

# The idiot's guide to abdominal CT's

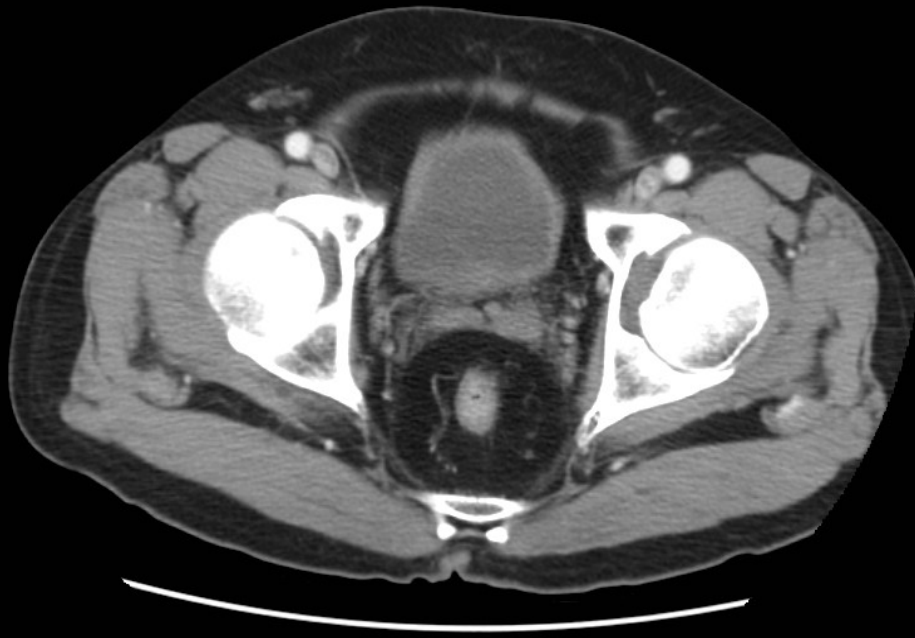
Tatiana Lowe (MBCChB, FACEM)

# The magic three

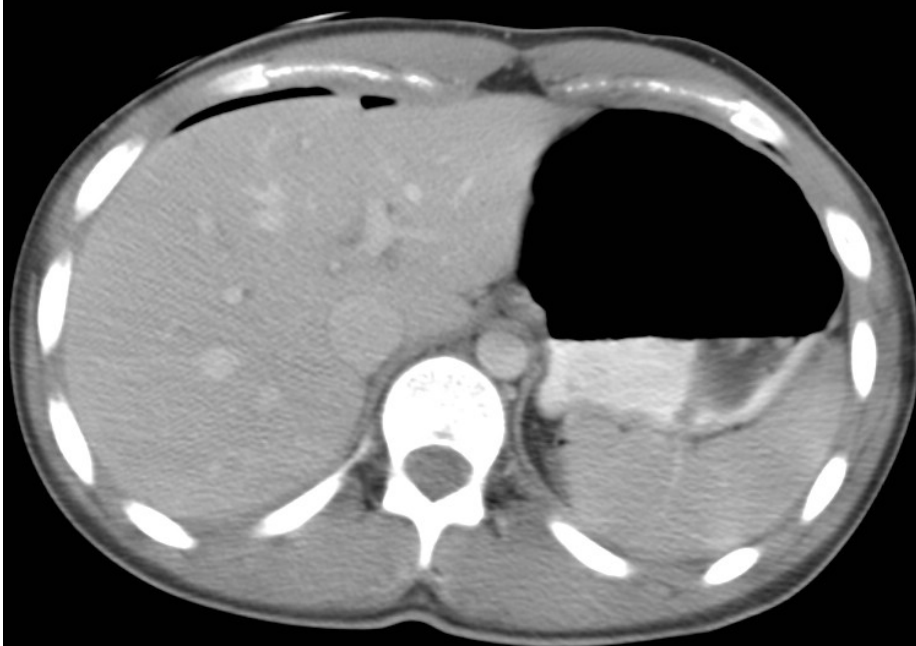
(most helpful guides)

- Clinical suspicion
- Very BASIC anatomy
- Colour

# Different windowing

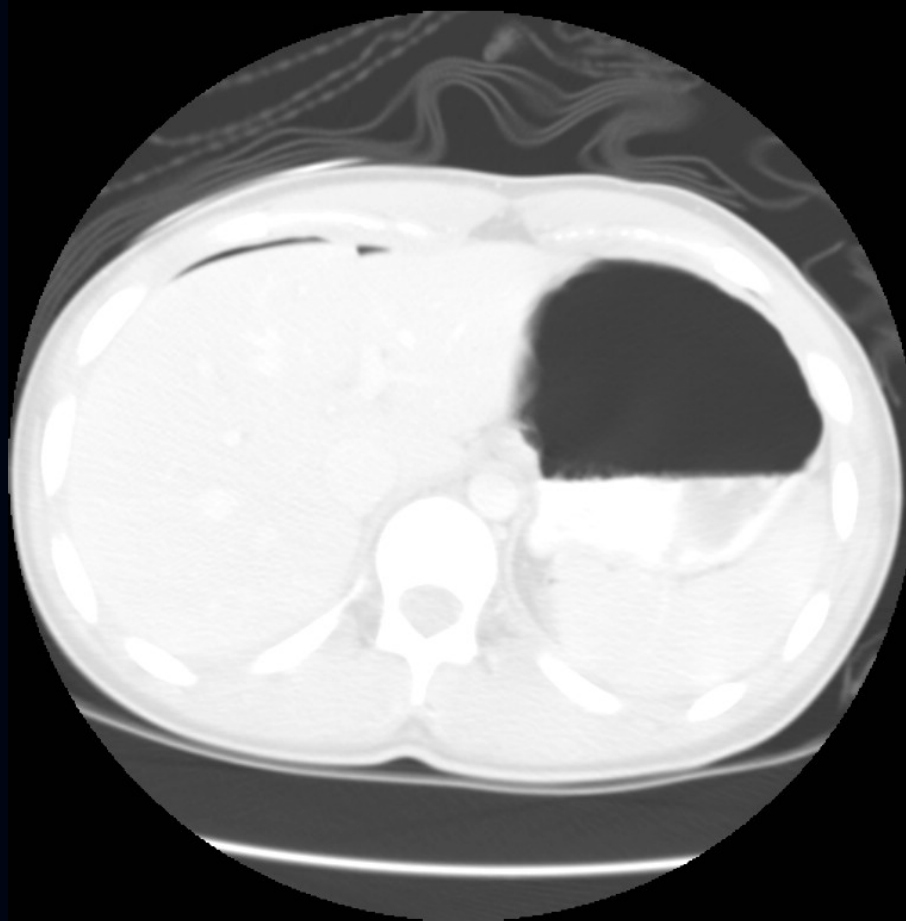


16



W 400 : L 40

16



W 1500 : L -600



# Lap belt injury



Colour is your  
friend

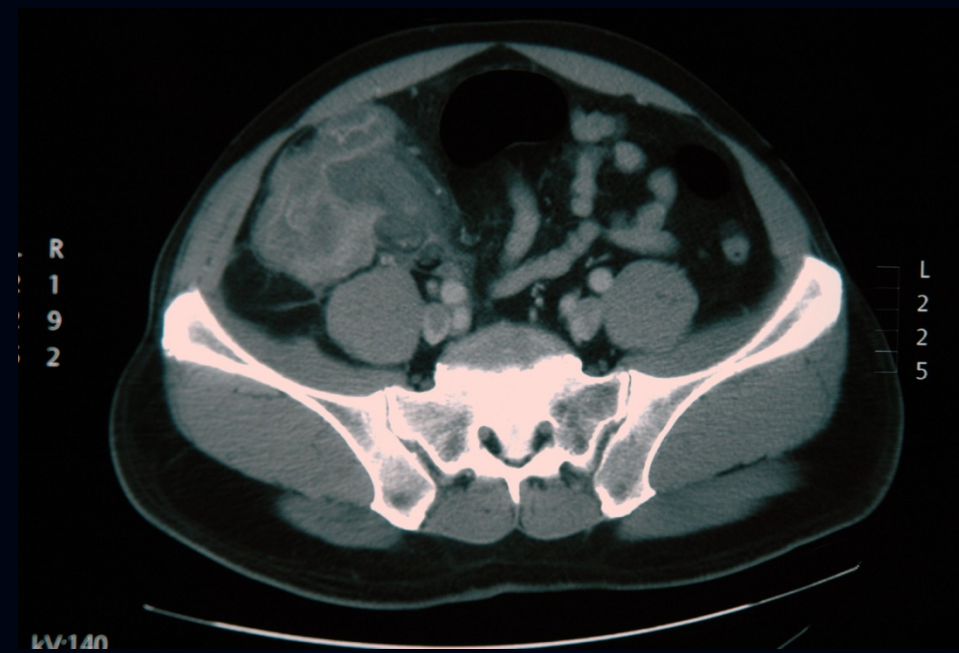
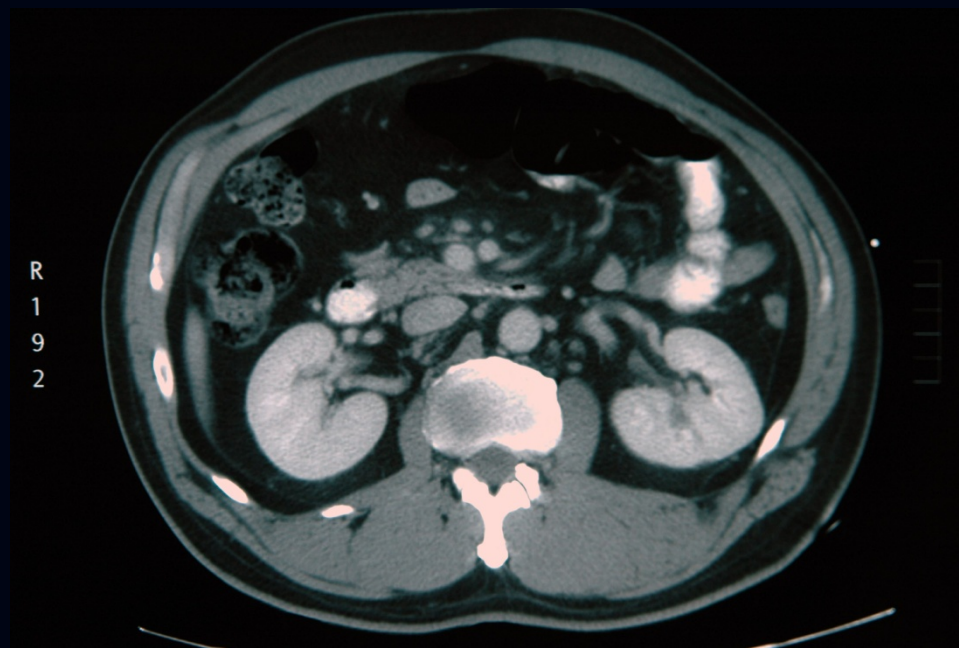
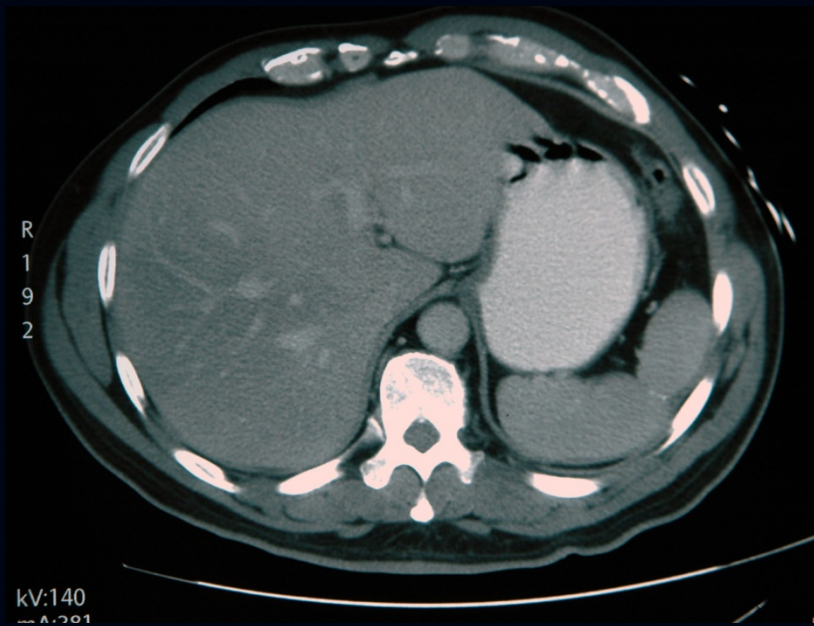
## Blood is:

1. Denser than bone
2. Less dense than water
3. Denser than water
4. Less dense than fat

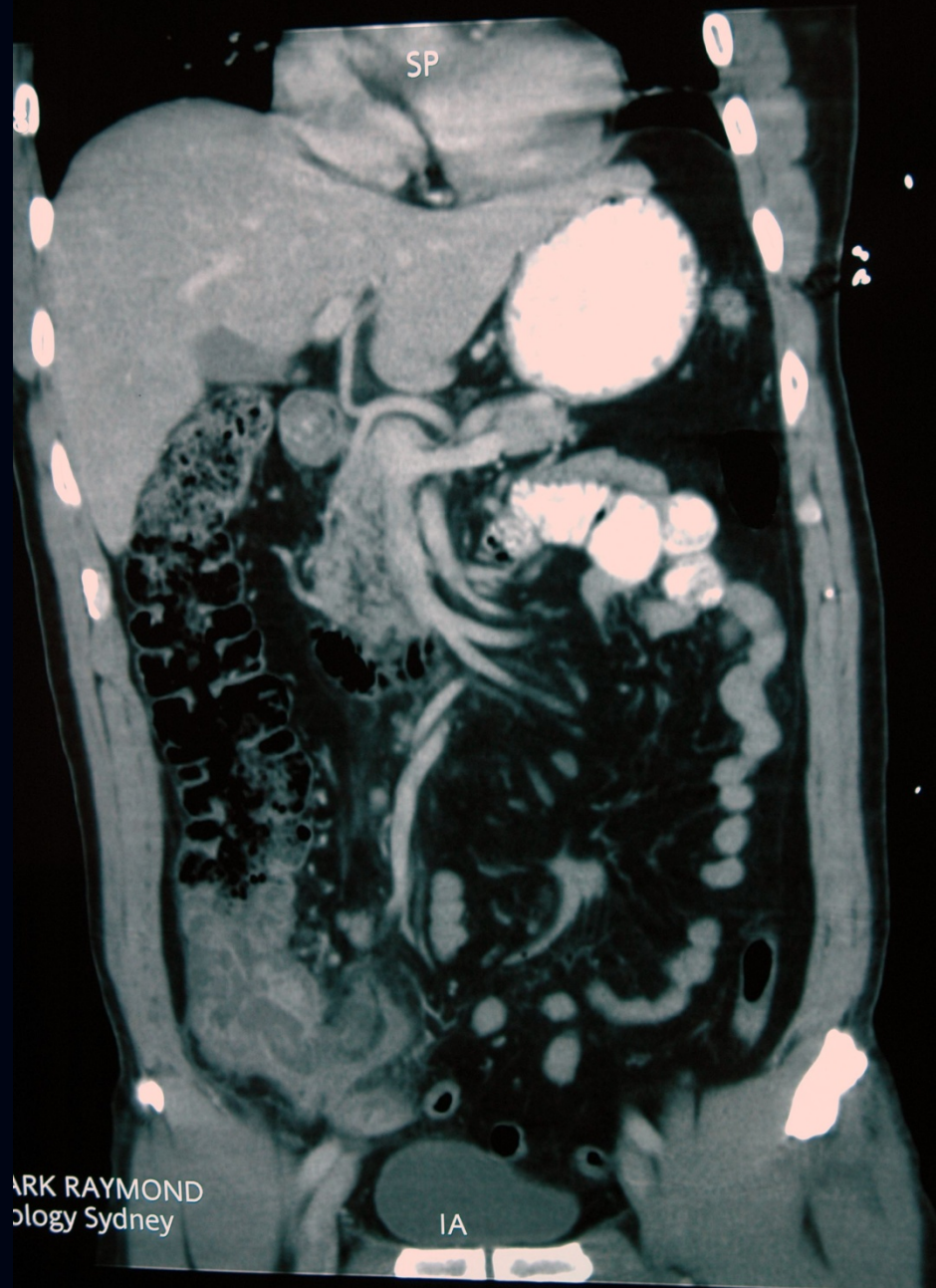
(Answer = 3)

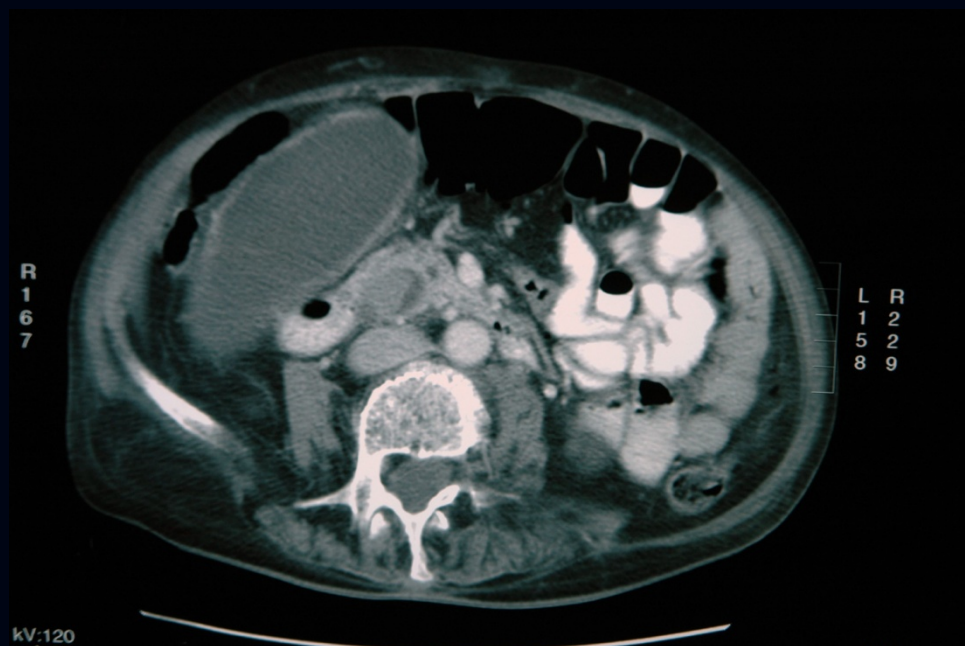
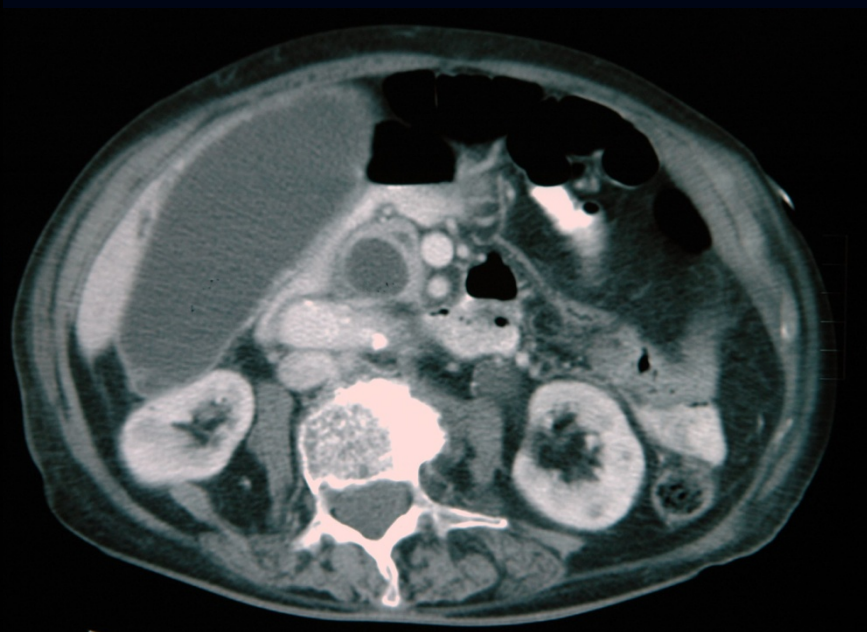
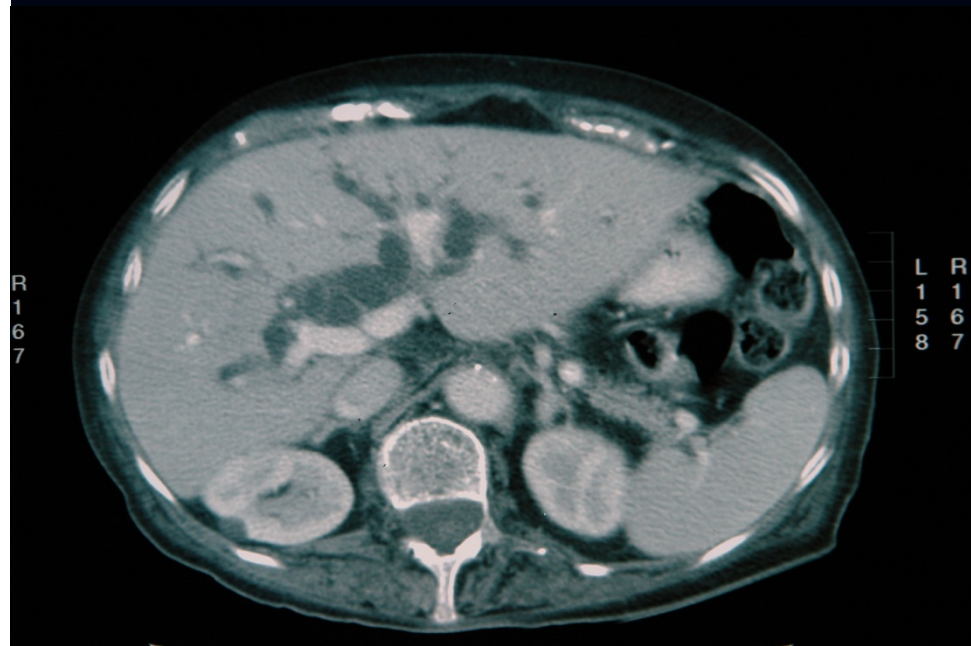
# Hounsfield Unit (HU) = density

■ Bone	$> 1000$	White
■ Blood	$40 - 120$	↓
■ Water	$0$	↓
■ Fat	$- 100$	↓
■ Air	$- 1000$	Black











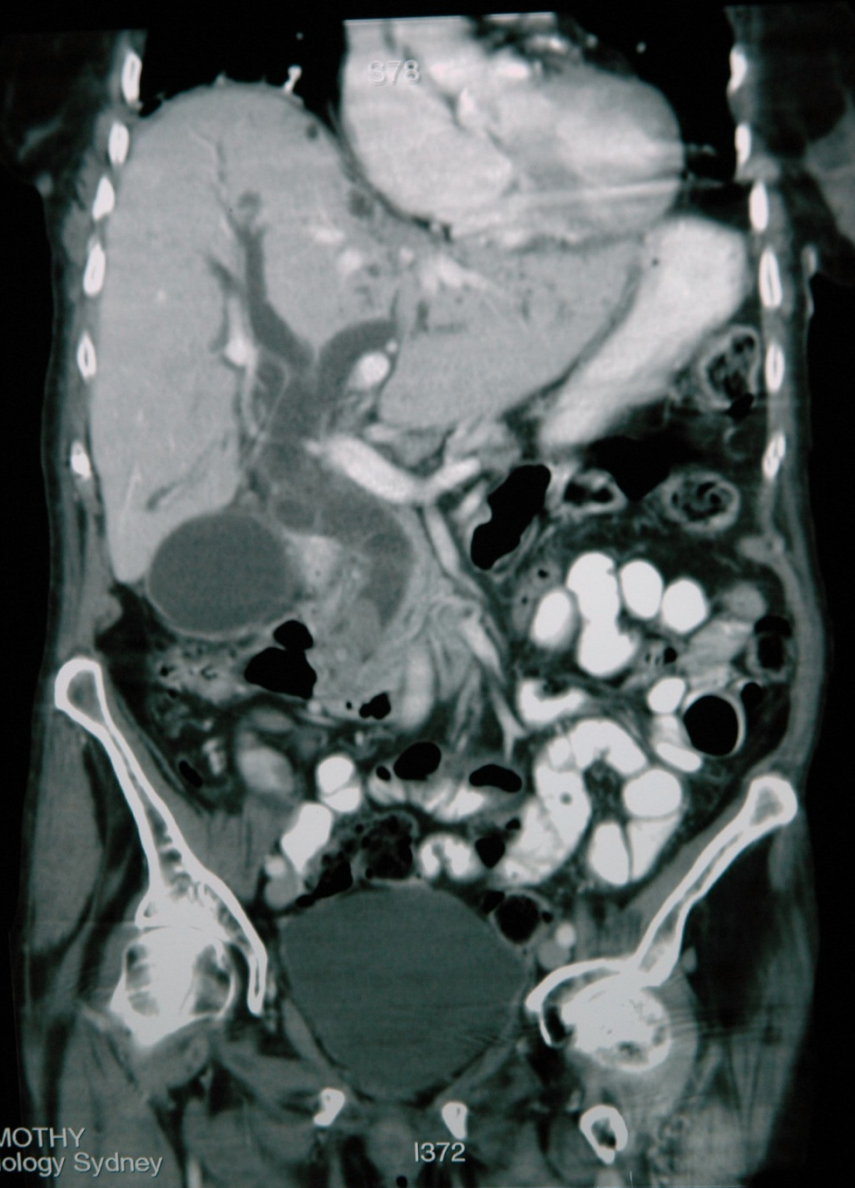
DEL  
97745

878

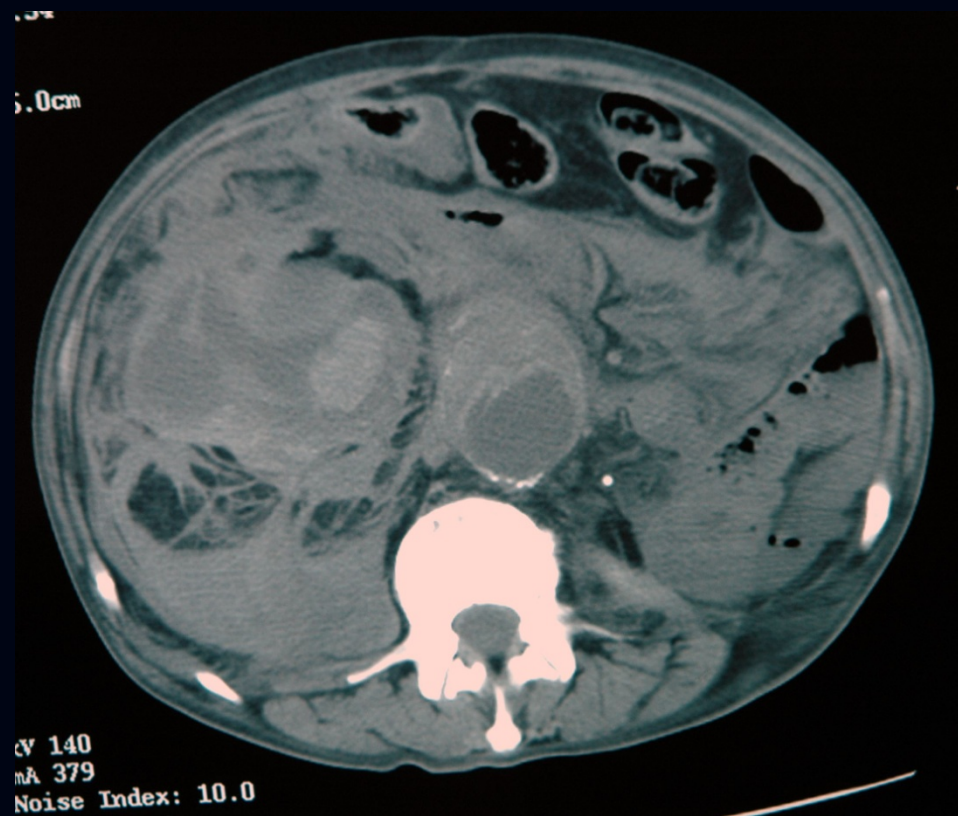
20

EEN, TIMOTHY  
AH Radiology Sydney

1372







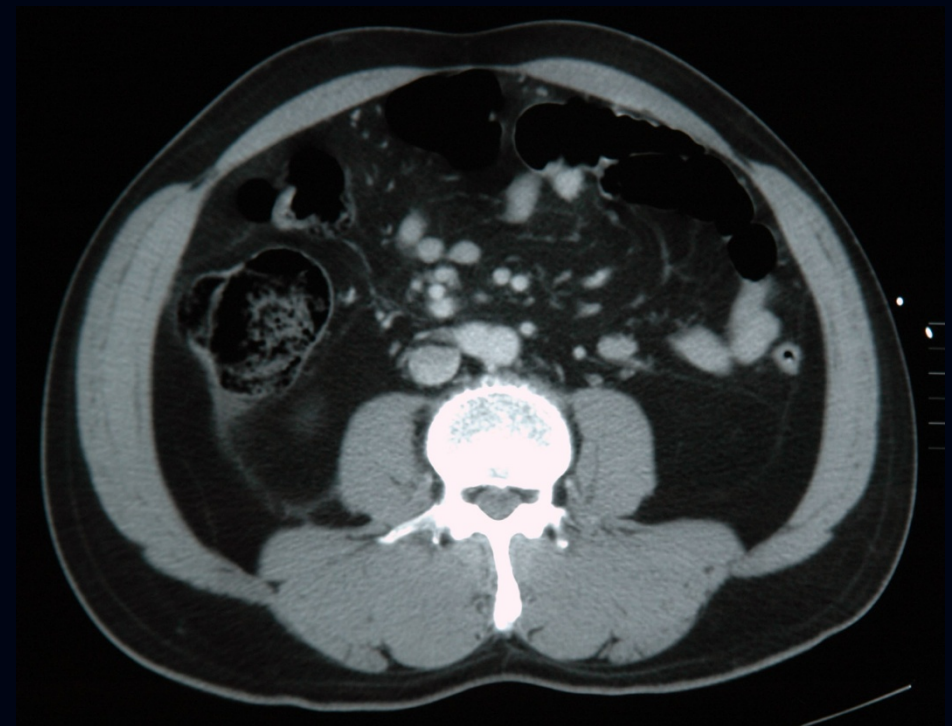
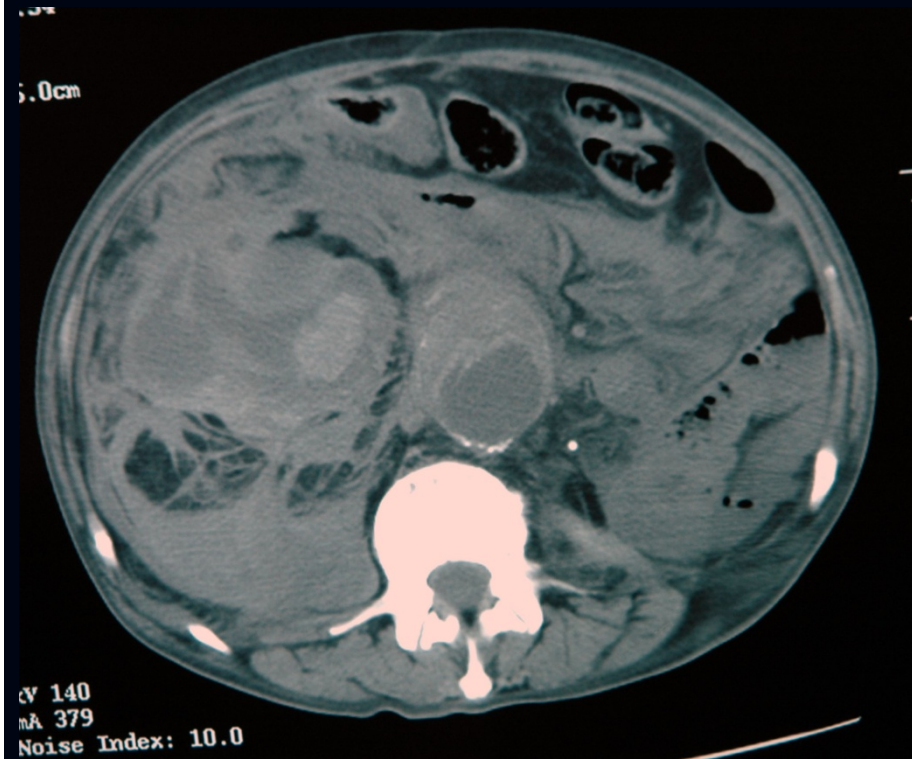
# The “Bleeargh” sign

Patent pending...

# What is the annual risk of rupture for a AAA > 5.5cm?

1. 2%
2. 6%
3. 16%
4. 40%

(Answer = 3)





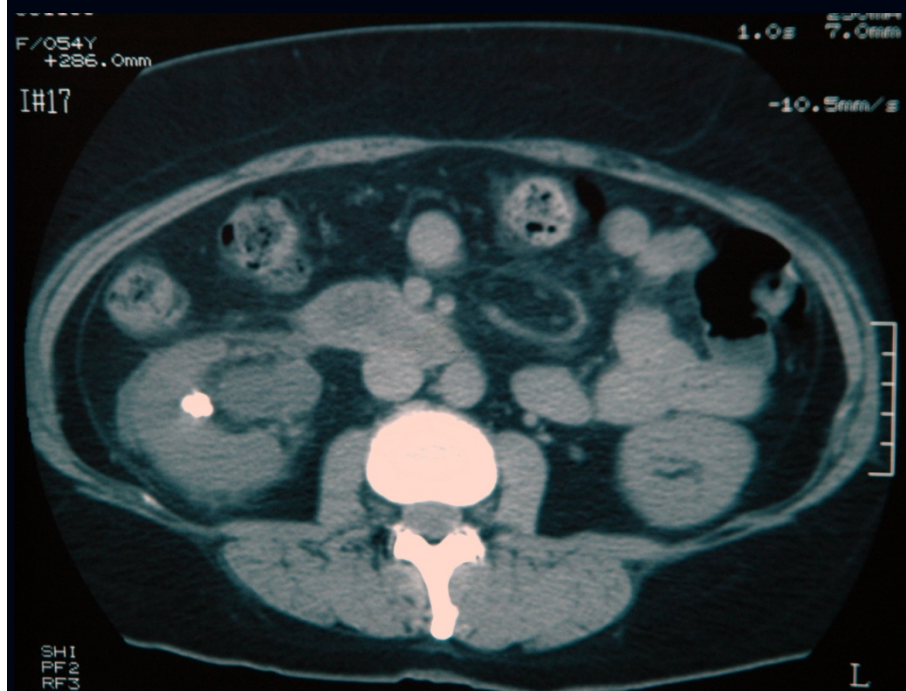
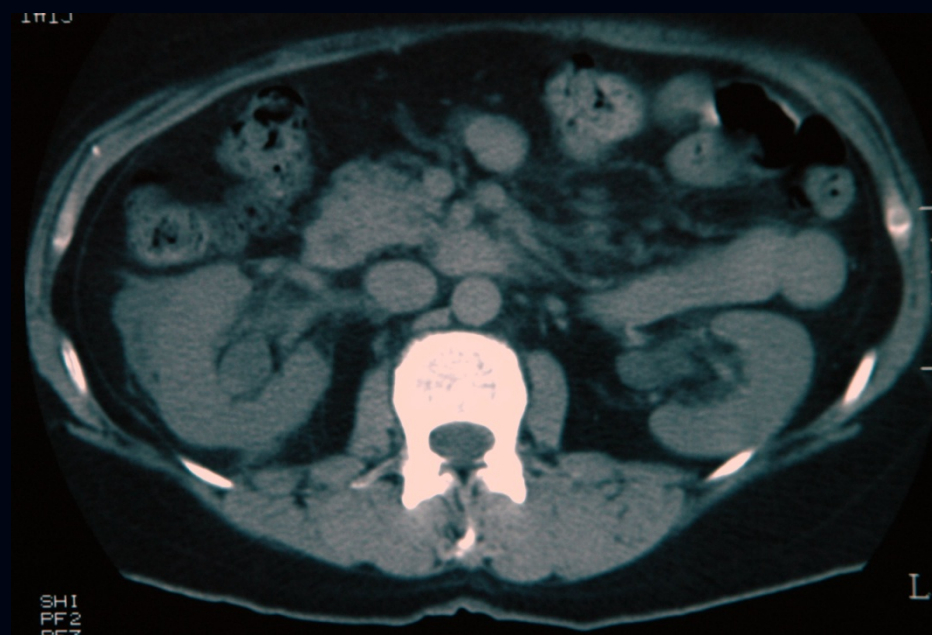
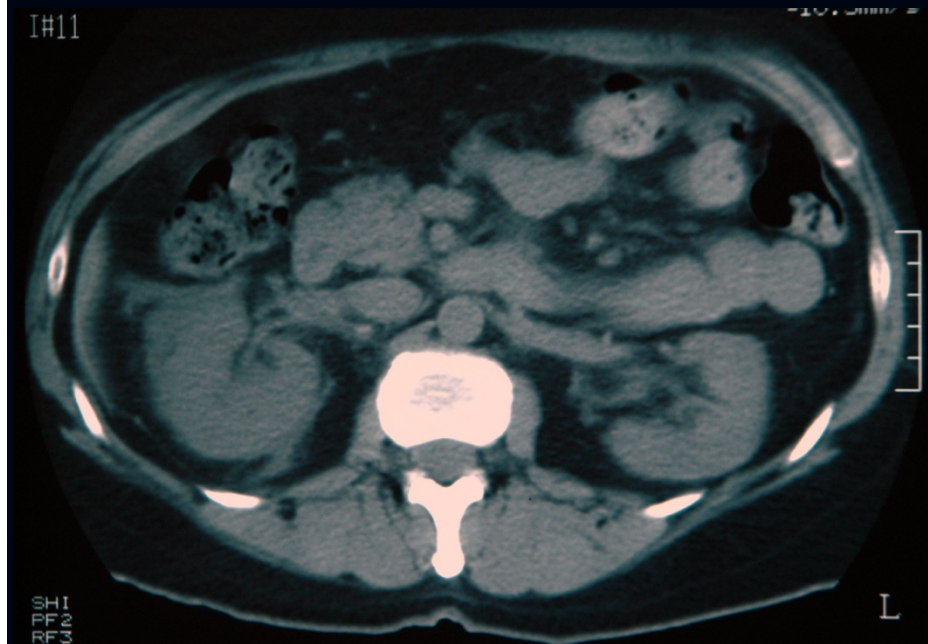


# Gallstones most frequently impact in the:

1. Terminal ileum
2. Proximal ileum
3. Jejunum
4. Duodenum

Answer = 1





# The chances of a 6mm calculus passing are:

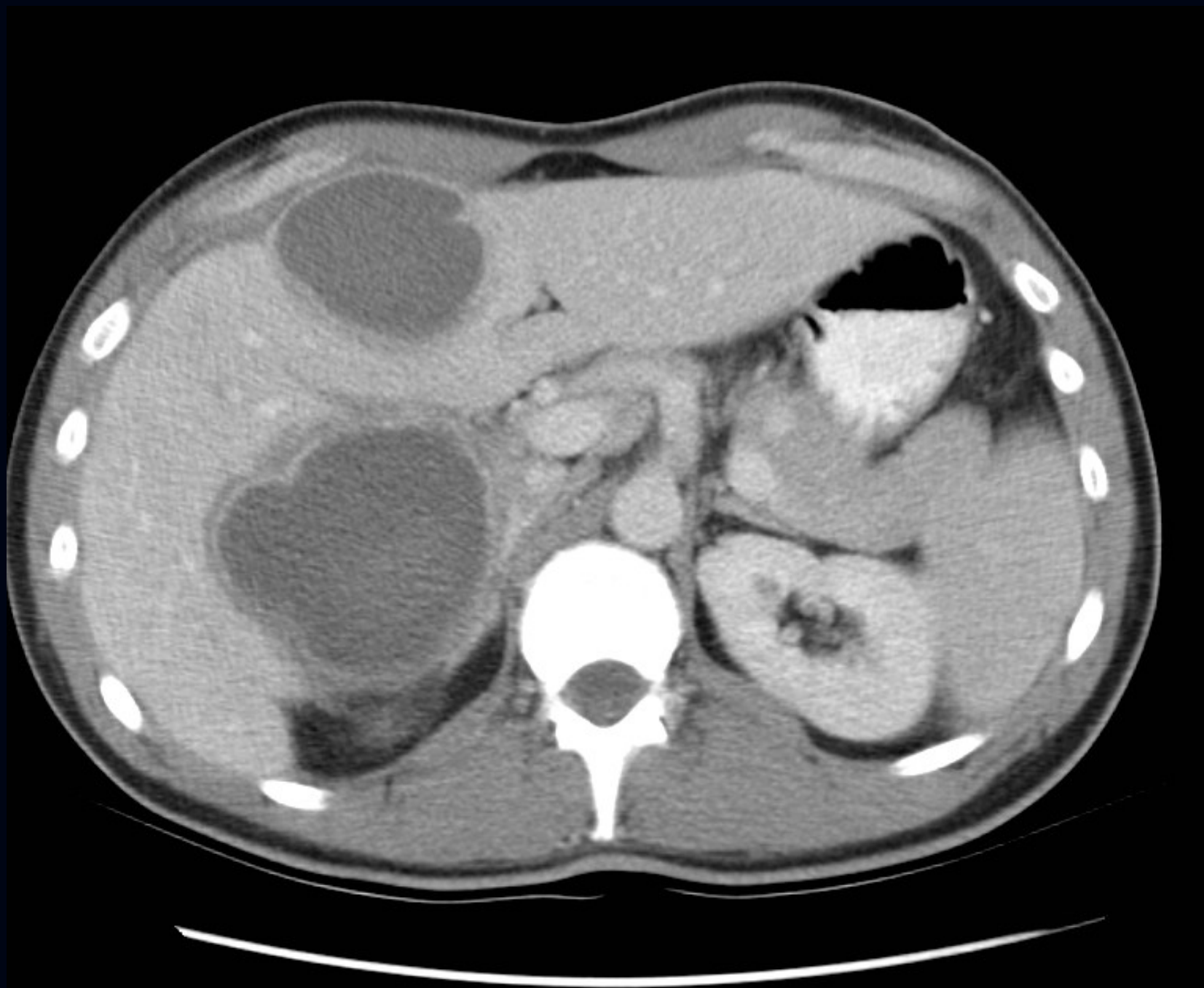
1. 5%
2. 15%
3. 80%
4. 90%

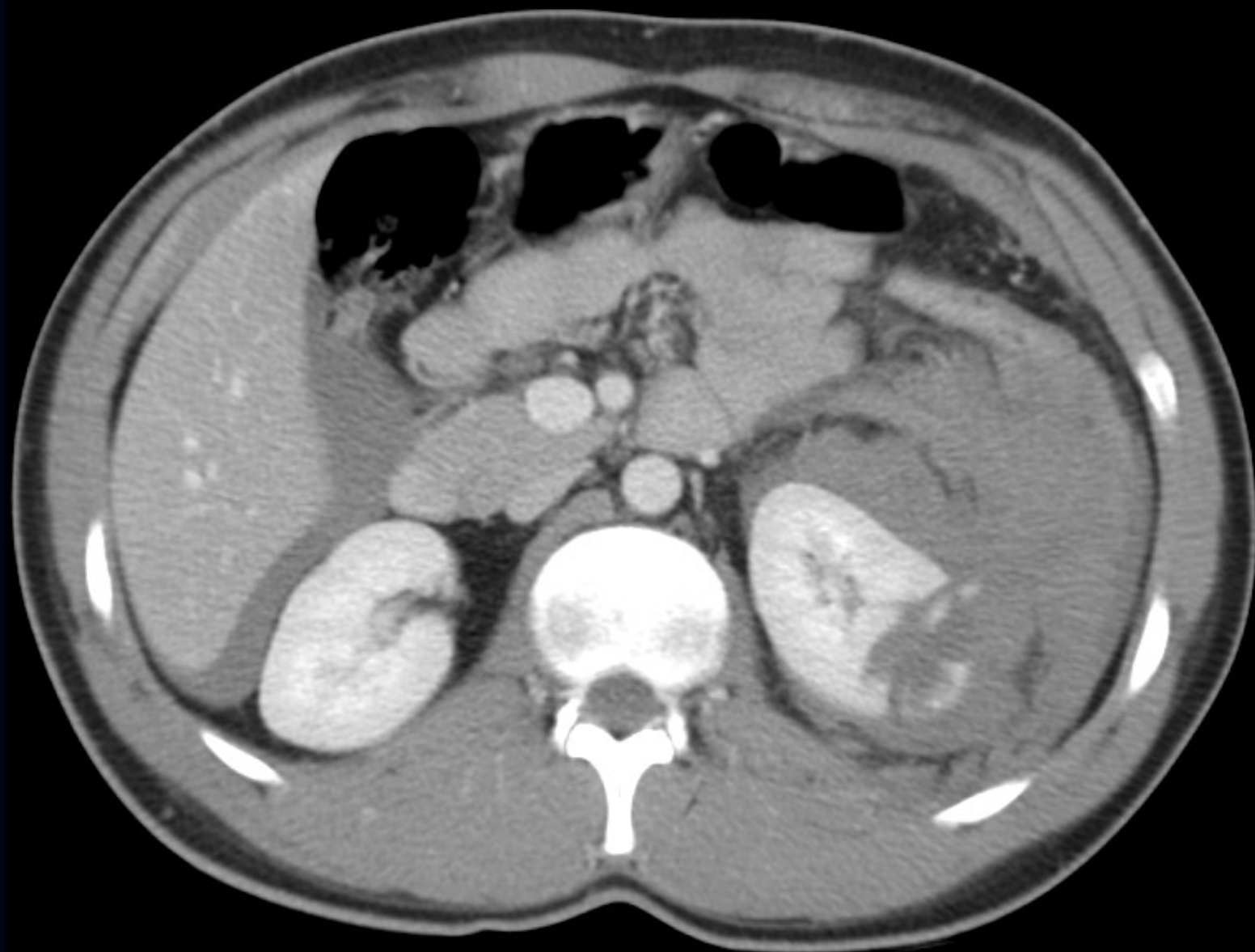
Answer = 2





# The Tennis Ball Sign





20

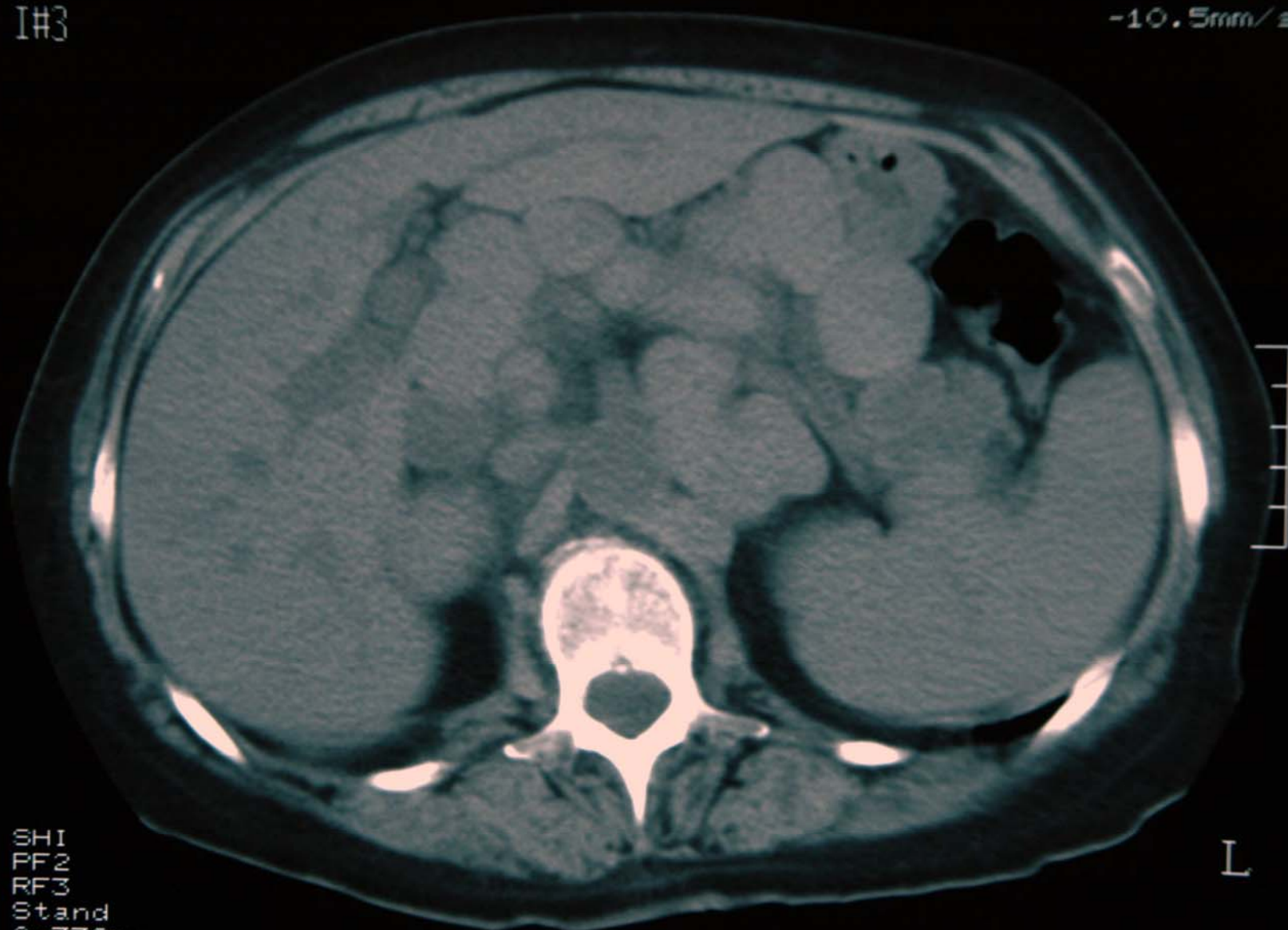


W 350 : L 40



I#3

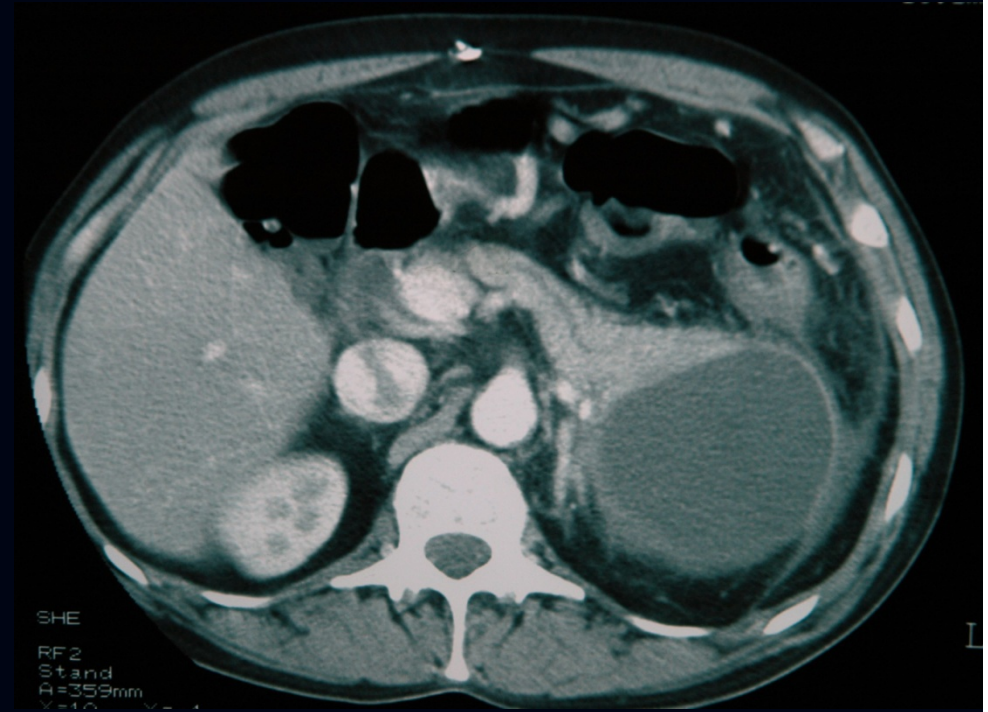
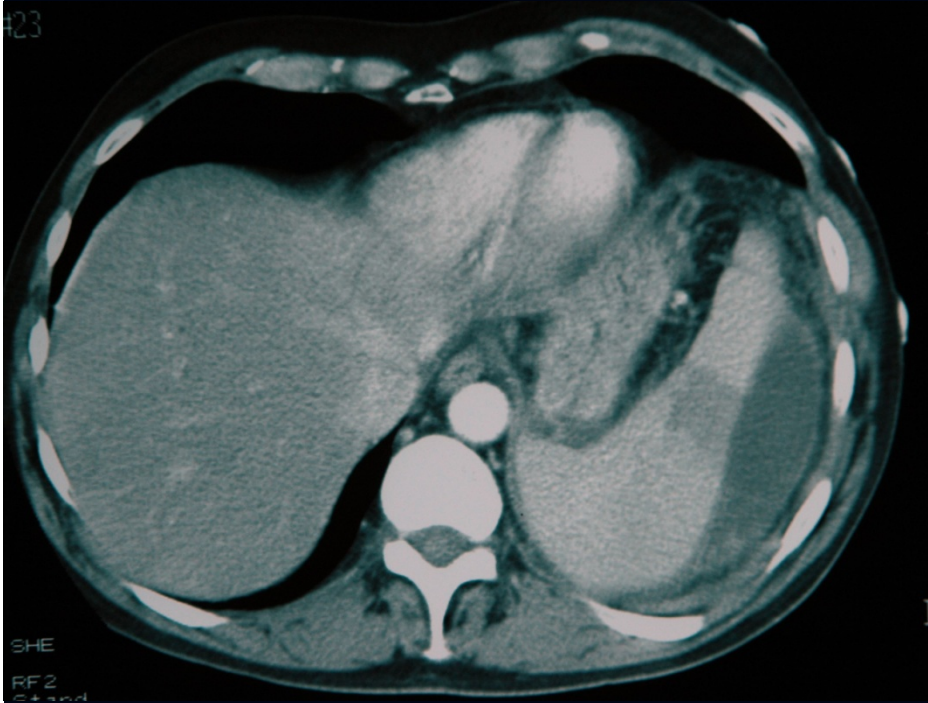
-10.5mm/z



SHI  
PF2  
RF3  
Stand  
A=332mm  
X=-10 Y=1

L

ED

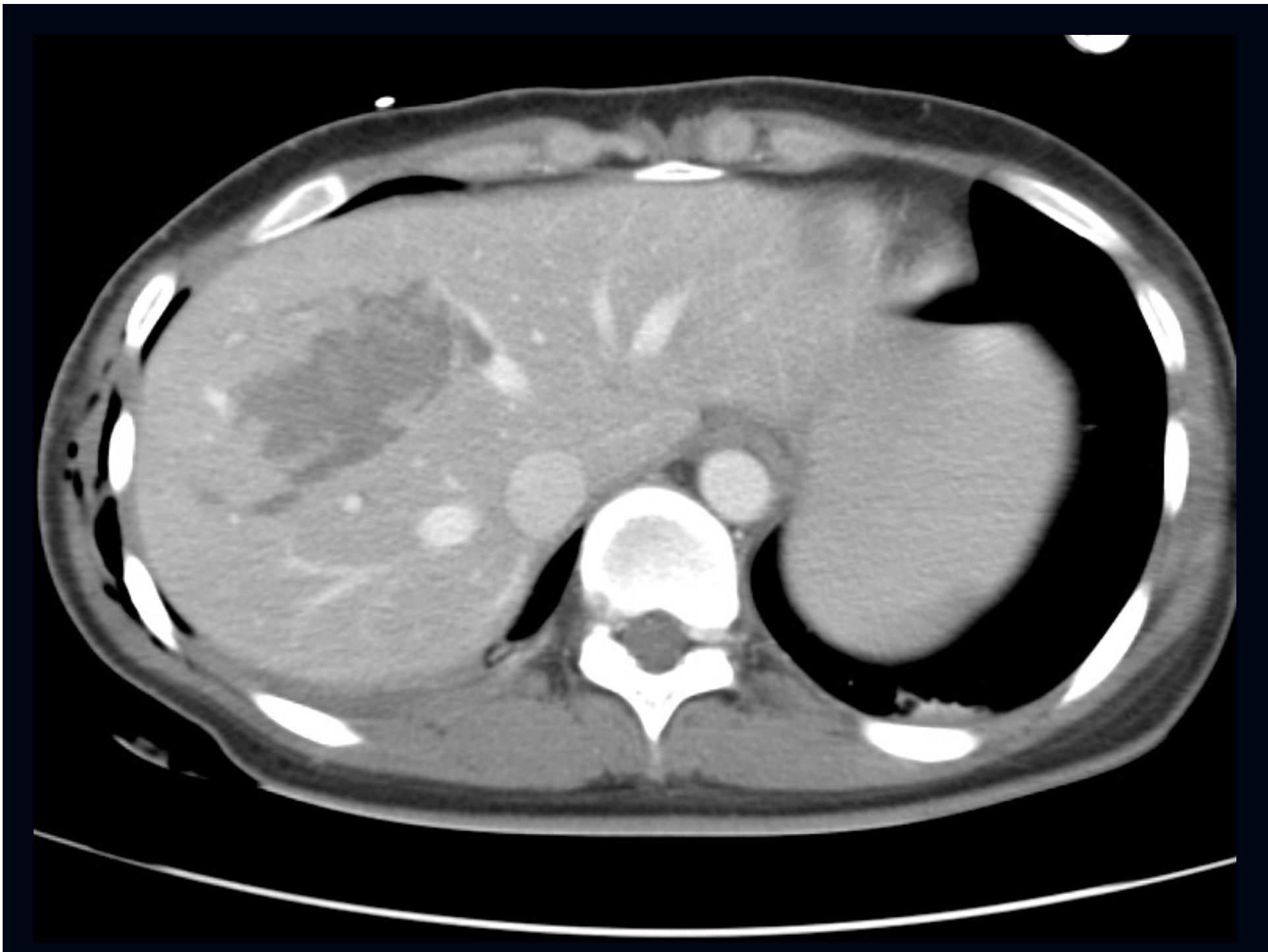


# Pancreatic pseudocysts typically appear:

1. During an episode of pancreatitis
2. At the end of an episode of pancreatitis
3. Several weeks after an episode of pancreatitis
4. Independent of episodes of pancreatitis

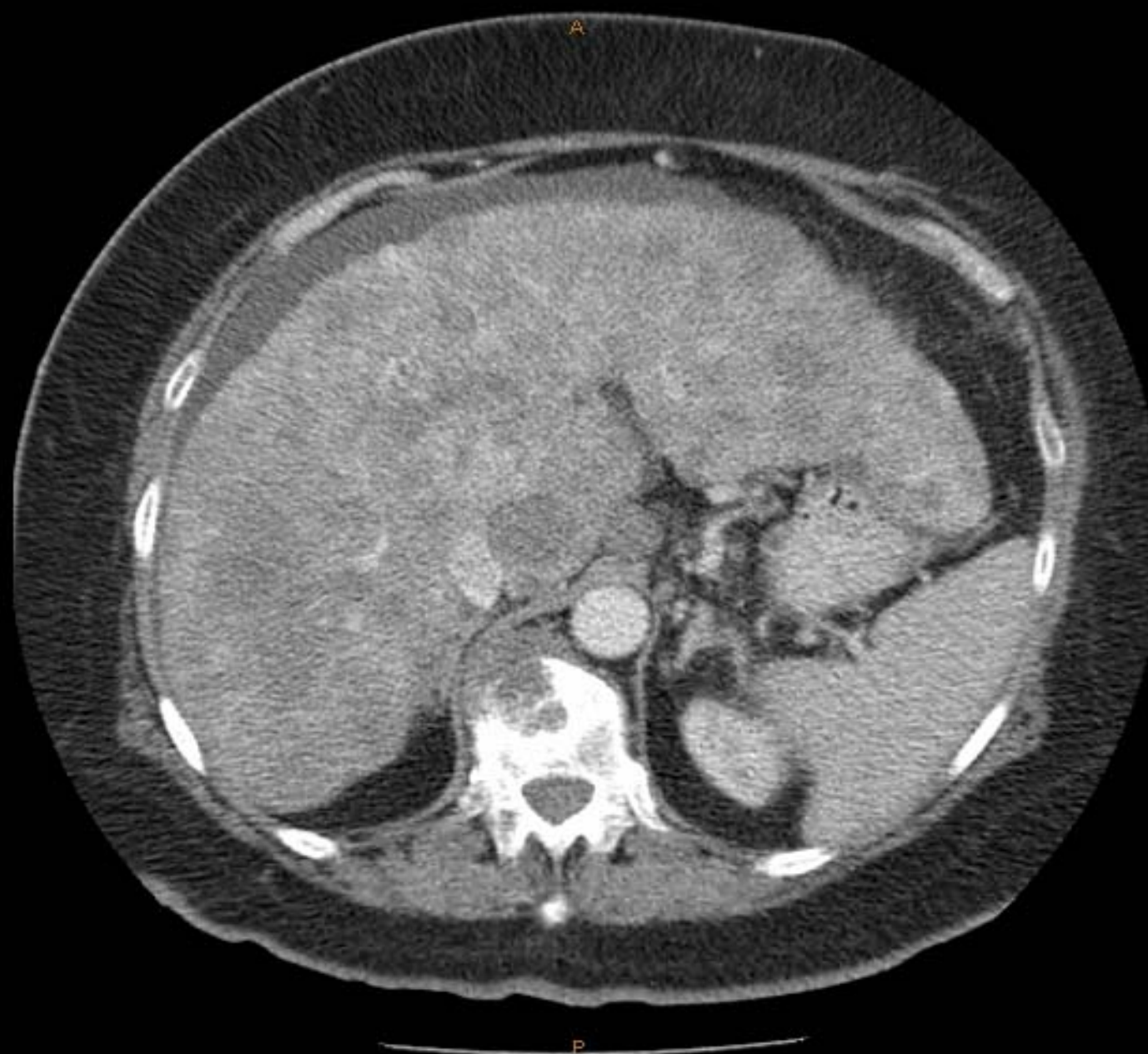
(Answer = 3)





CAP  
011 14:22:22  
319142932903

[DUO]



C/A/P CT  
3.75mm Std CAP  
Se: 19/08/2011 14:22:22  
Acc #G110819142932903  
Se: CT #3  
Im: 168/213  
120.0kVp  
437mA  
Tilt: 0.0deg

Manly Hospital  
[ DUGGAN^MARGARET ]  
[ 16/01/1948 ]  
[ F ] [ 063Y ]  
[ 361649MAN ]



R

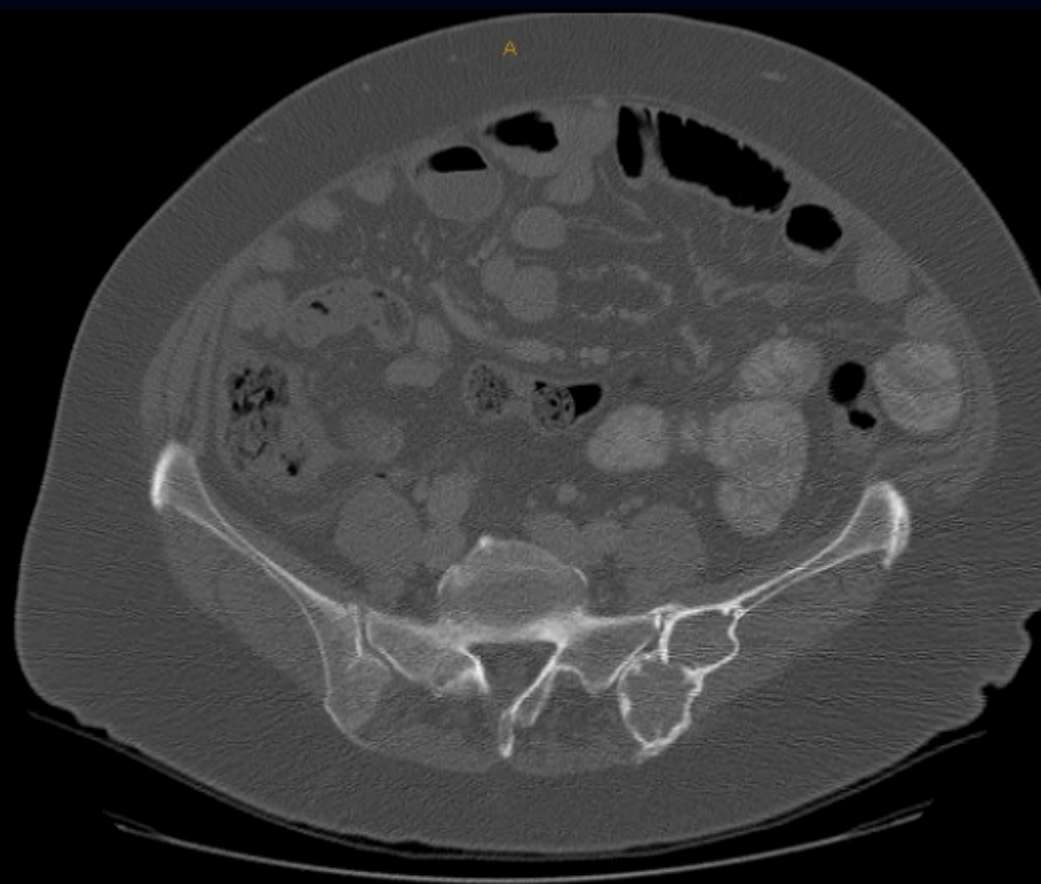
L

P

512x512  
Zoom: 105 %  
Compression: 4:1  
W: 379 L: 20  
3.75mm thk

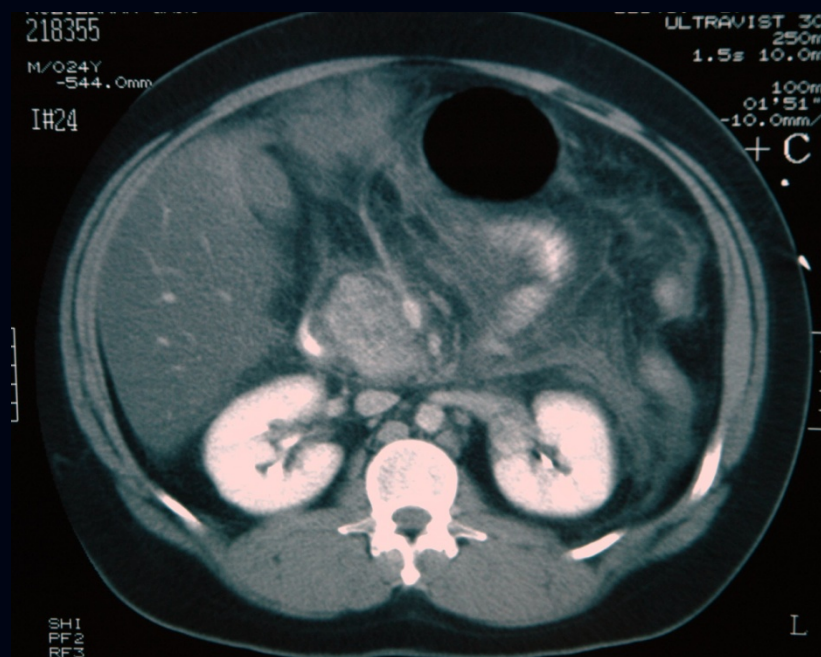
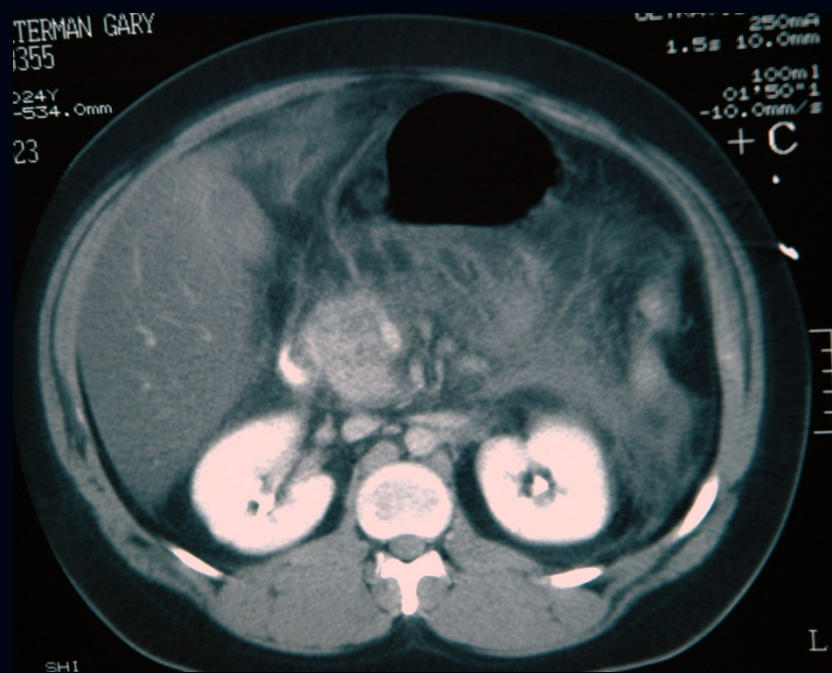
C/A/P CT  
PELVIS BONE  
Se: 19/08/2011 14:39:41  
Acc #G110819142932903  
Se: CT #105  
Im: 28/114  
120.0kVp  
292mA

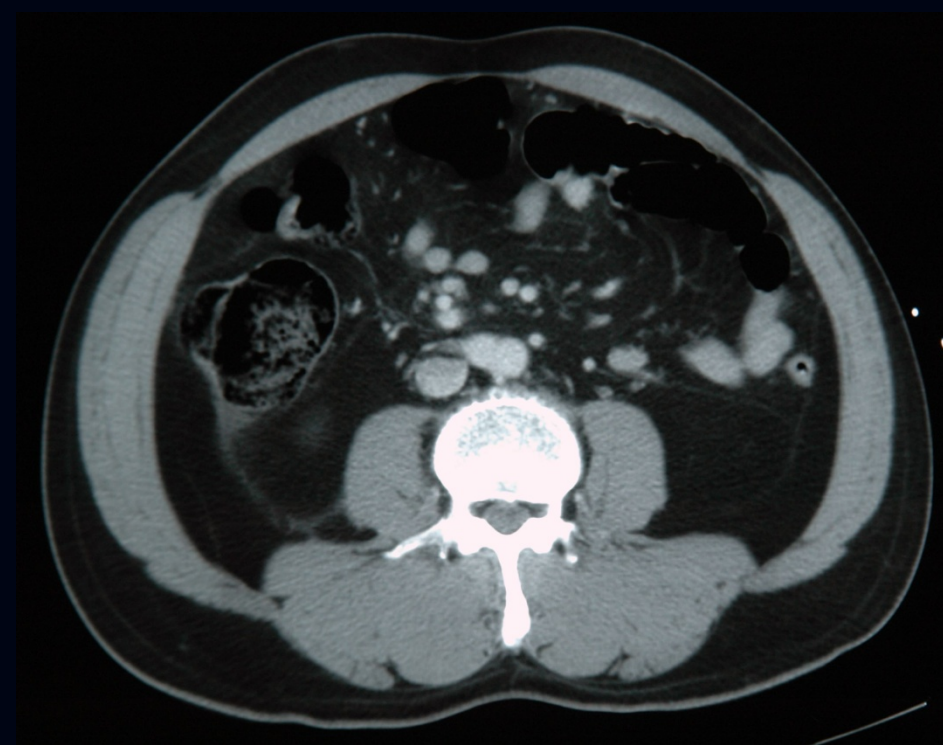
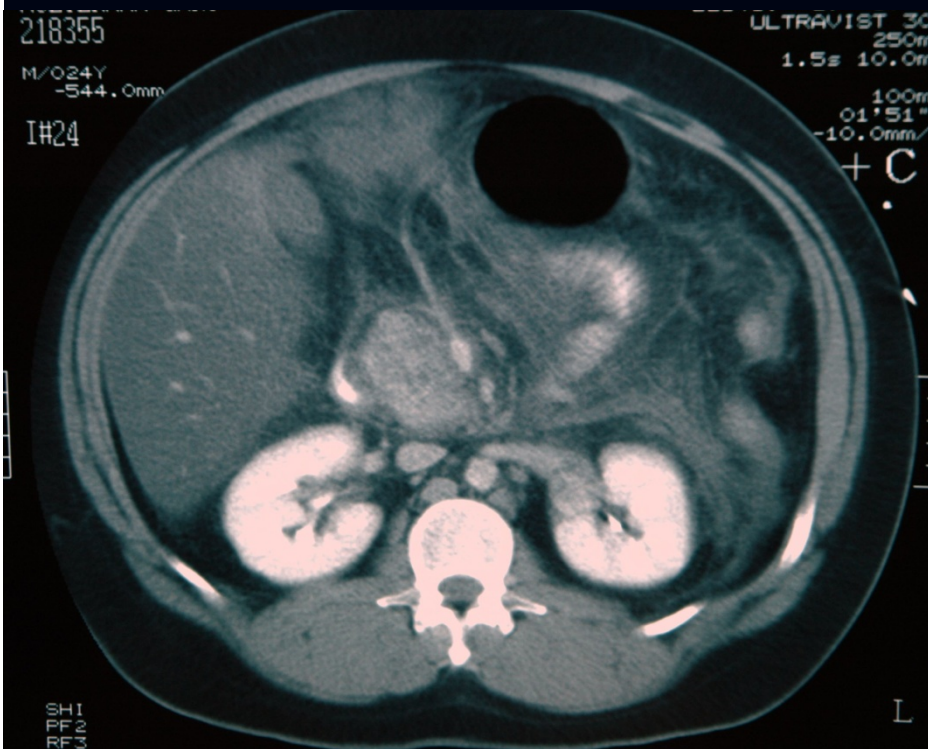
Manly Hospital  
[ DUGGAN^MARGARET ]  
[ 16/01/1948 ]  
[ F ] [ 063Y ]  
[ 361649MAN ]



512x512  
Zoom: 105 %  
Compression: 4:1  
W: 1999 L: 350  
2.0mm thk





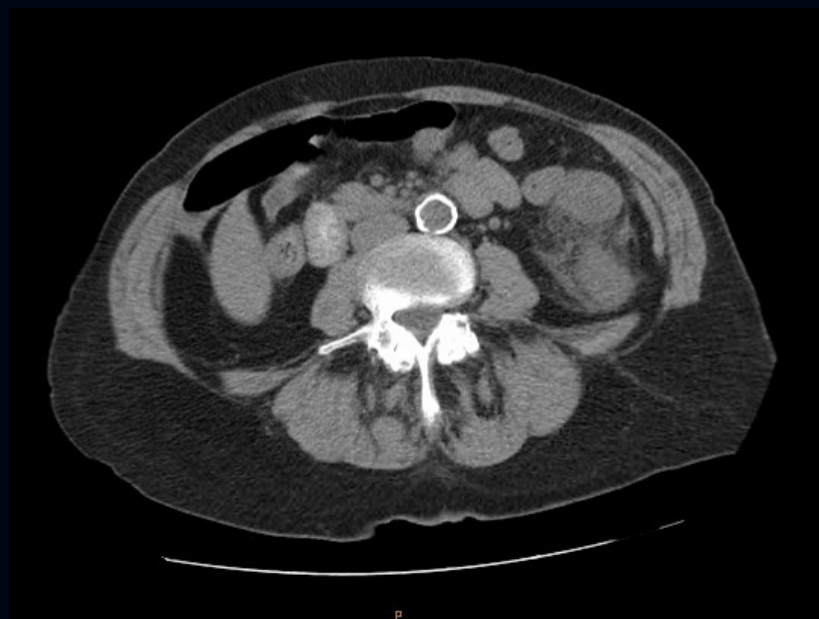
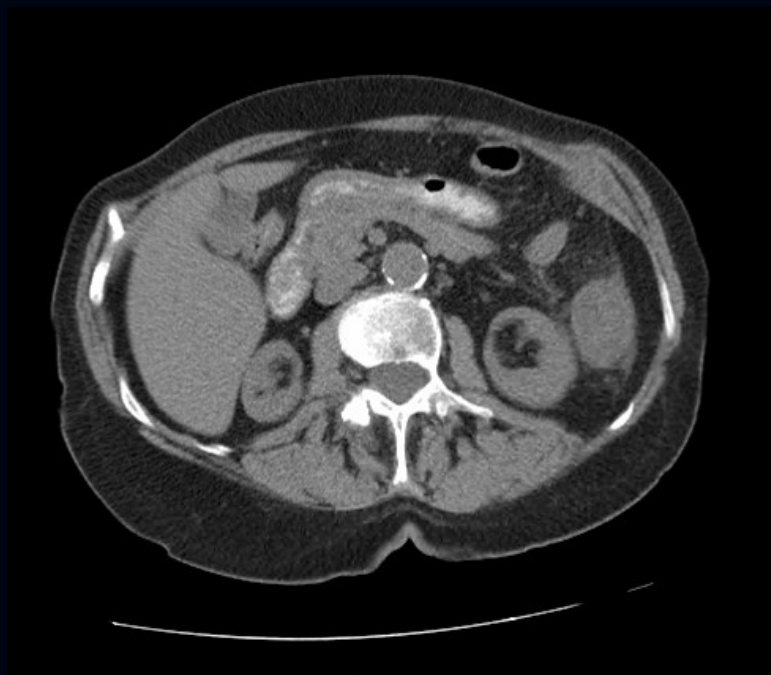




# Haemorrhagic pancreatitis has a mortality rate of:

1. 2%
2. 5%
3. 10%
4. 30%

(Answer = 4)









Apr 02 2007  
03:13:43 PM

P 158

WW: 400WL: 40



Apr 02 2007  
03:13:43 PM

P 158

WW: 400WL: 40

