



**RADIOLOGY TEAM**

**4 3 3**

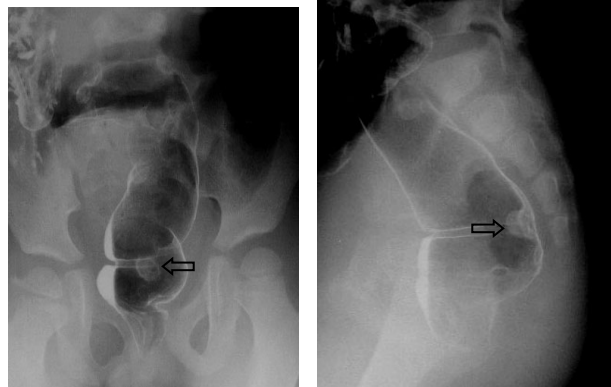
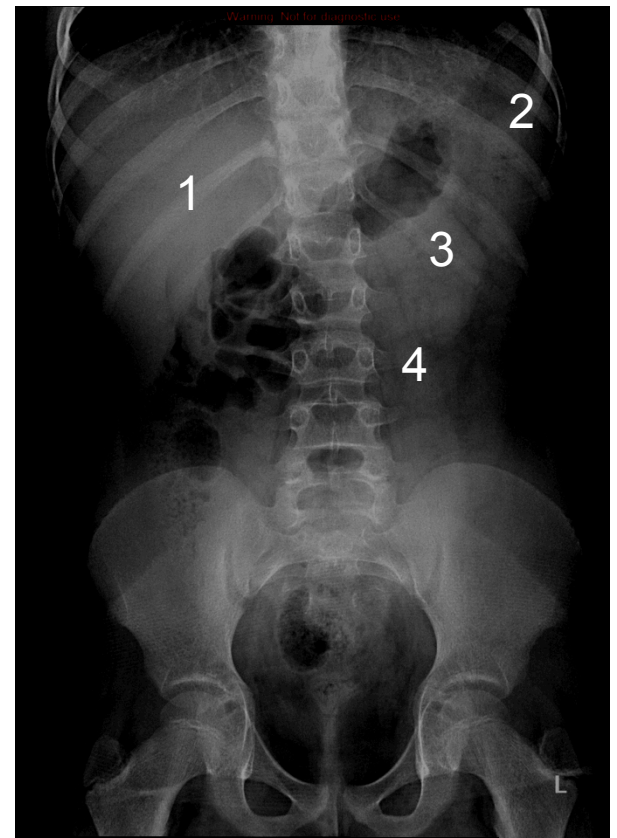
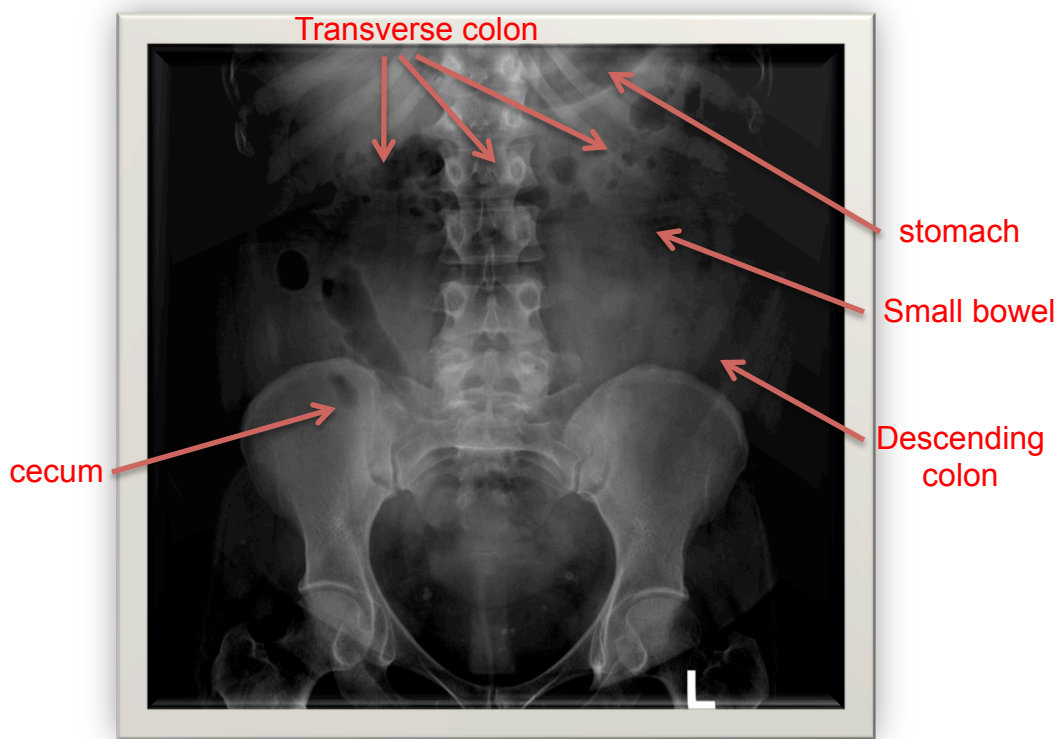
# Radiology practical



**KSU | Collage of Medicine**  
**2nd Year | CNS BLOCK**

## In this team work:

- ✓ We tried our best to put what is important.
- ✓ We didn't include some of the information about the machine, advantages and disadvantages because the doctor said that they will focus on the **ANATOMY, not even THE PATHOLOGY** but in case we added both .



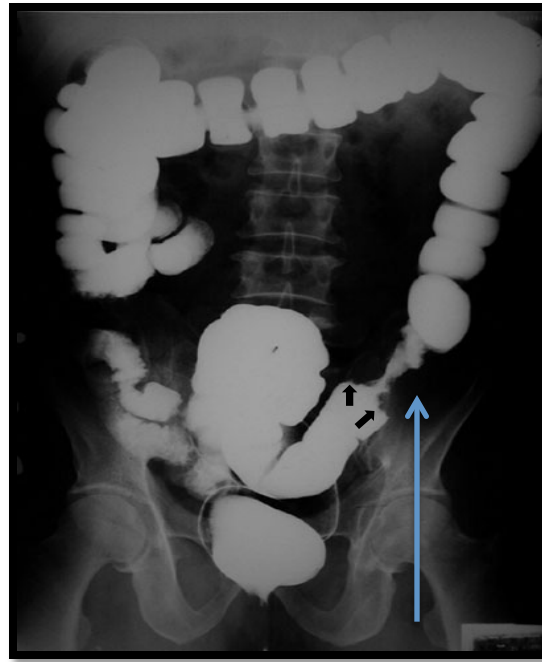
**Polyps**

- 1- Liver
- 2- Spleen
- 3- Kidneys
- 4- Psoas muscles



## Ulcerative colitis

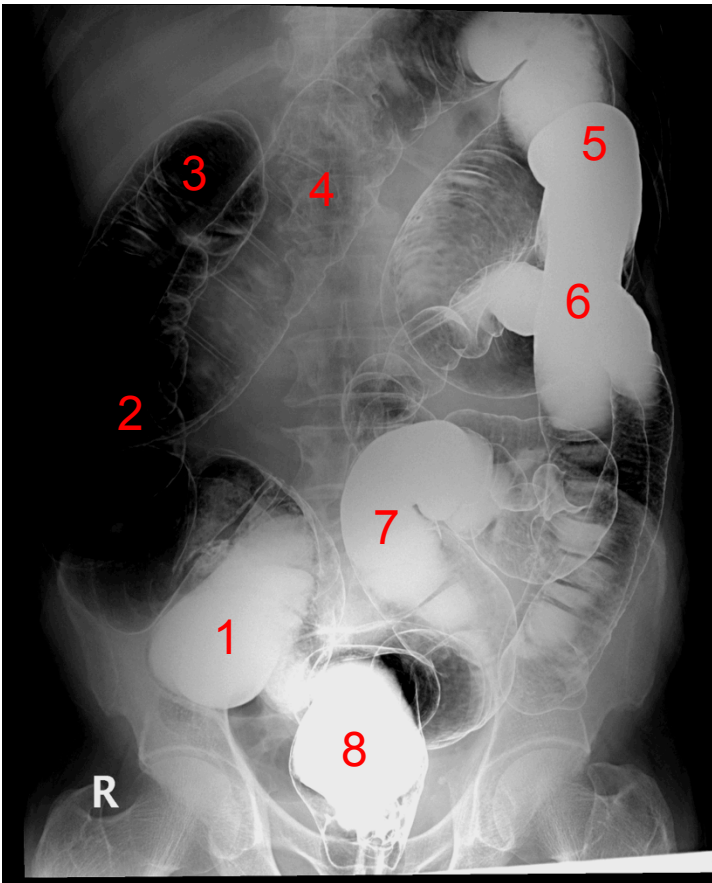
- Feature-less colon  
(lead-pipe appearance)



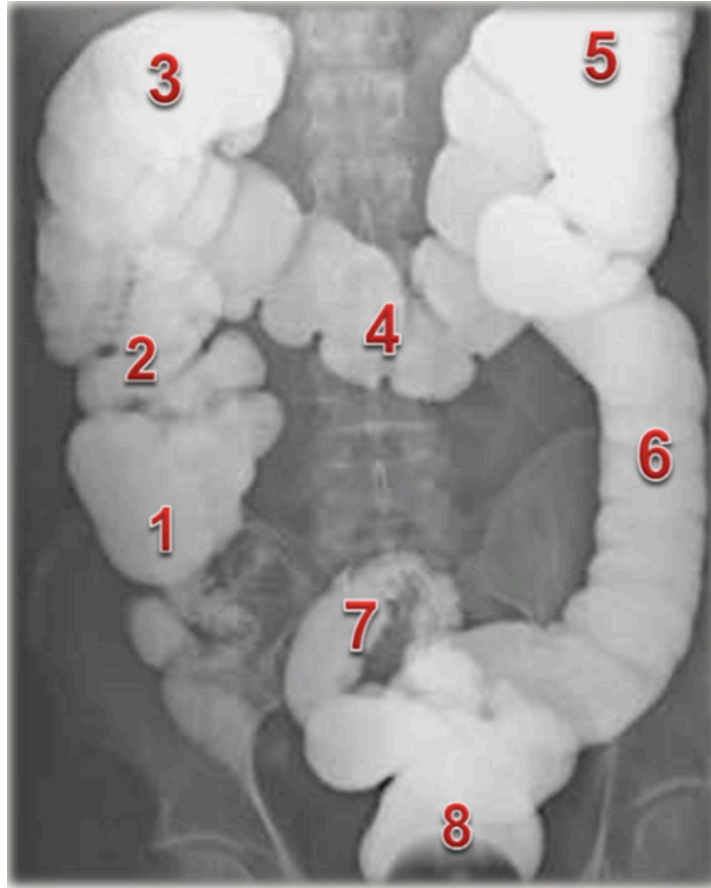
## Colon Carcinoma

(apple core sign)



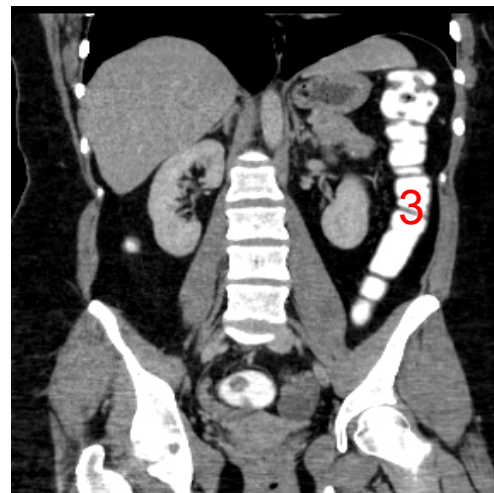
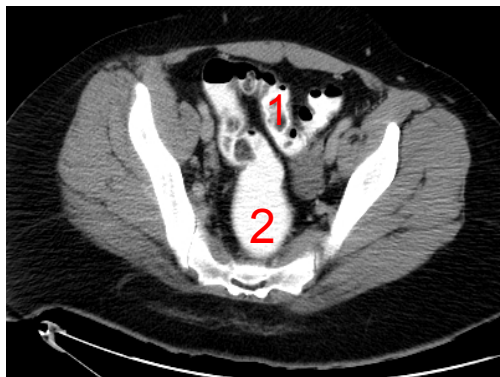


^ From Our Slides

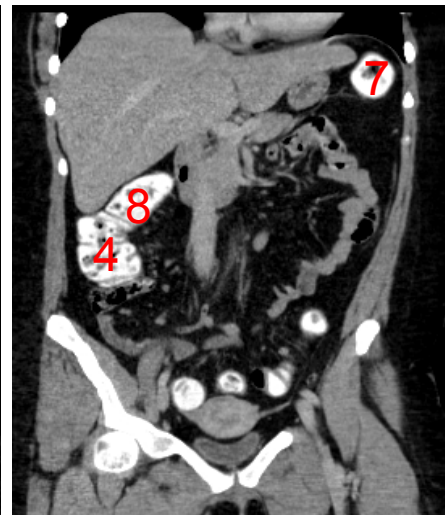
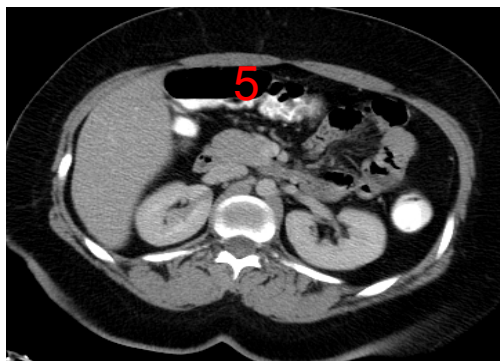


^ This PIC came an 432 OSPE

1. Cecum
2. Ascending colon
3. Hepatic flexure
4. Transverse colon
5. Splenic flexure
6. Descending colon
7. Sigmoid colon
8. Rectum

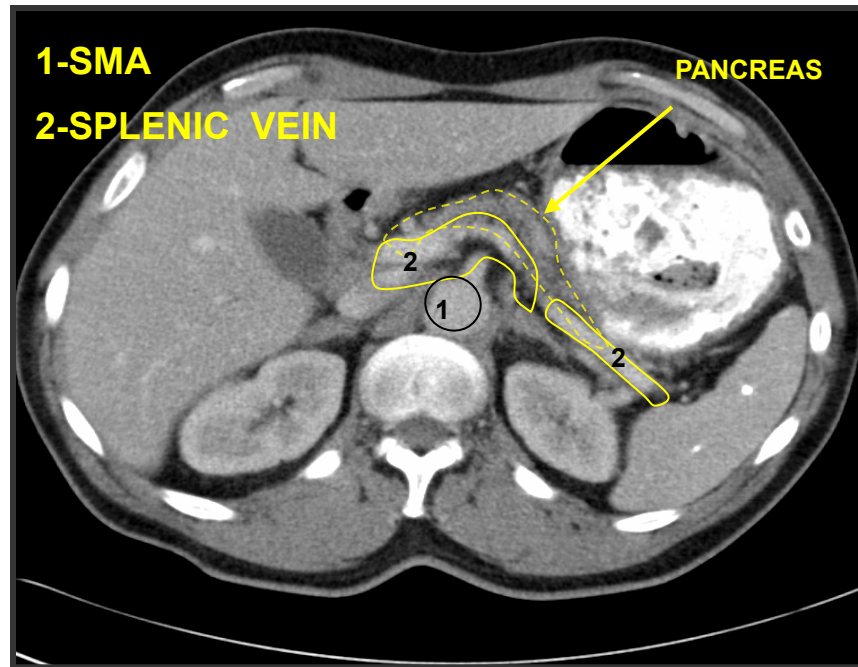
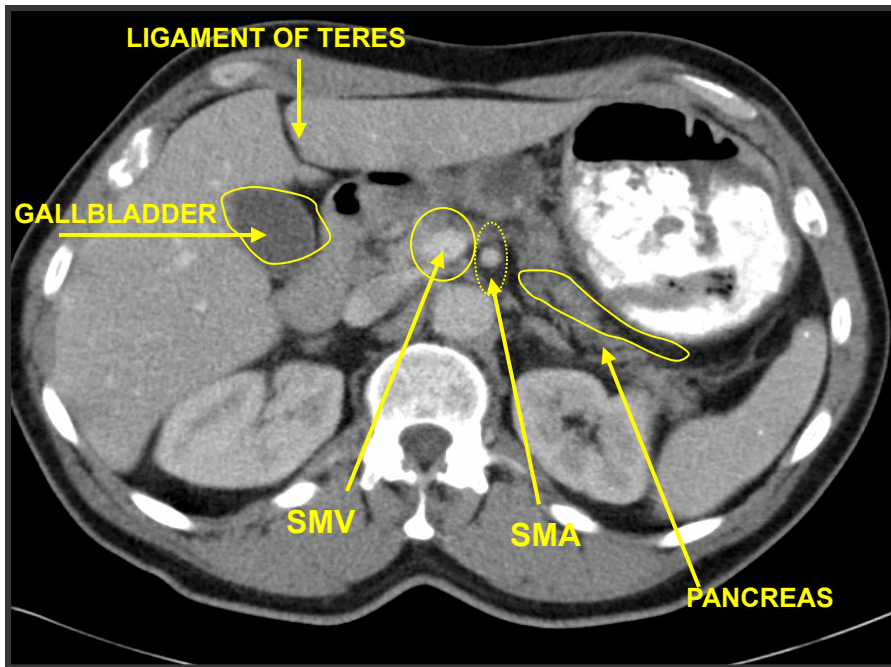


- 1- Rectum
- 2-Sigmoid colon
- 3-Descending colon
- 4-Ascending colon
- 5-Transverse colon
- 6-Cecum
- 7-splenic flexure
- 8-hepatic flexure

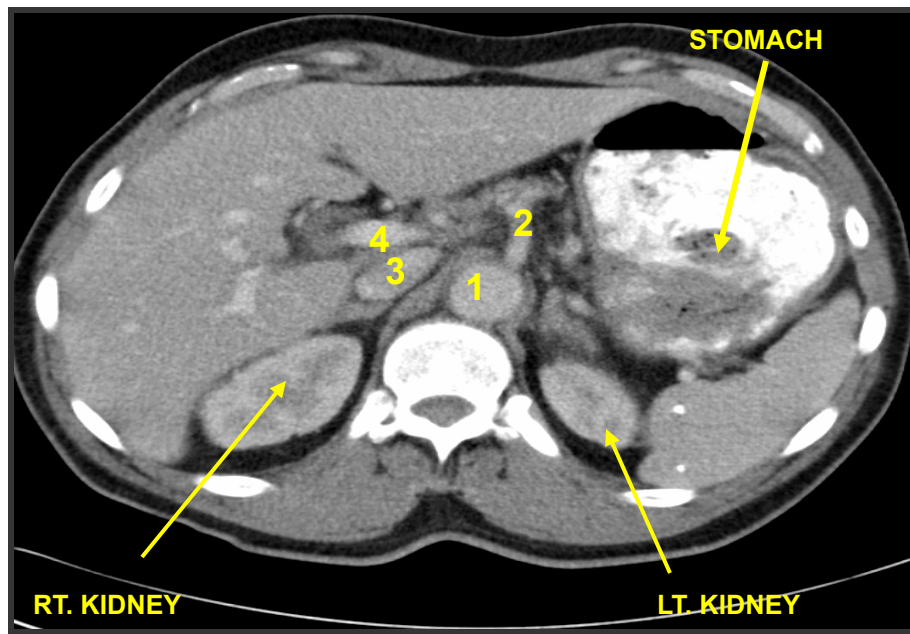
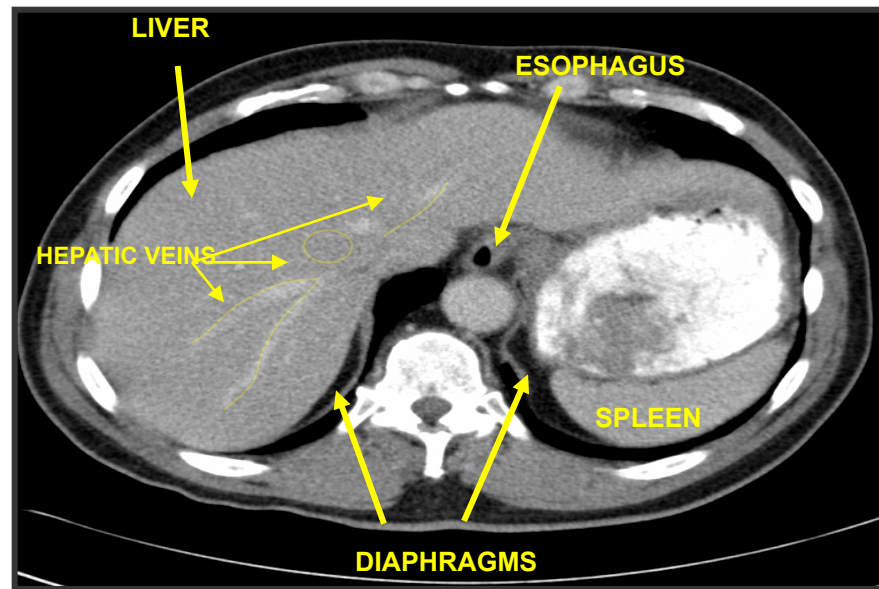


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# CT



SMA : Superior Mesenteric Artery  
SMV : Superior Mesenteric Vein



- 1- AORTA
- 2- CELIAC ARTERY
- 3- IVC
- 4- PORTAL VEIN



# Biliary tract anatomy

- The right and left main hepatic ducts fuse at the hilum, anterior to the bifurcation of the portal vein, to form the common hepatic duct.
- In ultrasound and CT it is visible in 50% of cases
- In MRCP almost always visible

MRCP

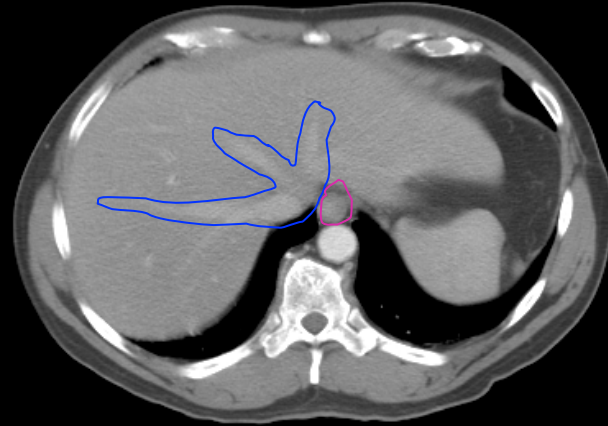
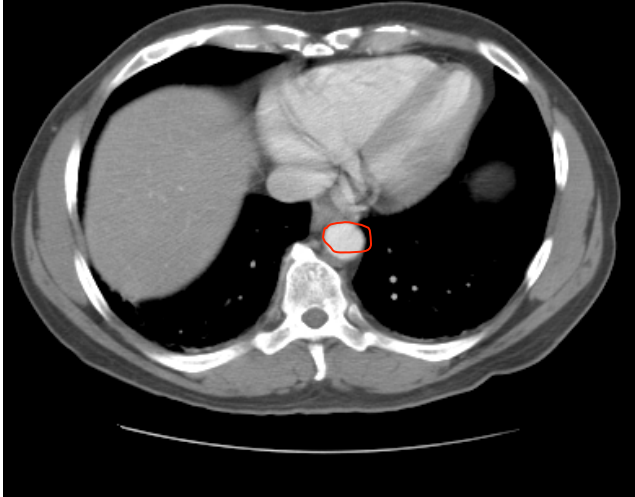


CT-Scan



This slide and the next,  
Just go through them

Follow the IV contrast filled Aorta as we  
descend caudally. Branches and points  
of interest will be noted.

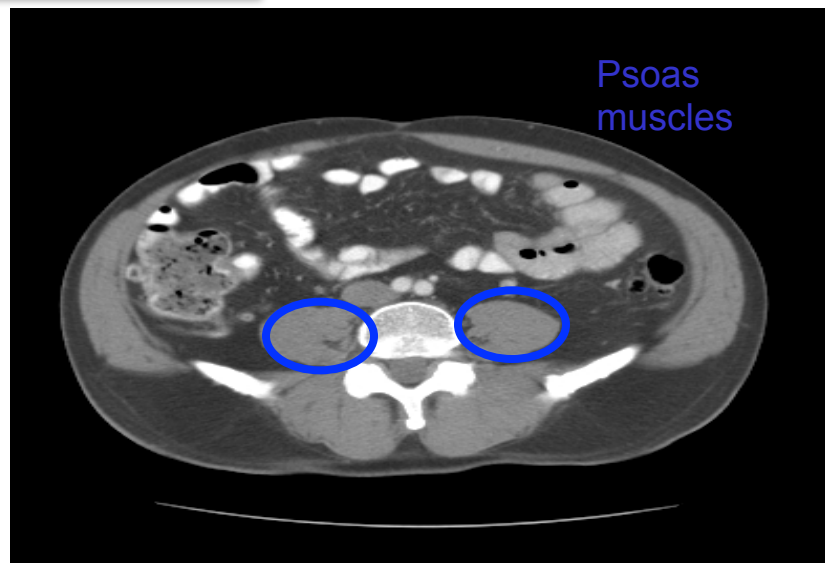
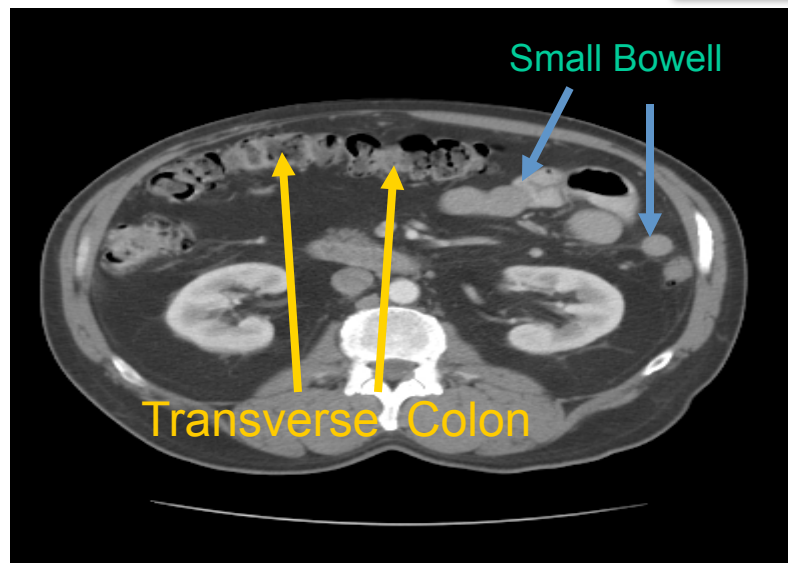
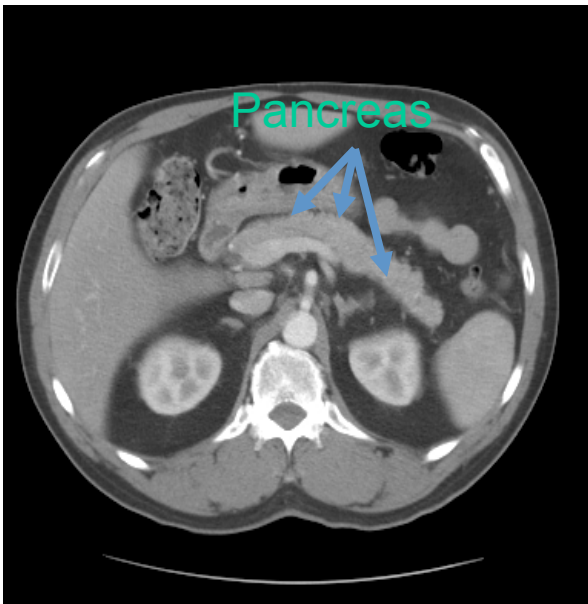
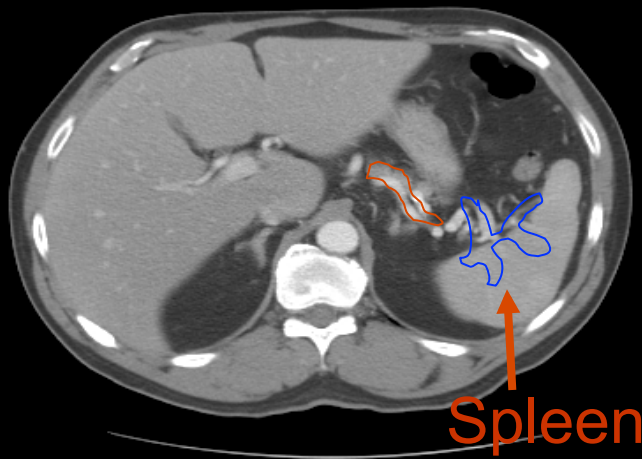


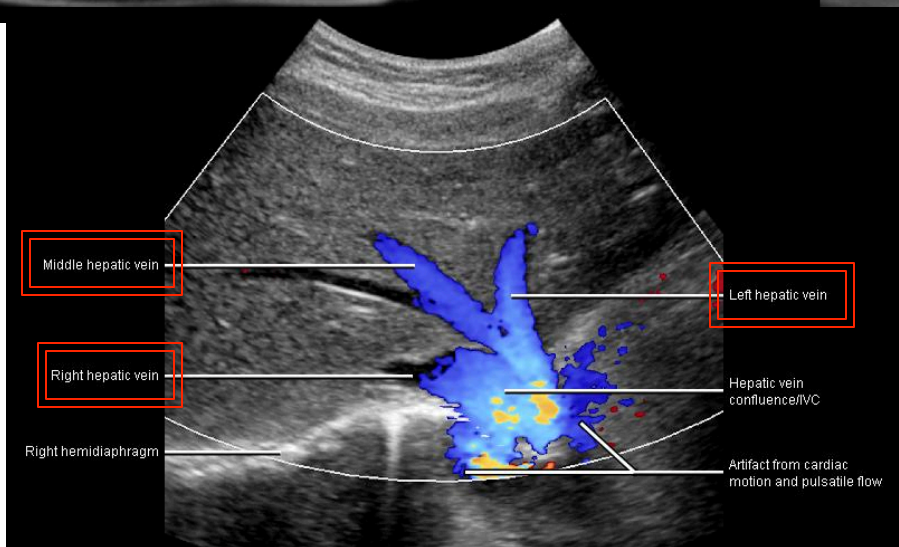
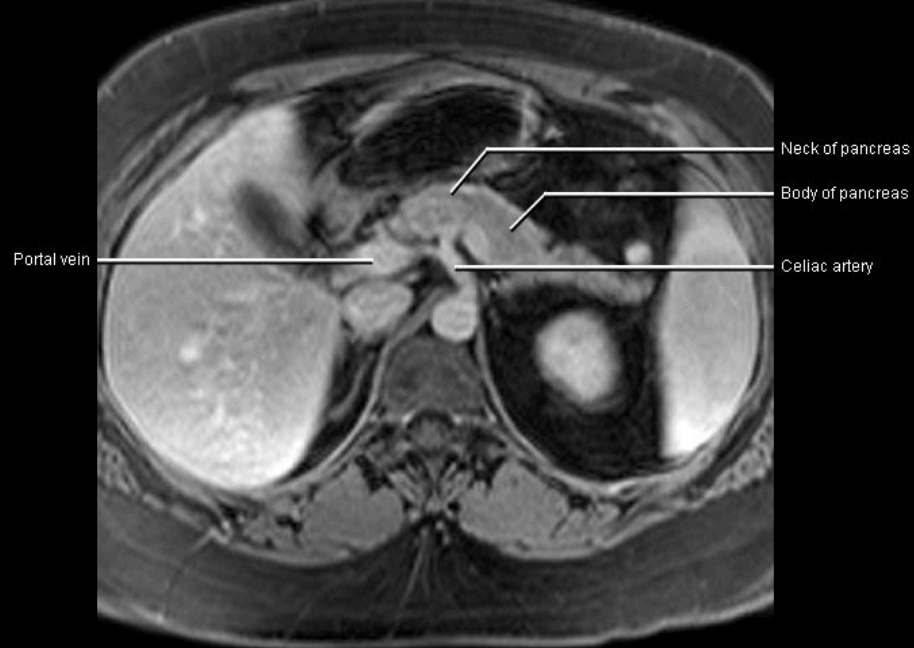
This is an excellent image of the  
right, middle and left hepatic  
veins draining into the Inferior  
Vena Cava. Don't confuse this  
structure with the IVC, this is the  
esophagus at the level of the  
Lower esophageal sphincter,  
page up and down to confirm  
this.



The outline of the Inferior  
Vena Cava is more  
distinct in this image.

Splenic Artery Splenic Vein





# Best Of Luck

Hope our work was helpful,,

Felwa Al-Harthi  
Faisal S. AlGhamdi

If you have any Questions or comments please contact us :  
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