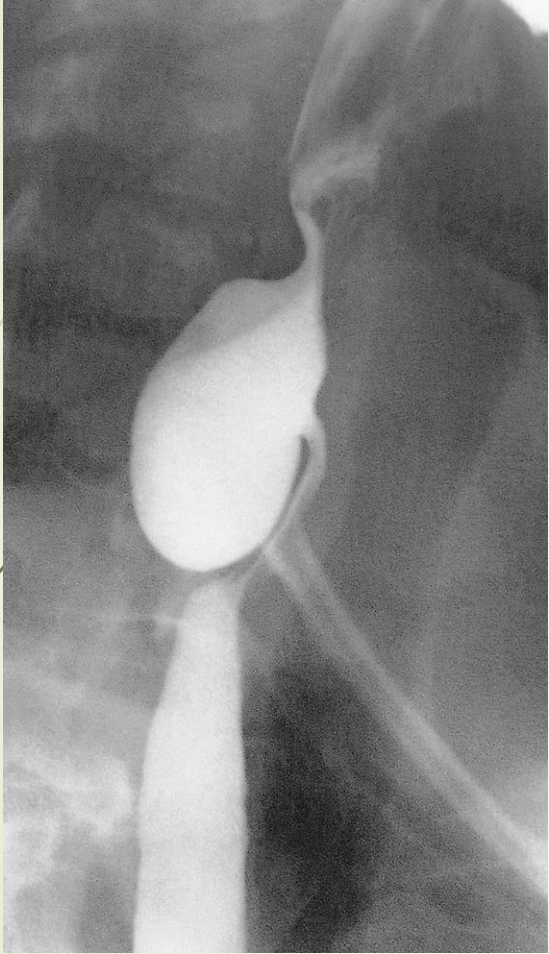
- Dysphagia.
- Odynophagia.
- Regurgitations.
- Vomiting.
- Age is also important (some diseases are common in specific age)
- Constitution symptoms (fever, sweating and weight loss)



IMAGING MODALITIES:

- X-RAY.
 - FLUOROSCOPY (CONTRAST STUDY).
 - ULTRASOUND.
 - CT.
 - MRI.
 - NUCLEAR MEDICINE.
 - ANGIOGRAPHY.
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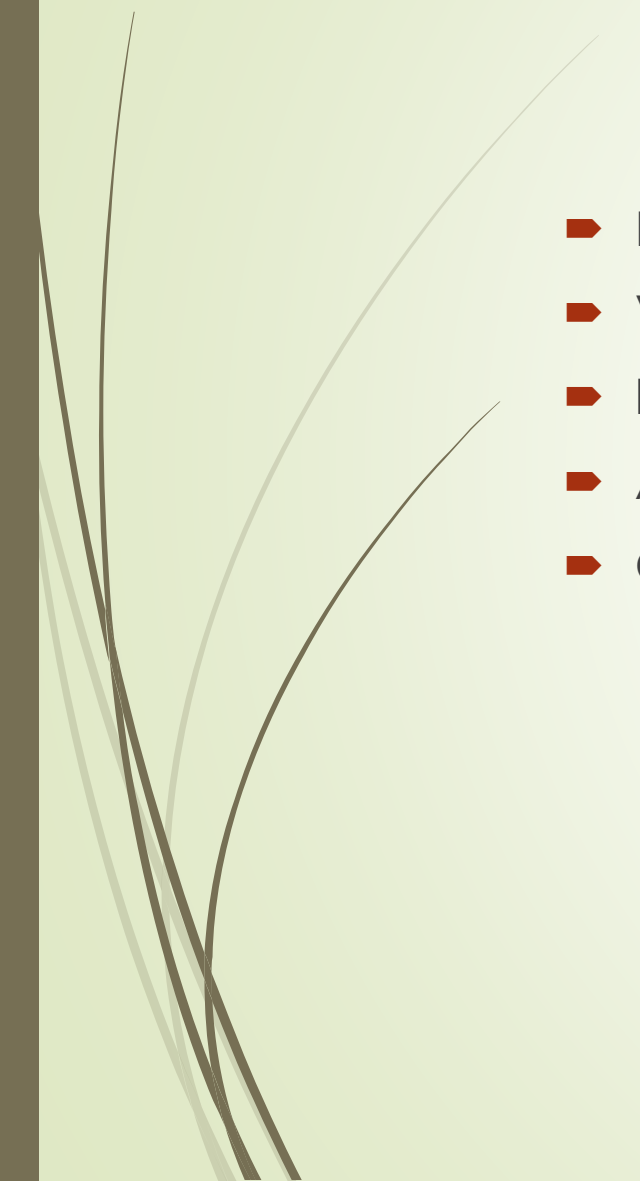




Stomach

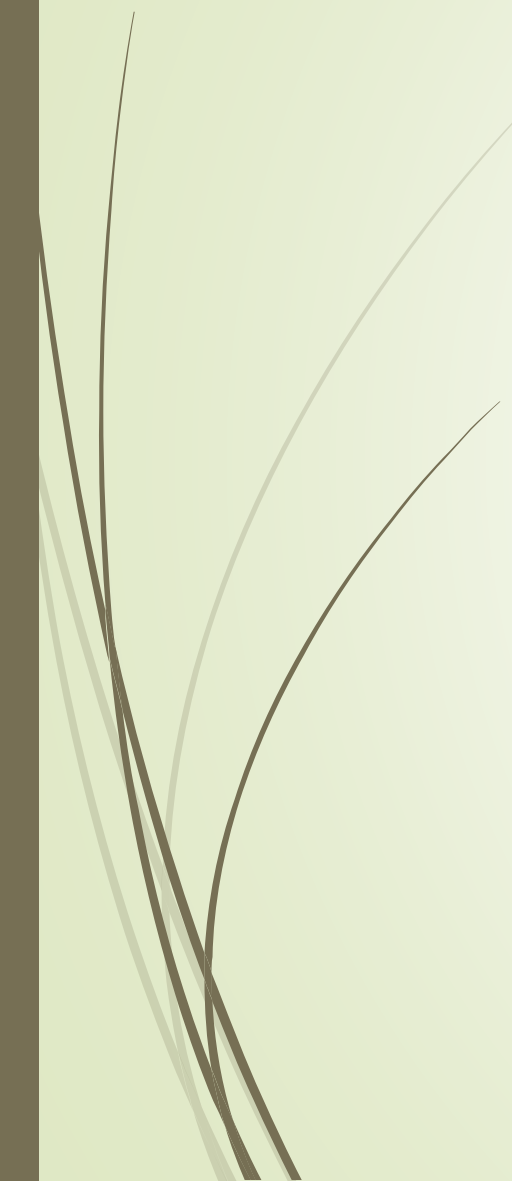


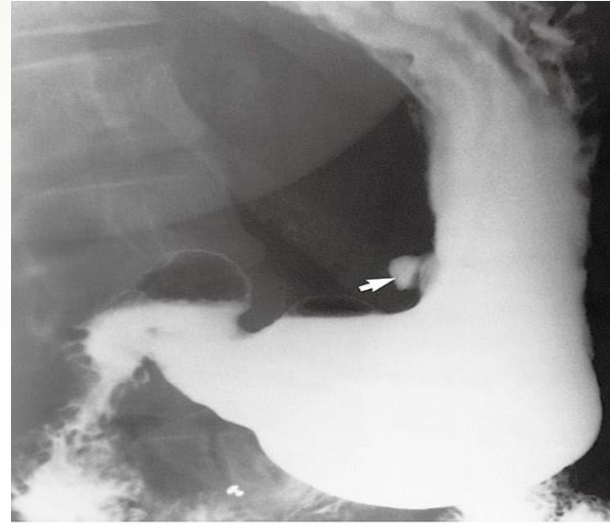
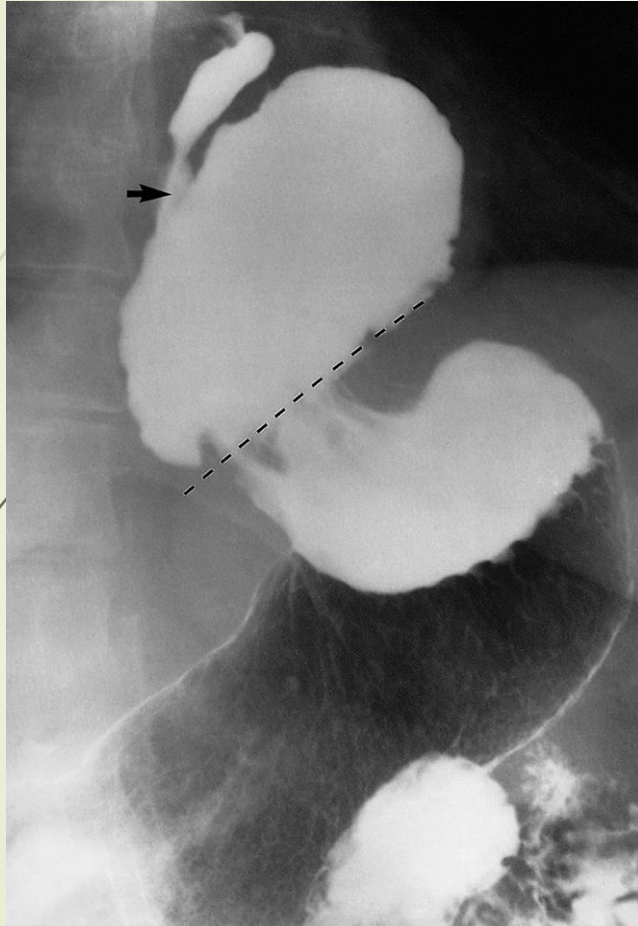
Clinical signs and symptoms:

- Epigastric pain.
 - Vomiting
 - hematemesis.
 - Age is also important (some diseases are common in specific age)
 - Constitution symptoms (fever, sweating and weight loss)
- 

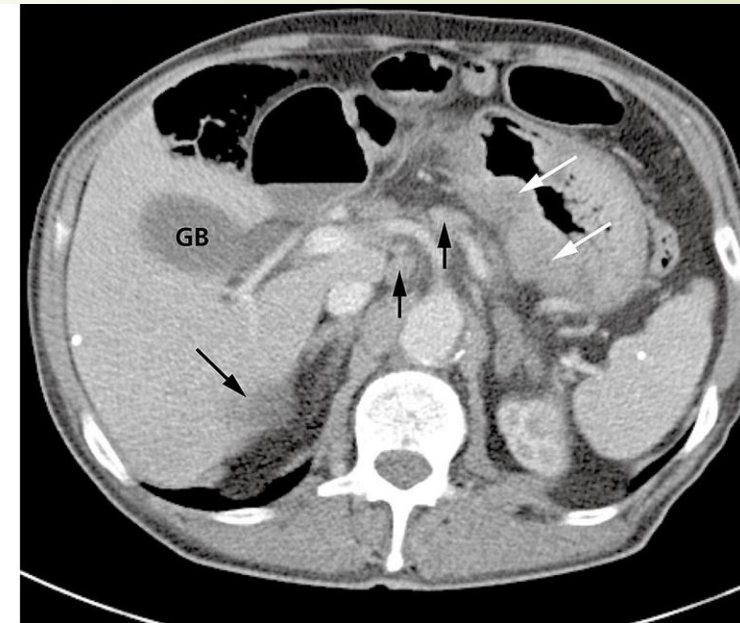
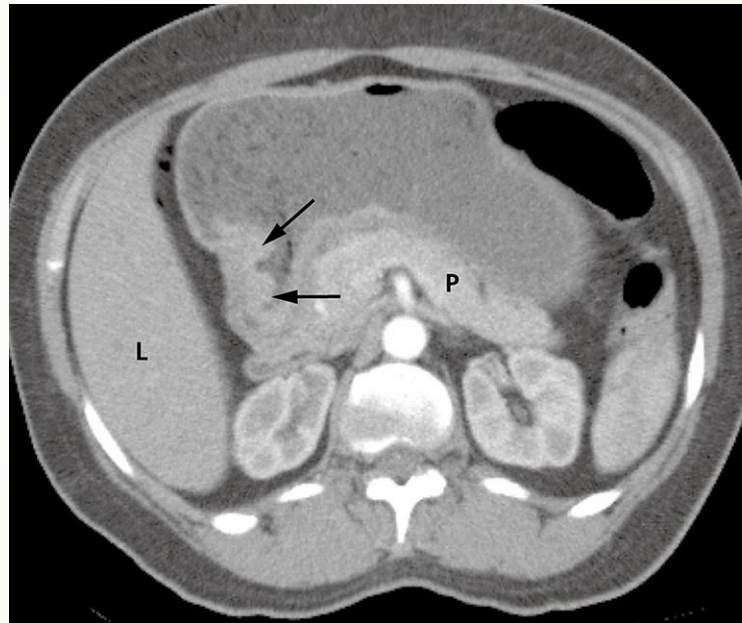


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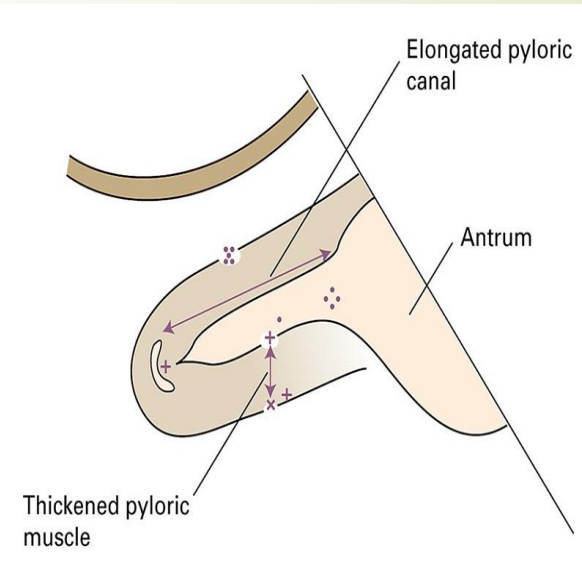
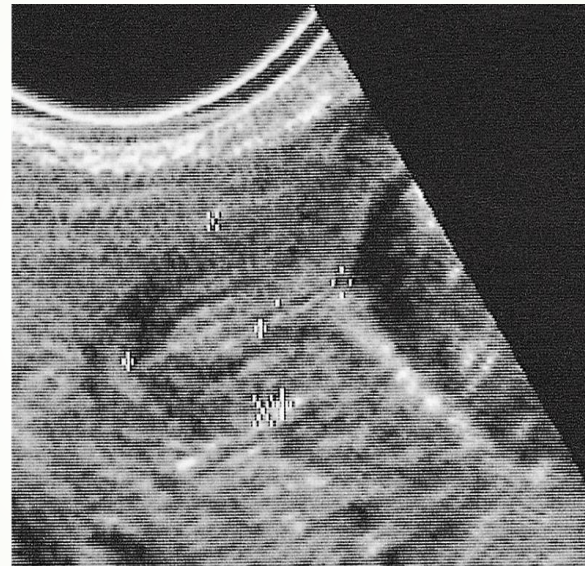


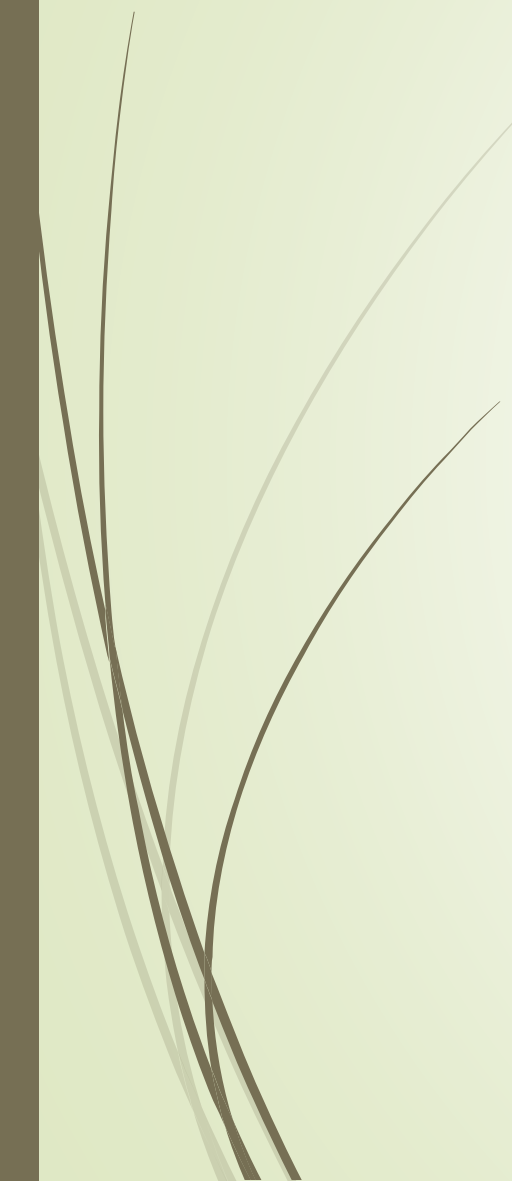
Fig. 6.29 Pyloric stenosis. Ultrasound scan in a neonate showing a thickened, elongated pyloric canal.



Small bowels

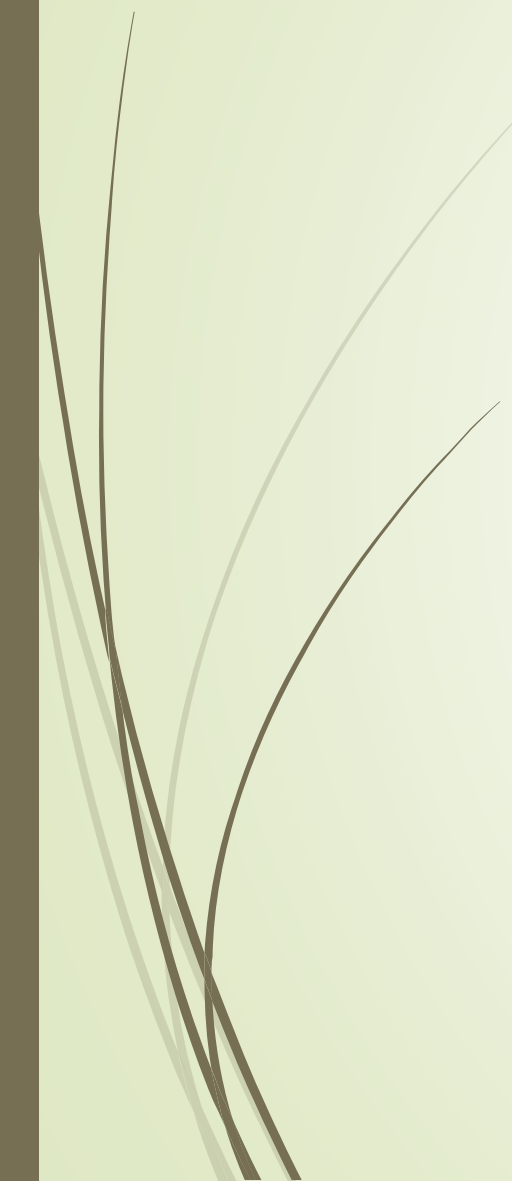


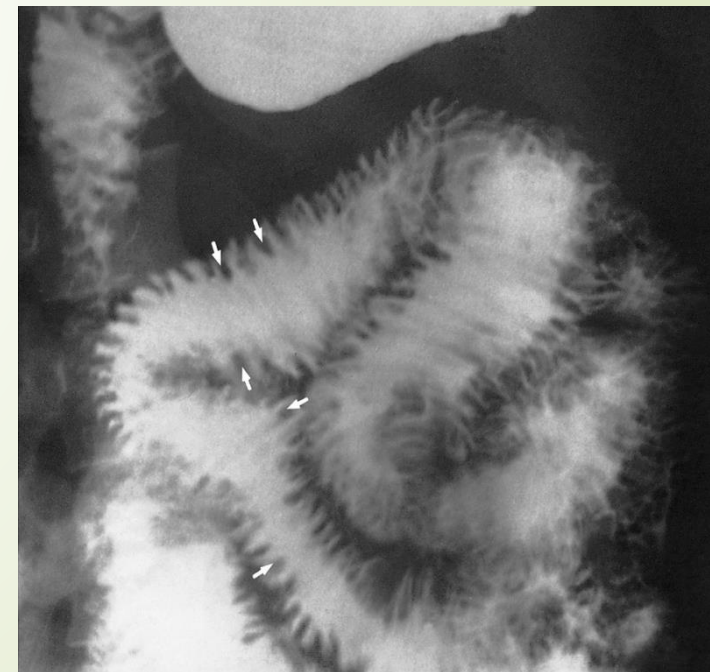
Clinical signs and symptoms:

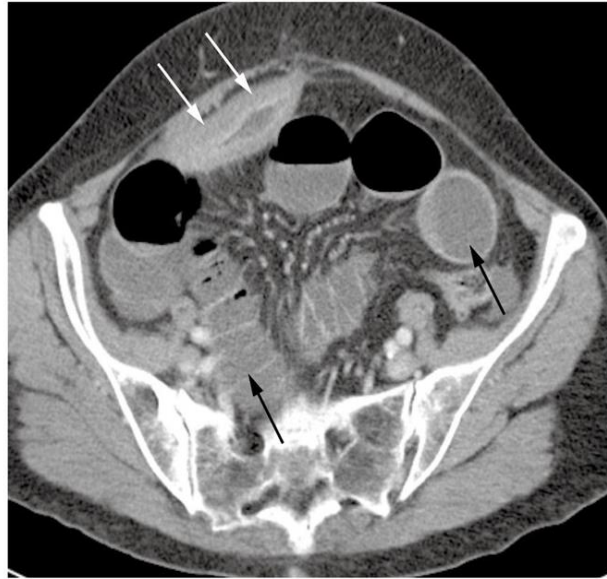
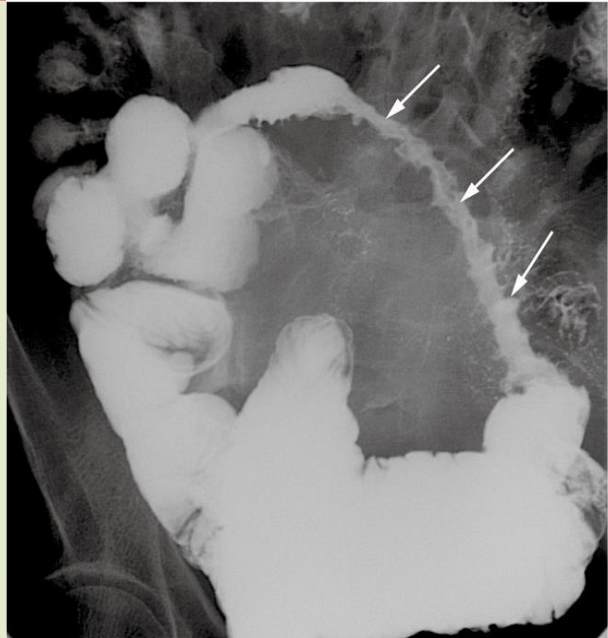
- Malabsorption.
 - Vomiting.
 - Diarrhea.
 - Age is also important (some diseases are common in specific age)
 - Constitution symptoms (fever, sweating and weight loss)
- 



IMAGING MODALITIES:

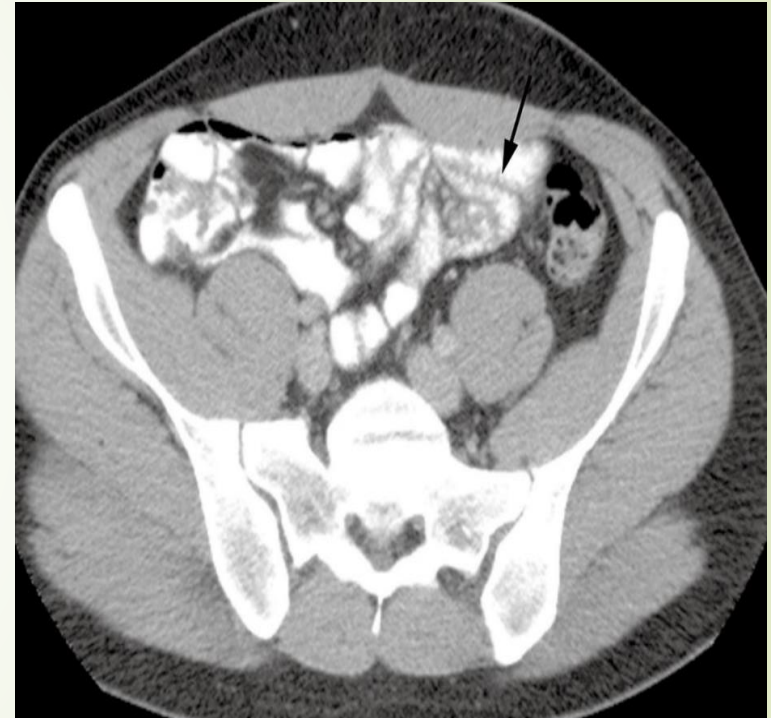
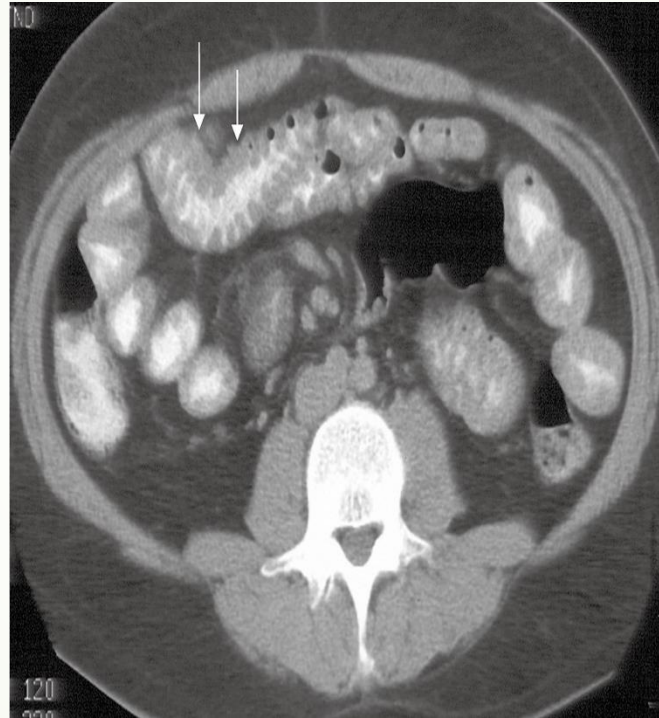
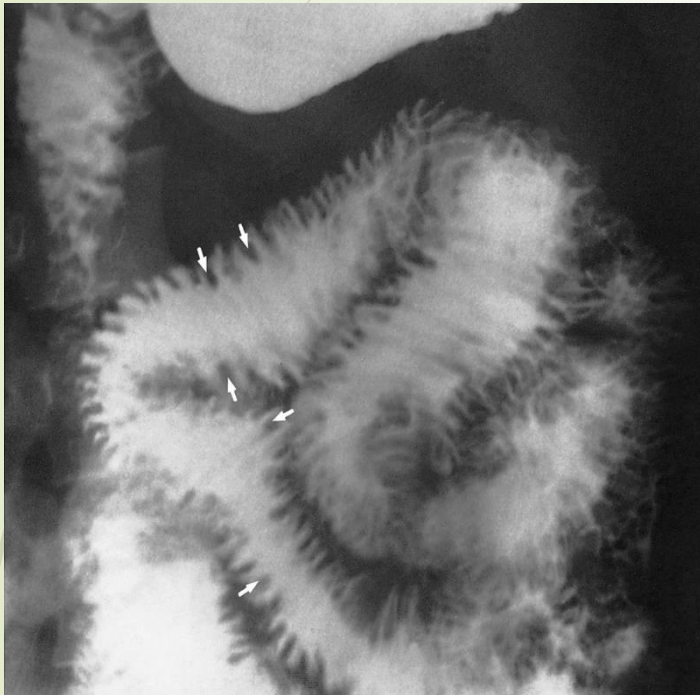
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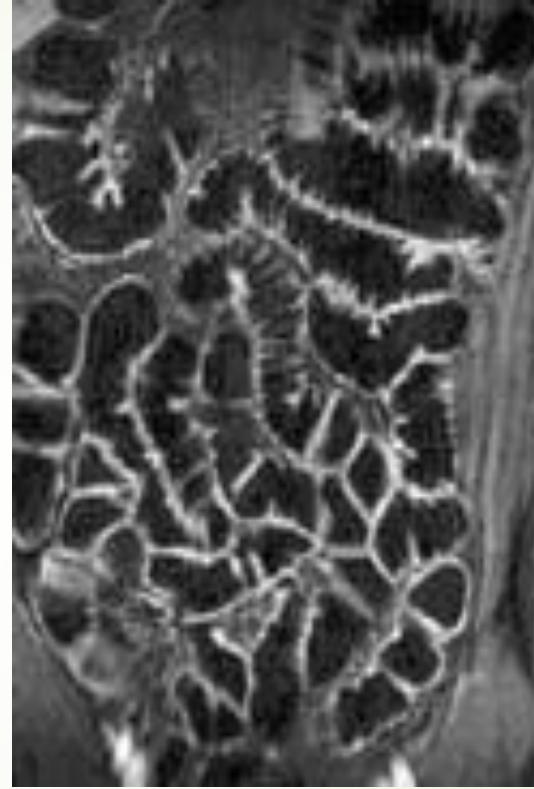
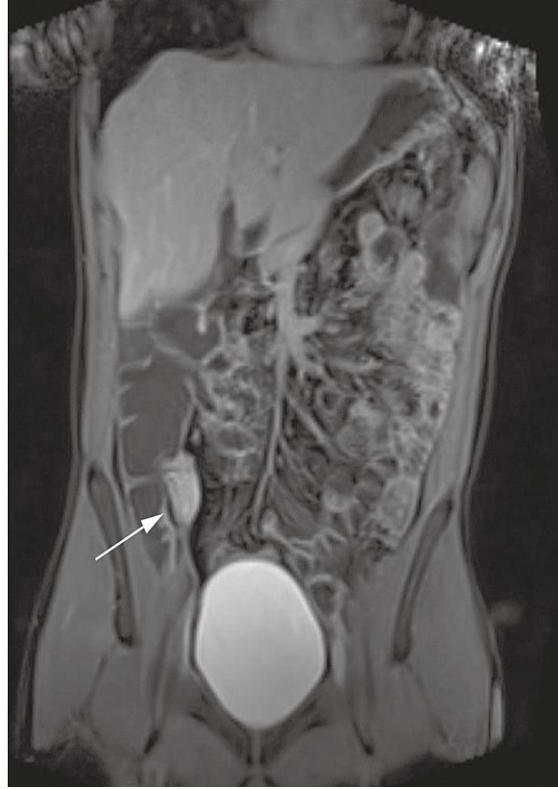




(b)









Large bowels

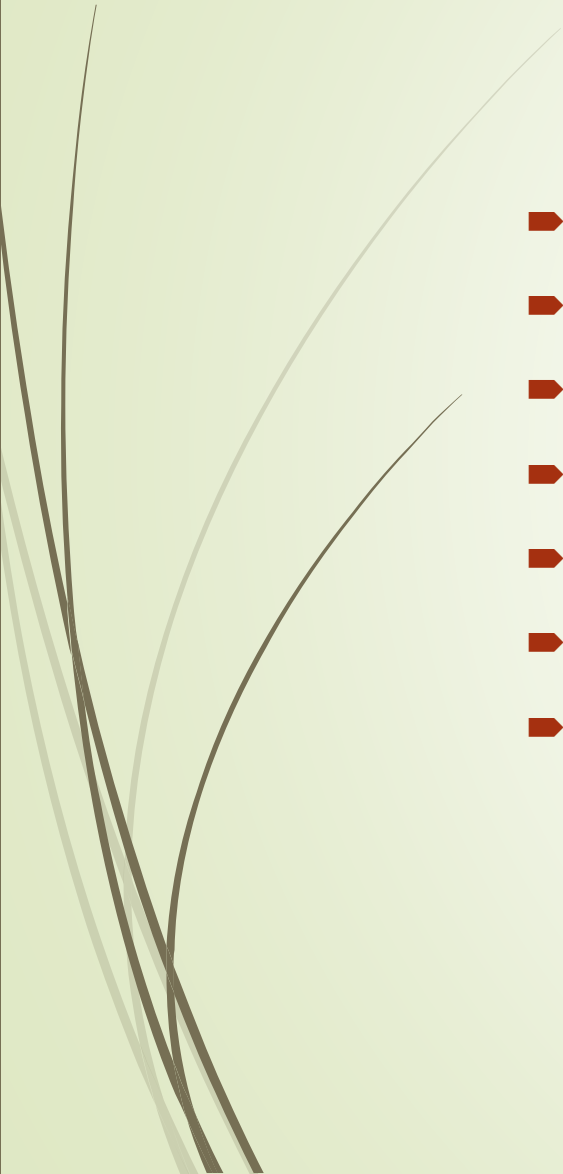


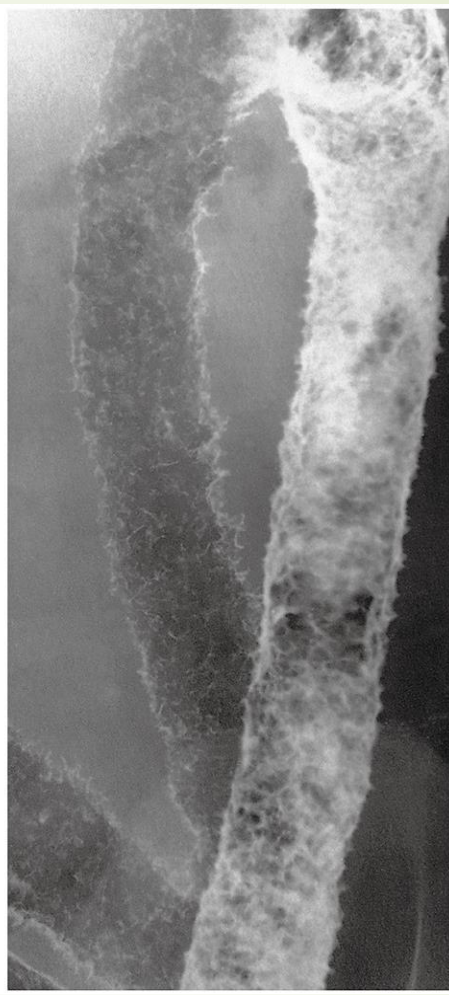
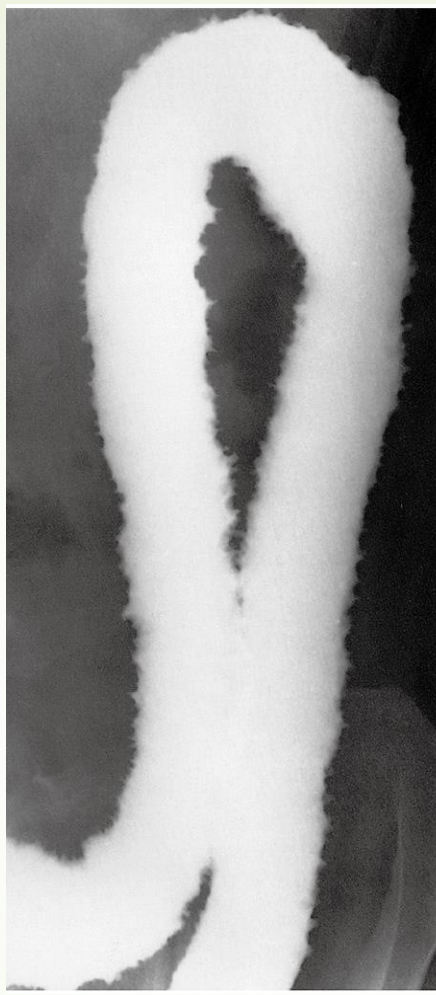
Clinical signs and symptoms:

- ▶ Abdominal pain.
- ▶ Diarrhea.
- ▶ Hematochezia.
- ▶ Vomiting.
- ▶ Anal pain and discharge.
- ▶ Age is also important (some diseases are common in specific age)
- ▶ Constitution symptoms (fever, sweating and weight loss)

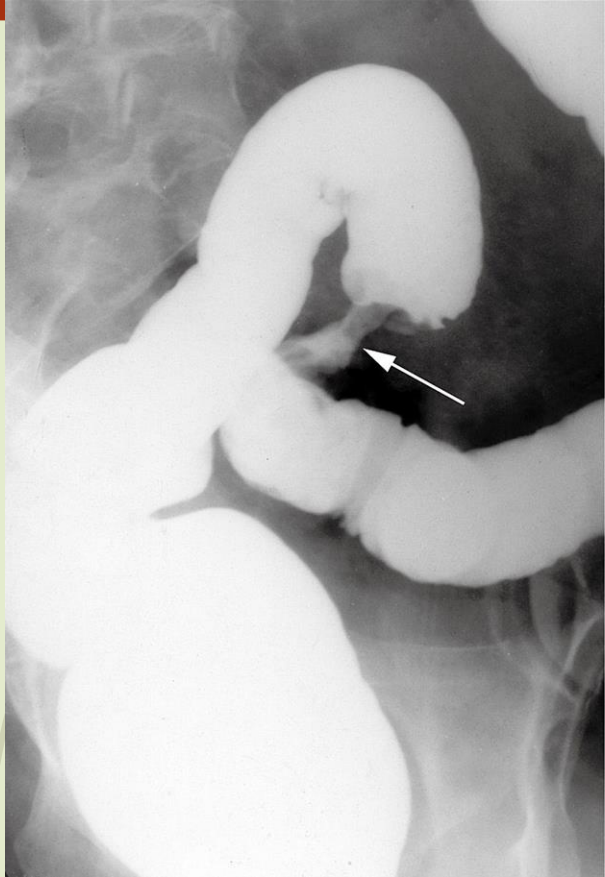


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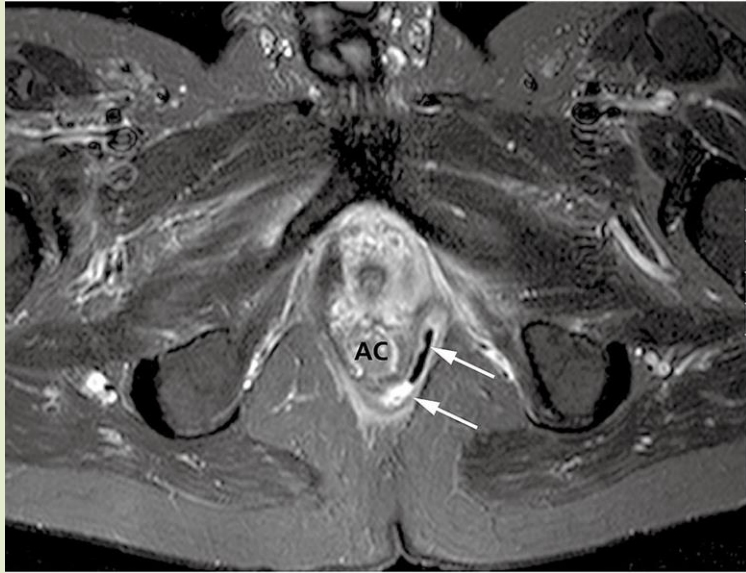














THE END

THANK YOU