

Acil Tıpta Abdominal Bilgisayarlı Tomografi (BT) Değerlendirmesi



Dr. SEMİH AYTAÇLAR

Acil Tıpta Abdominal BT Değerlendirmesi

■ Acilde Akut Karın Ağrısı

- En sık başvurulardan: % 5 - 10
- Etiyoloji çoğunda belirsiz: % 42
- Cerrahi neden % 15-40
- Yatış: % 20 - 40
- Yaşlılarda yatış: % 60

- Nonspesifik karın ağrısı...%34
- Apandisit...%28
- Safra yolu hast...%10
- Barsak obs...% 4
- Jinekolojik hast...% 4
- Pankreatit...% 3
- Renal kolik...% 3
- Peptik ülser perforasyon...% 3
- Malignite...% 2
- Divertiküler hast...% 2
- Diğer...% 6

Acil Tıpta Abdominal BT Değerlendirmesi

Hızlı erişim, yaygınlık, kolay kullanım,
MDCT ile ~170 cm tarama, artefakt çok az,
Mültiformat rekonstrüksiyonlar, hızlı sonuç
Medikal veya Cerrahi ABT da ↑ güvenilirlik

Gereksiz gözlem ↓

Gereksiz cerrahi ↓

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BT parametreleri ve ipuçları

Cerrahi Abdominal BT

- (künt ve perforan travma-vasküler)
- Oral kontrast (gerekmez)
- 3.5 cc/sn IV Kontrast
- 1.5 cc/sn IV Salin
 - 60 sn dt (Portal)
 - 150 sn dt (Tardif)

Medikal ve Non travmatik Cerrahi Abdominal BT

- Oral Kontrast (gerekir) (1.5 lt içine 50 cc suda erir)(telebrix, hexabrix, ürovist) Baryum Ø
- 4-5 cc/sn IV Kontrast
- 3 cc/sn IV Salin
 - 50 sn dt (Geç arterial-Erken portal Faz)
 - 80 sn venöz faz

Dr. Stephan Anderson

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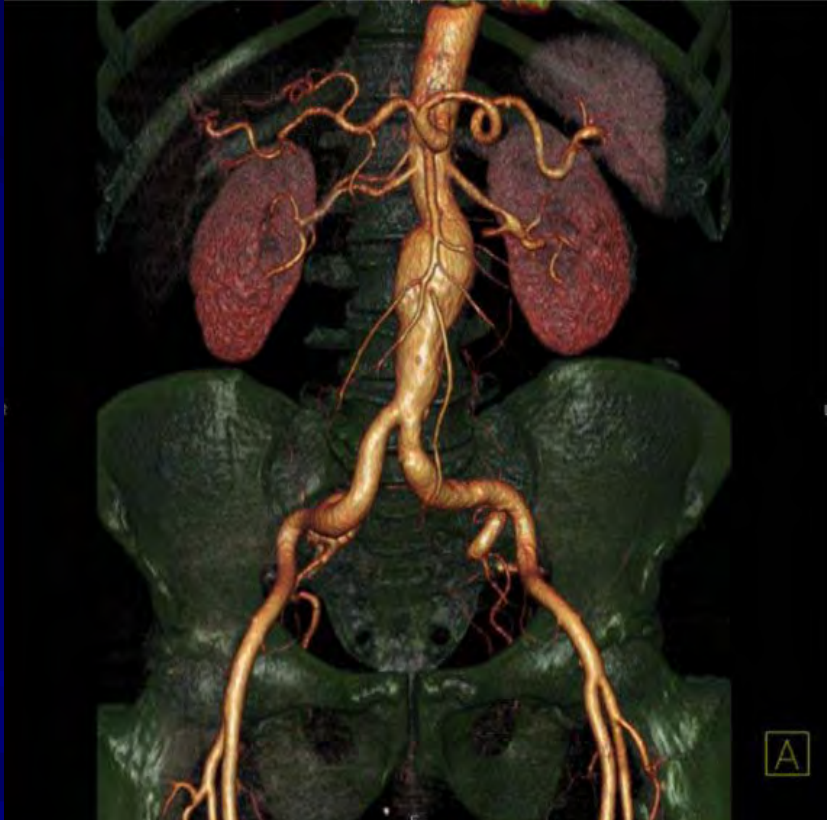
BT parametreleri ve ipuçları

TEMEL İPUÇLARI

- Vasküler Yapıların Değerlendirilmesi
- Barsak duvar kalınlaşması
- Yağ infiltrasyonu
- Serbest hava
- Serbest sıvı
- Kalsifikasyon
- İntestinal obstrüksiyon
- Lenfadenit
- Karın duvarı
- Diğer

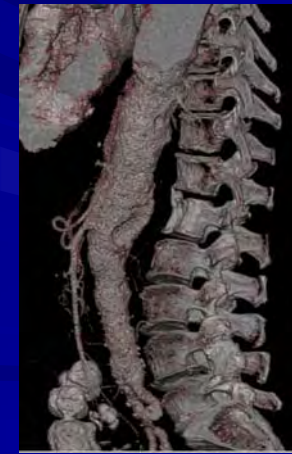
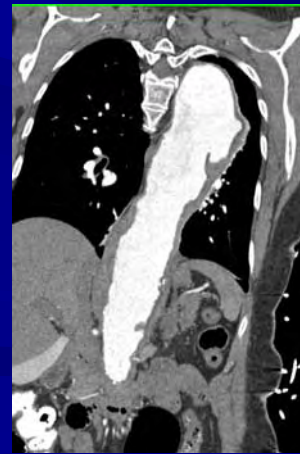
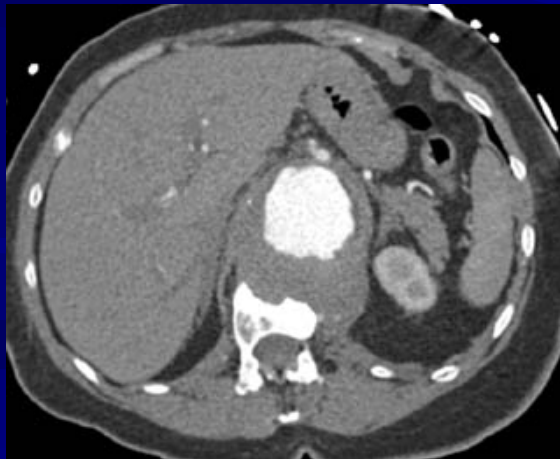
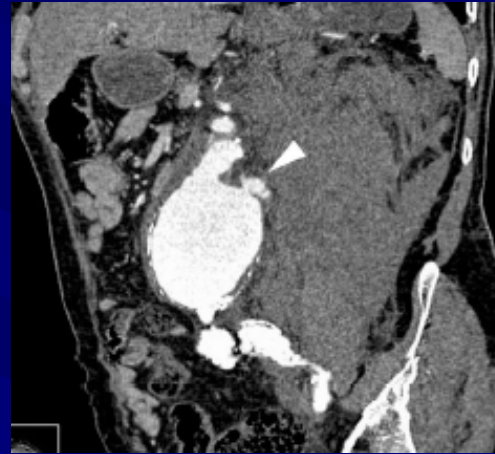
Acil Tıpta Abdominal BT Deęerlendirmesi

1. Vasküler Yapıların Deęerlendirilmesi (Anevrizma)



Acil Tipta Abdominal BT Deęerlendirmesi

1. Vasküler Yapıların Deęerlendirilmesi (Anevrizma)



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1. Vasküler Yapıların Deęerlendirilmesi (Anevrizma)



Acil Tipta Abdominal BT Deęerlendirmesi

1. Vasküler Yapıların Deęerlendirilmesi (Disseksiyon)



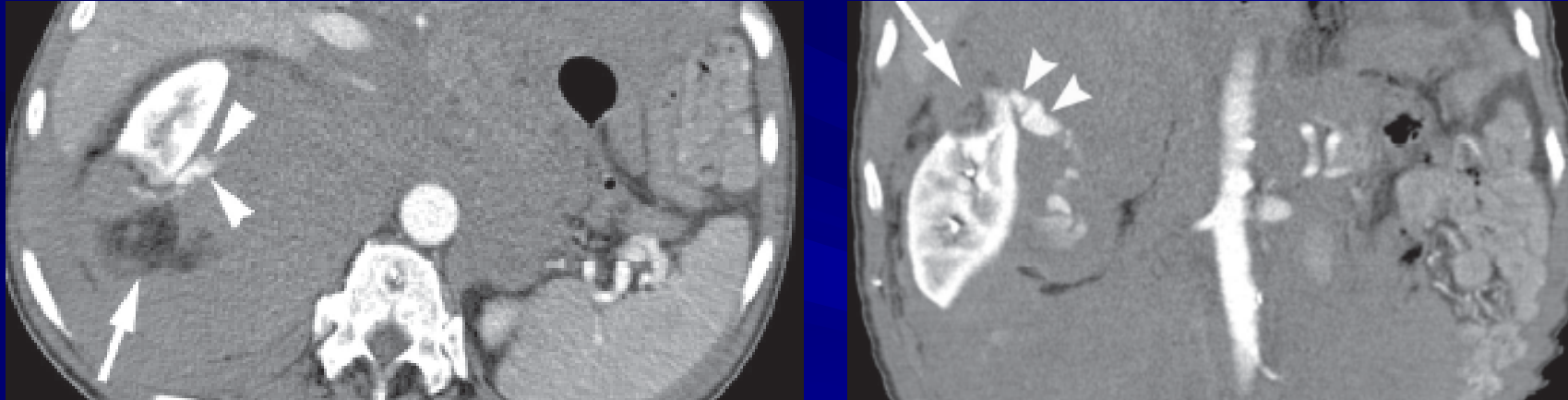
Acil Tipta Abdominal BT Deęerlendirmesi

1. Vasküler Yapıların Deęerlendirilmesi (Disseksiyon)



Acil Tıpta Abdominal BT Değerlendirmesi

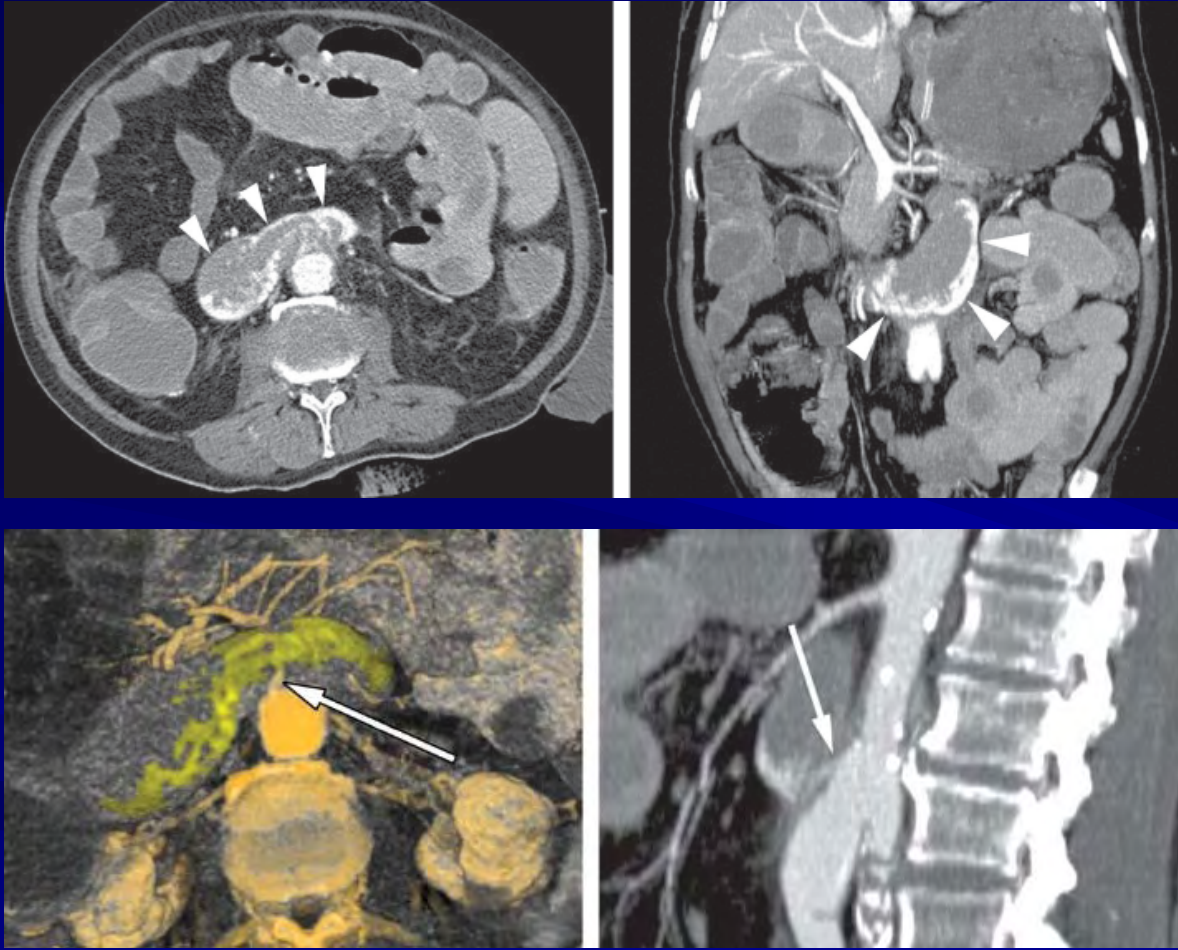
1. Vasküler Yapıların Değerlendirilmesi (Ekstravazasyon)



Renal hemanjiyolipom ekstravazasyonu

Acil Tipta Abdominal BT Deęerlendirmesi

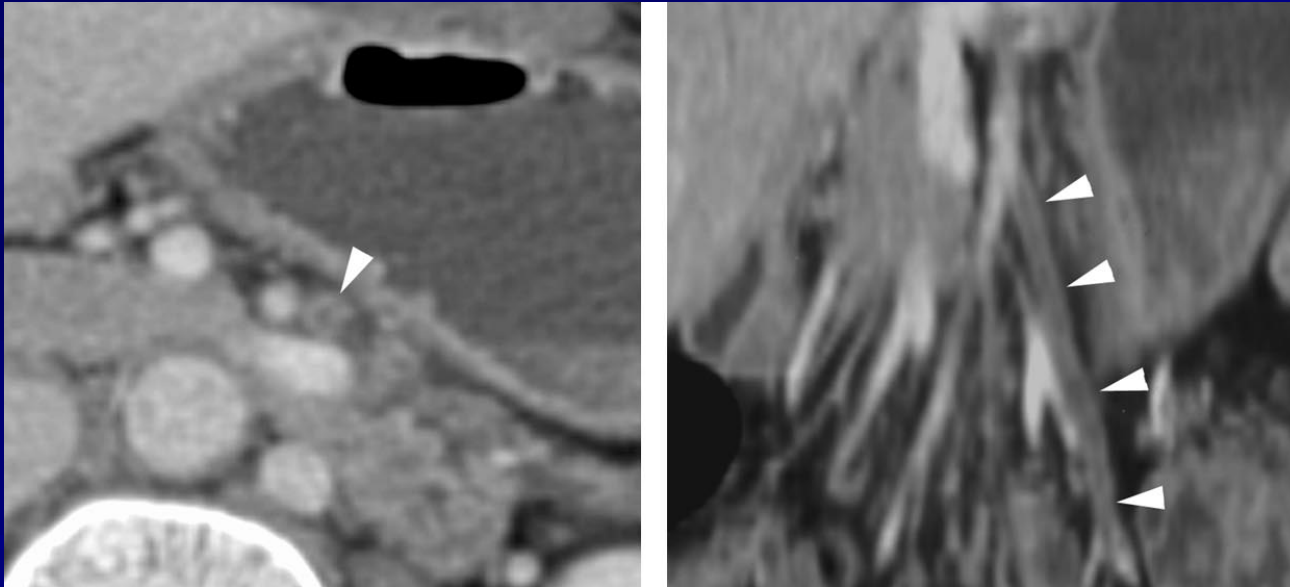
1. Vasküler Yapıların Deęerlendirilmesi (fistül)



Aortoiliak shunt olan
hastada gelişen Aorto
Duodenal Fistül

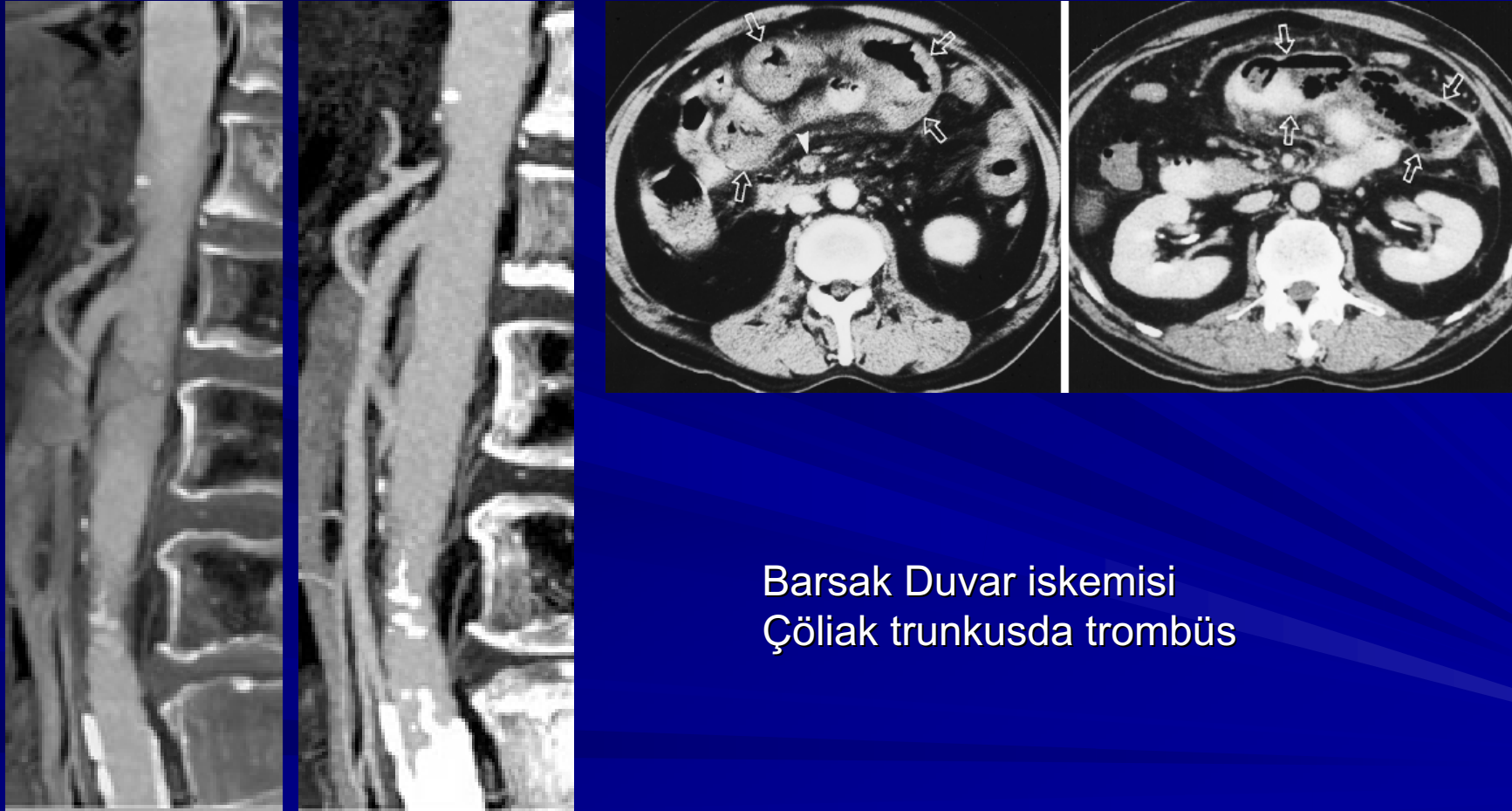
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1. Vasküler Yapıların Değerlendirilmesi (oklüzyon-stenoz)



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2. Barsak duvar kalınlaşması



Barsak Duvar iskemisi
Çöliak trunkusda trombüs

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2. Barsak duvar kalınlaşması



Sezaryan
Operayonundan
sonra gelişen Şok
ve mezenterik
iskemi



Rektumda CA
İskemik kolik anslar



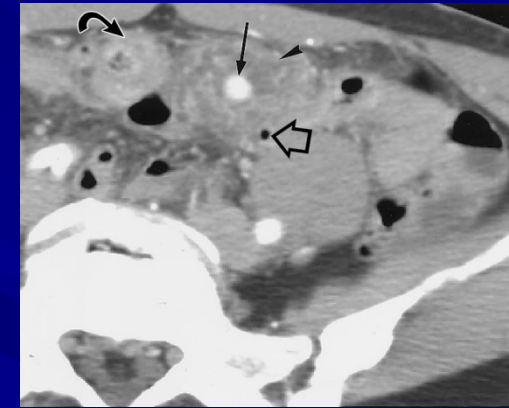
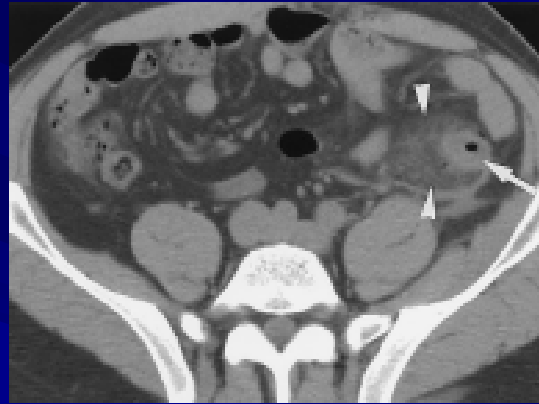
SLE vaskülit
sonrası iskemik
ince barsak
ansları

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3. Yağ infiltrasyonu (mezenterik)



Divertikülit sonrası yağ infiltrasyonu



Divertikül içinde fekalit

Yağ infiltrasyonu ile duvar kalınlığı uyumsuz olabilir hastalık derecesi ile paralellik göstermez

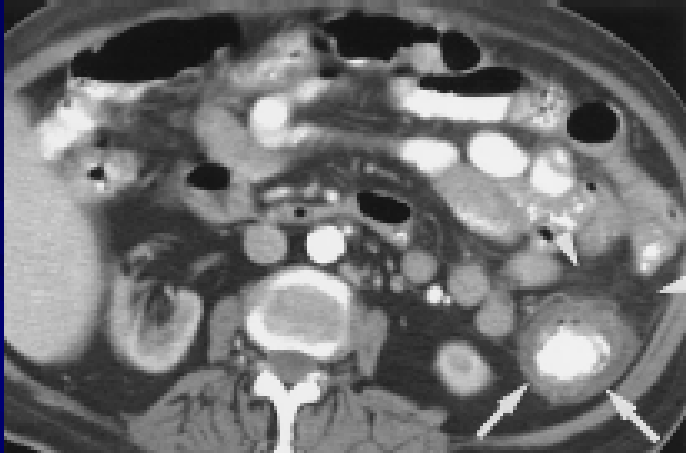
Acil Tipta Abdominal BT Deęerlendirmesi

3. Yaę infiltrasyonu (mezenterik)



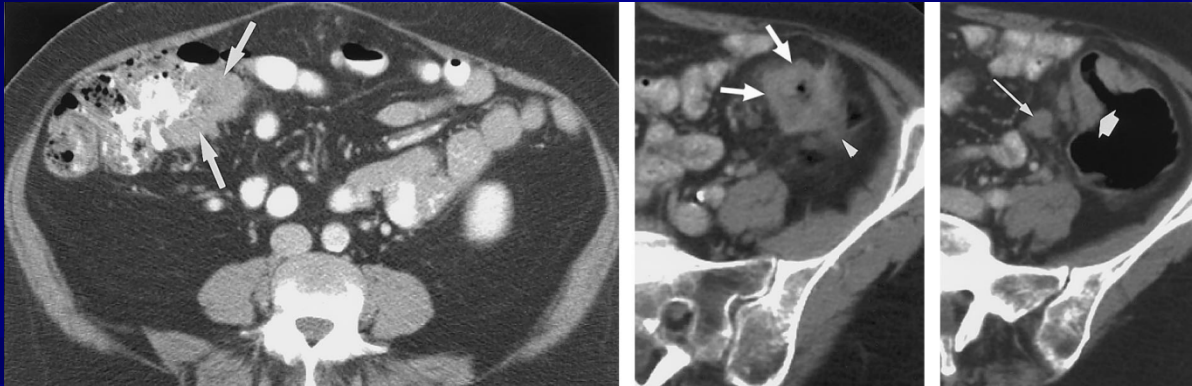
Acil Tipta Abdominal BT Deęerlendirmesi

3. Yaę infiltrasyonu (mezenterik)



Pseudomembranöz Kolit

Yaę infiltrasyonu az
duvar kalın



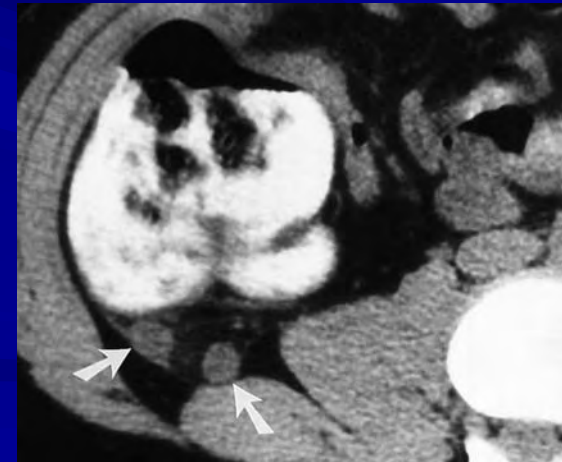
Kolon Adeno CA

Yaę infiltrasyonu
neredeyse yok
duvar kalın

Yaę infiltrasyonu ile duvar kalınlığı uyumsuz olabilir hastalık derecesi ile paralellik göstermez

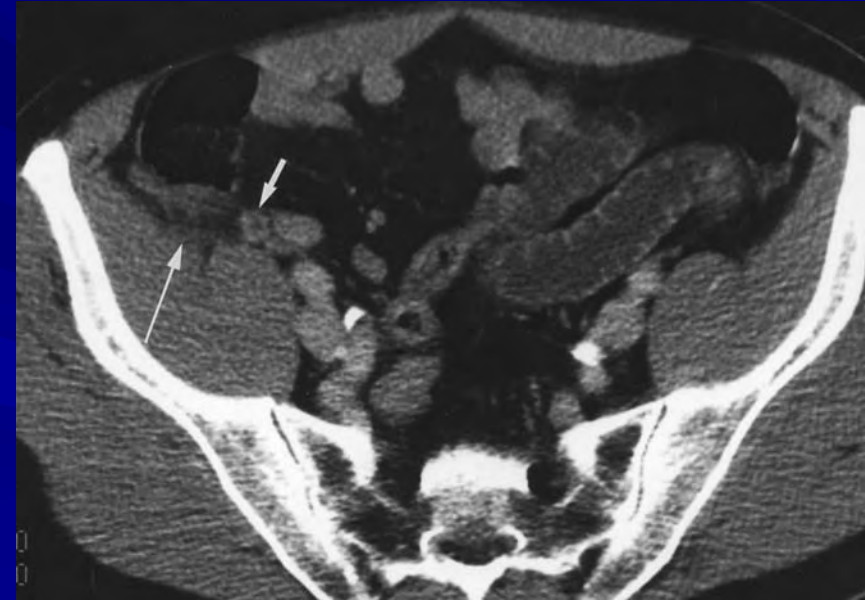
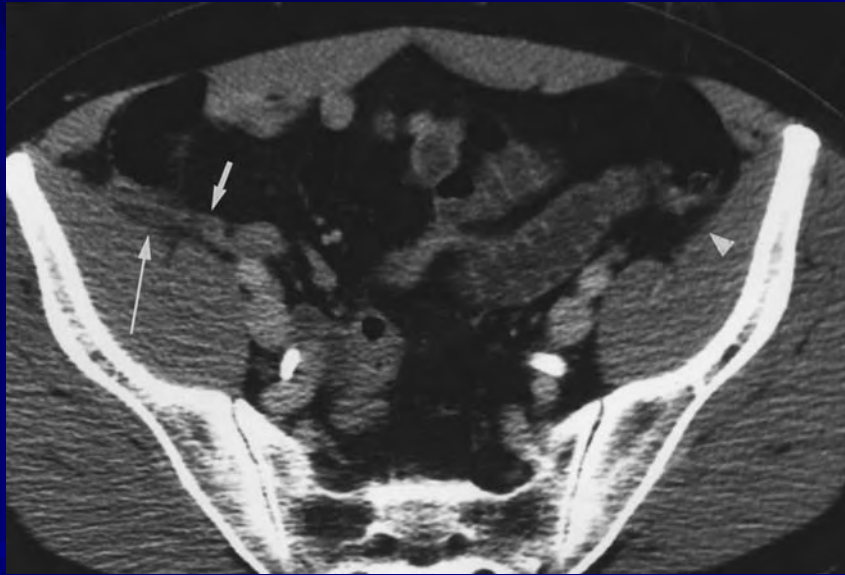
Acil Tipta Abdominal BT Deęerlendirmesi

3. Yaę infiltrasyonu (apandisit)



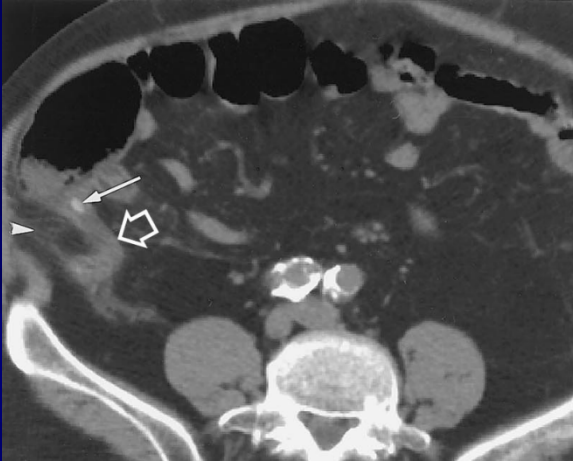
Acil Tipta Abdominal BT Deęerlendirmesi

3. Yaę infiltrasyonu (apandisit)

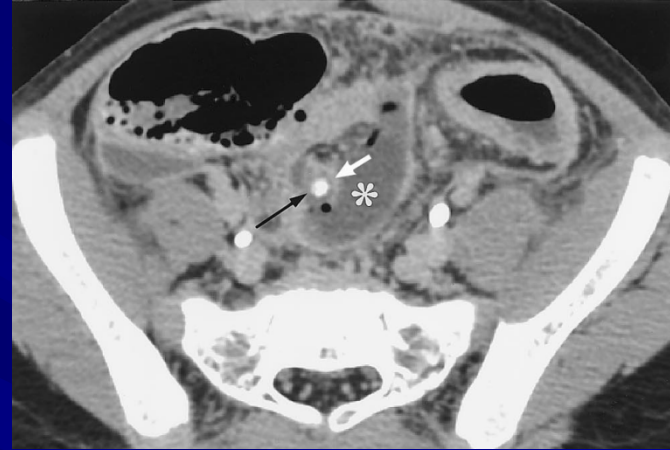


Acil Tipta Abdominal BT Deęerlendirmesi

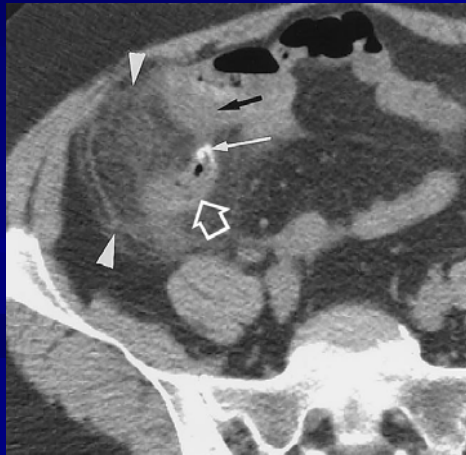
3. Yaę infiltrasyonu (apandisit)



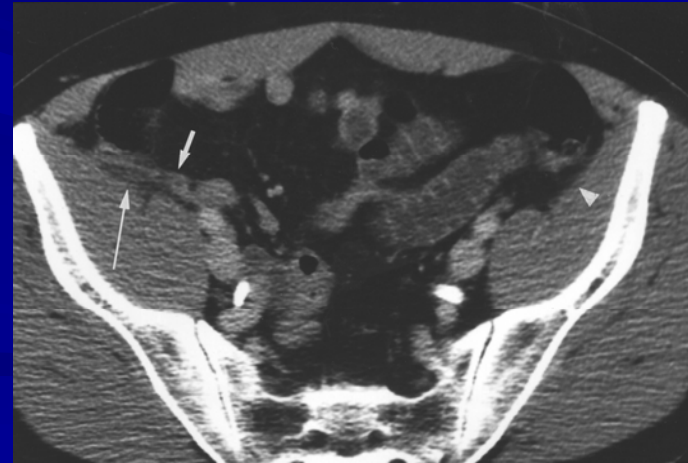
Appendikolit 70y



Perforasyon+ Appendikolit+ apse+peritonit



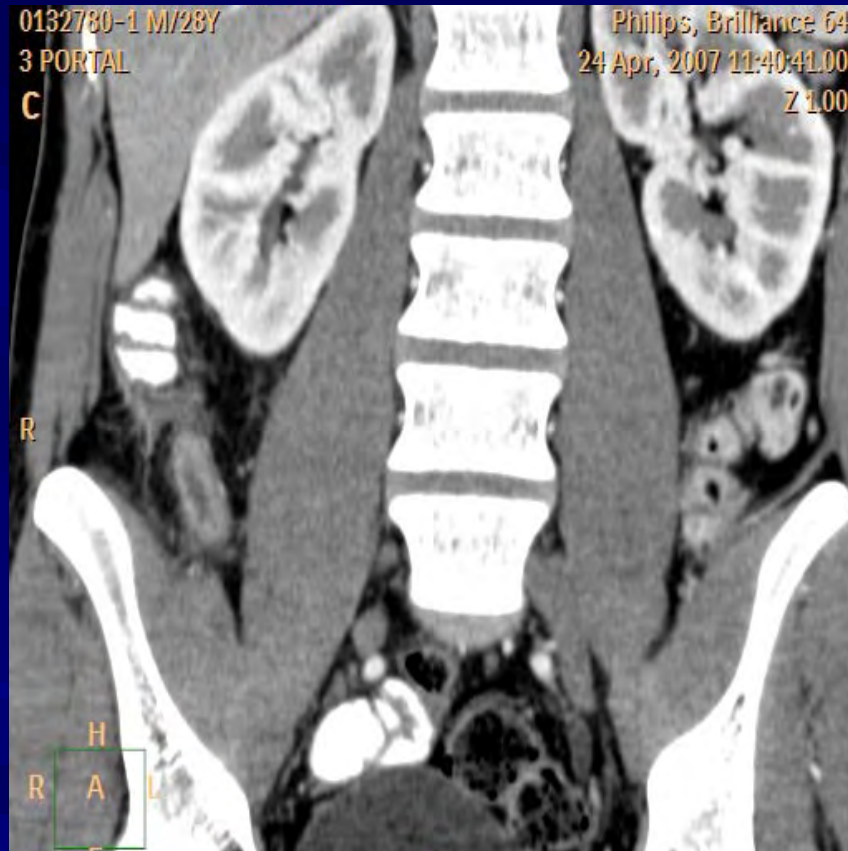
Appendikolit 7y



Milimetrik yaę infiltrasyonu

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3. Yaę infiltrasyonu (apandisit)

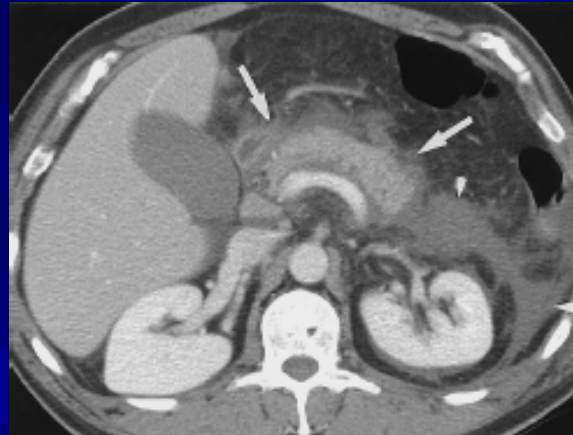


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3. Yaę infiltrasyonu (dięer)



Peritonitis
Karsinomatoza



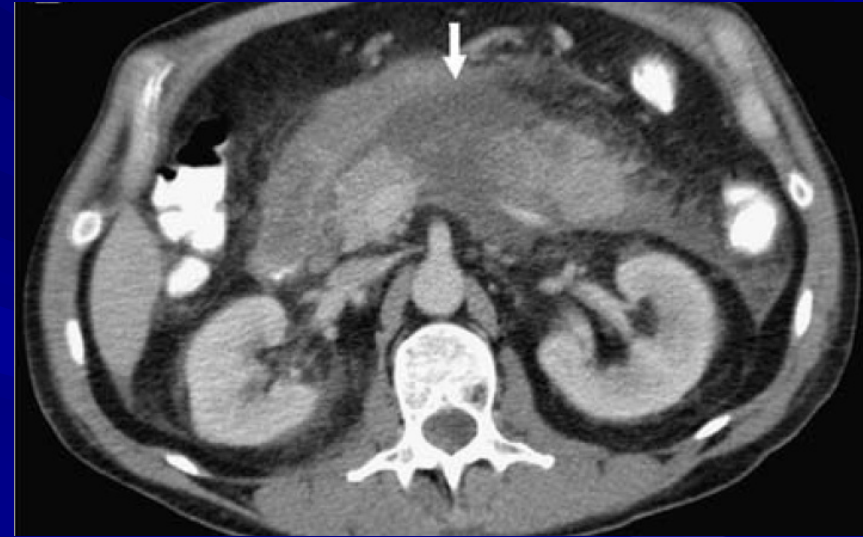
Pankreatit



Omental tbc

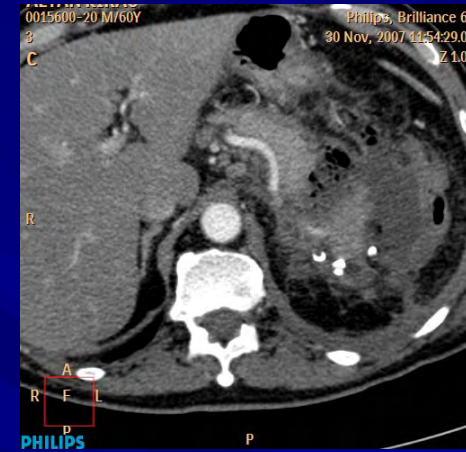
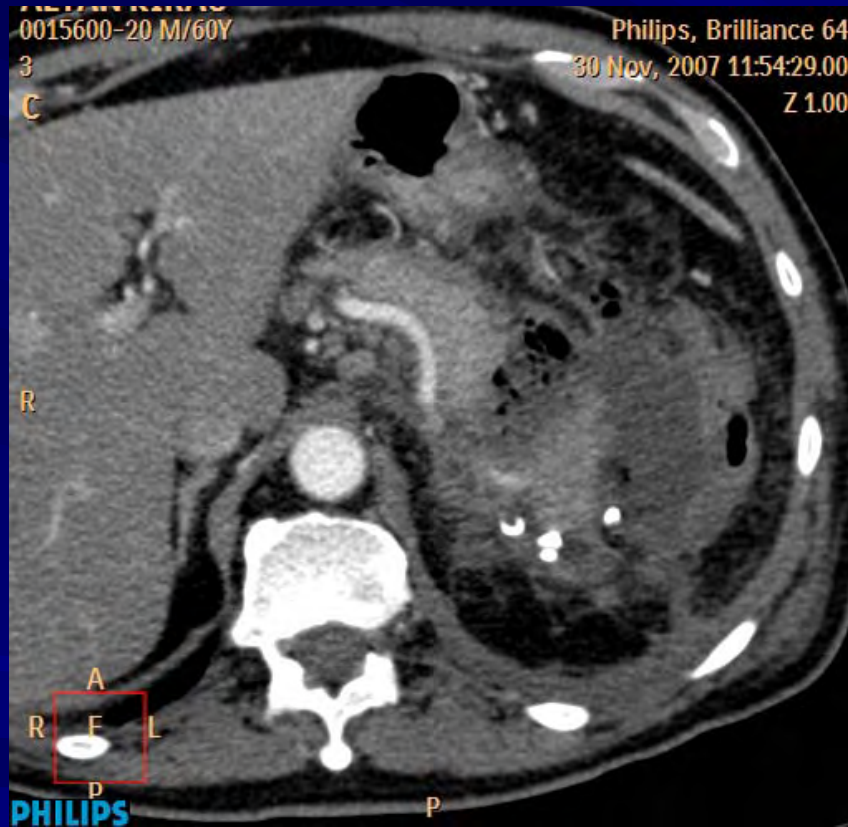
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3. Yağ infiltrasyonu (koledok taşı – nekrotizan pankreatit)



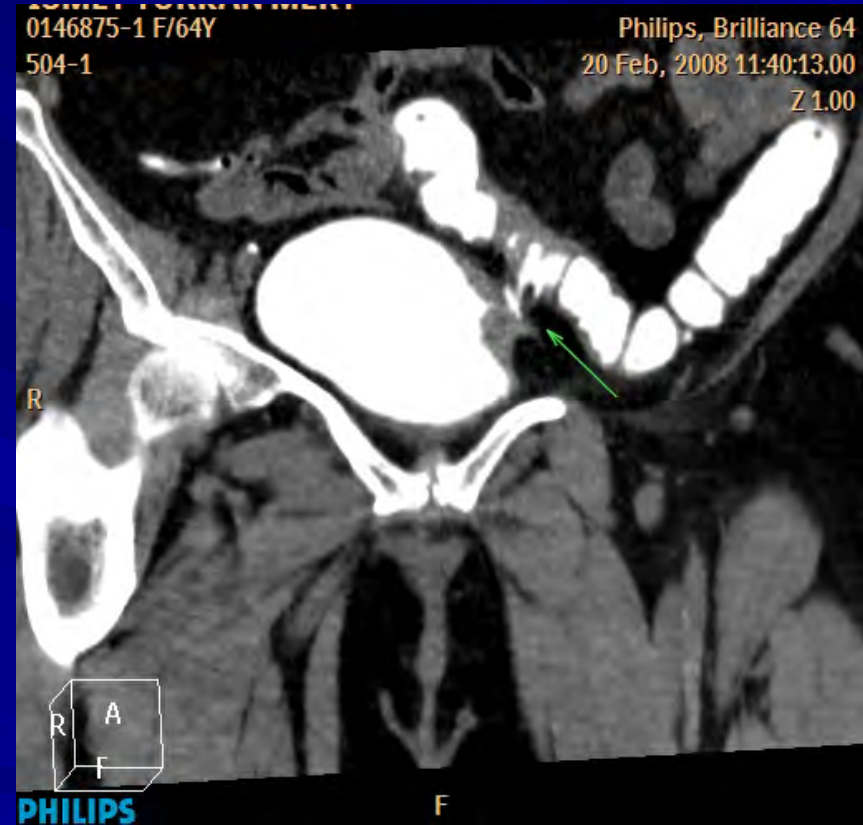
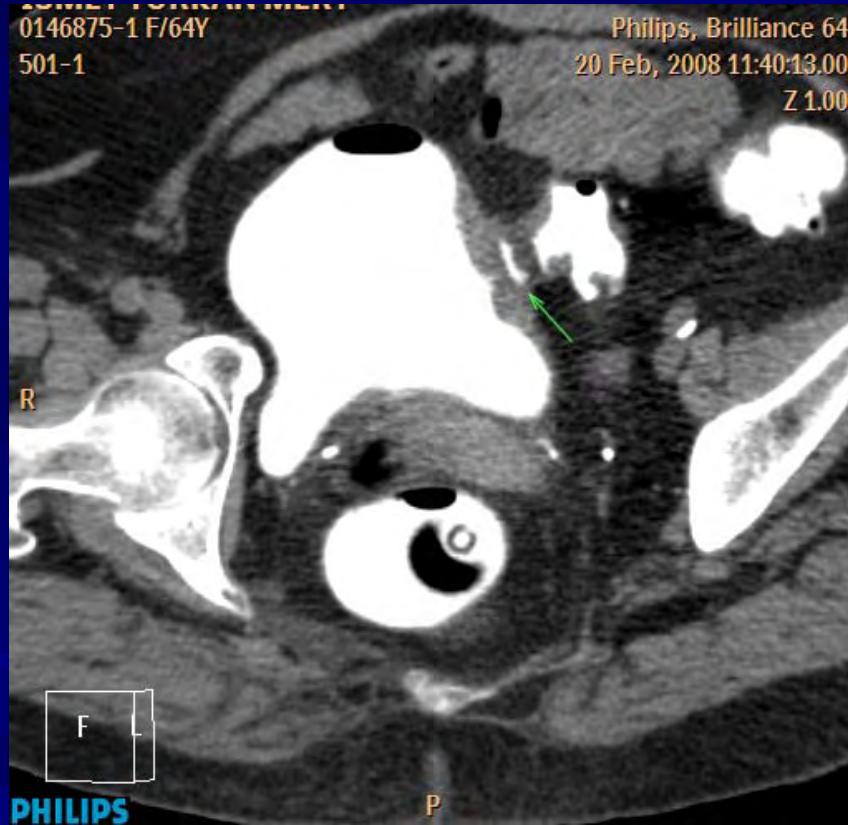
Acil Tipta Abdominal BT Deęerlendirmesi

3. Yaę infiltrasyonu (pankreatit)



Acil Tipta Abdominal BT Deęerlendirmesi

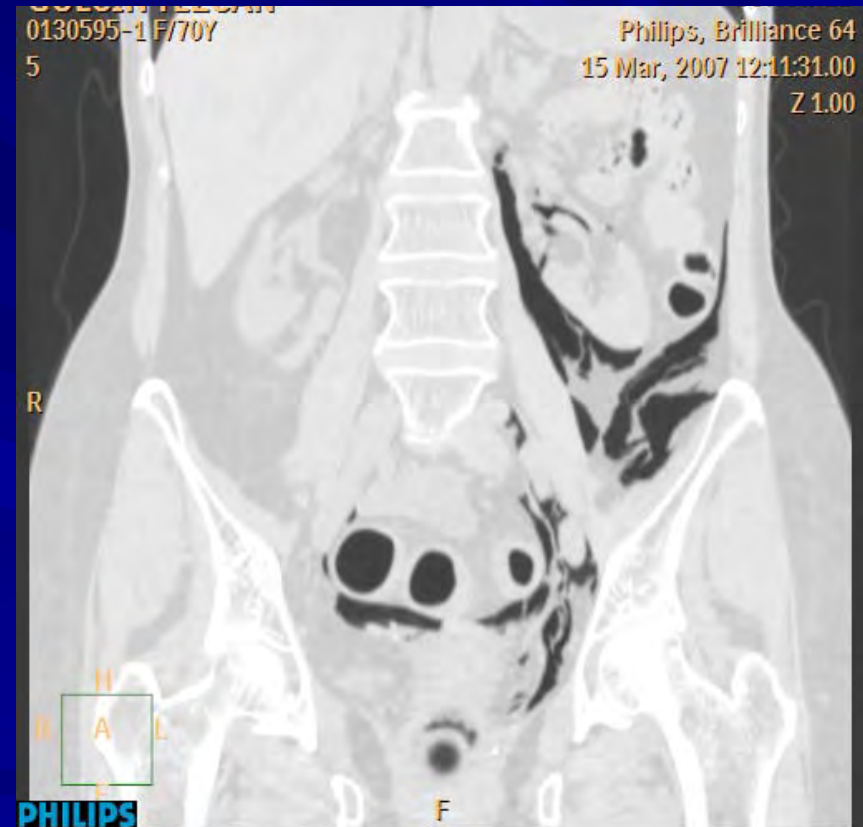
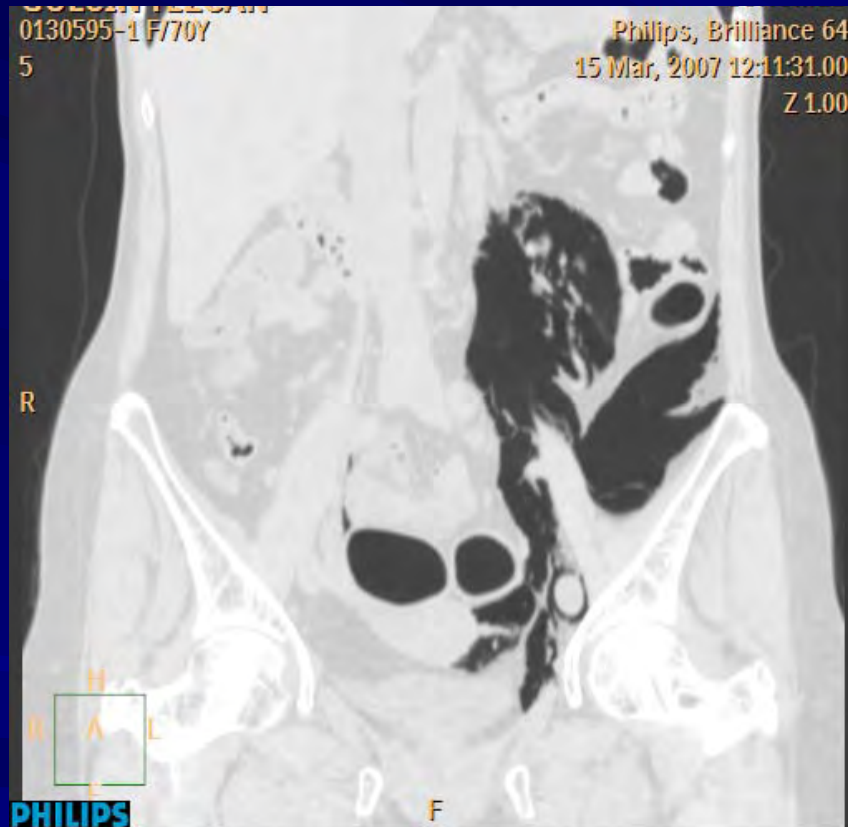
3. Yaę infiltrasyonu (fistül)



Fistül - divertikülozis

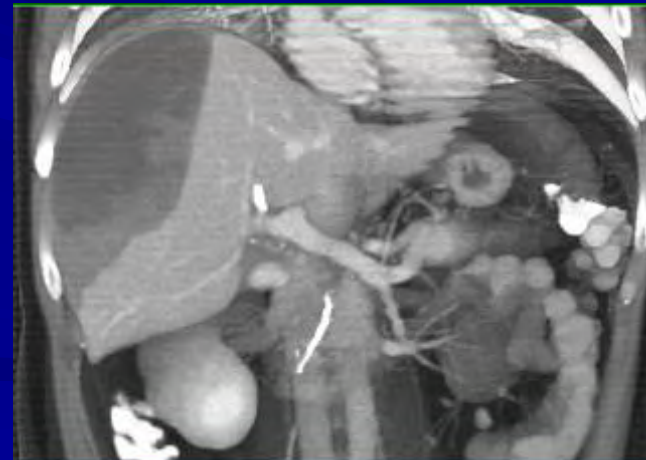
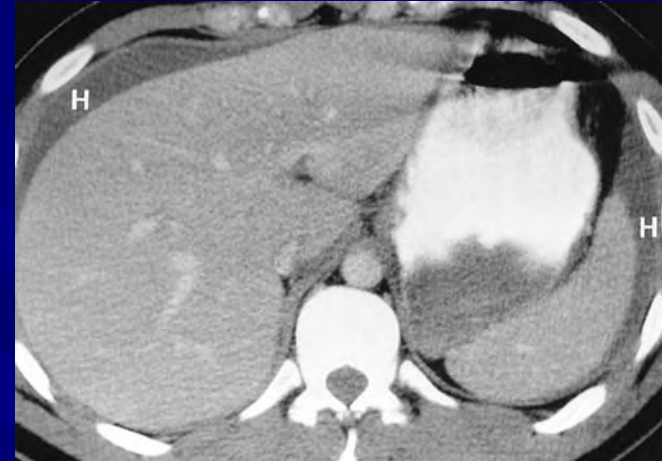
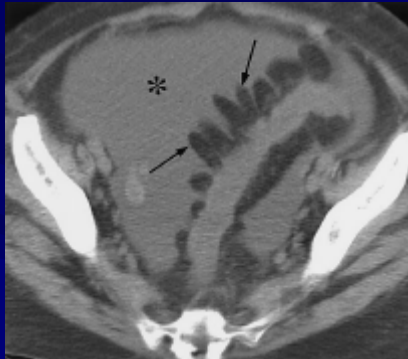
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4. Serbest hava = Perforasyon



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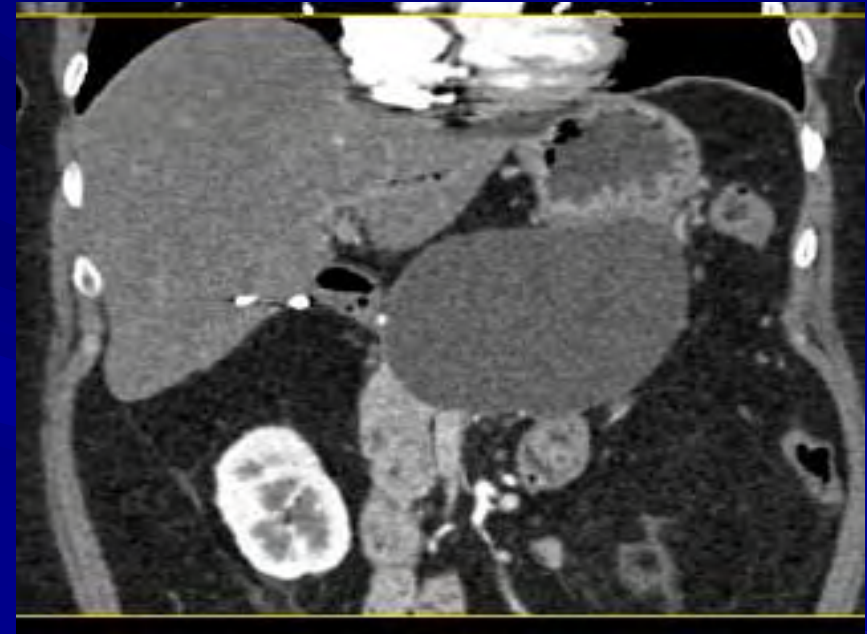
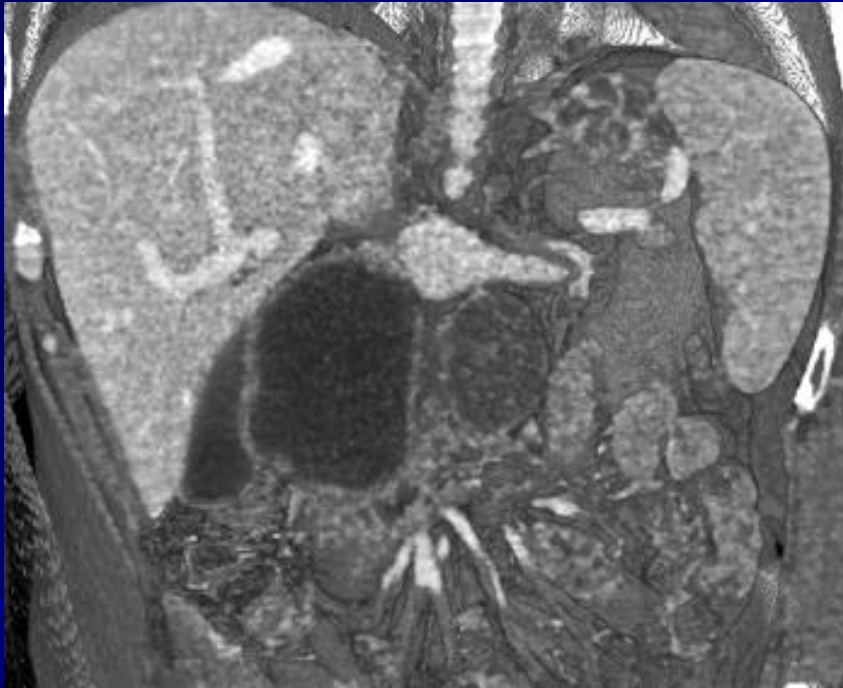
5. Serbest sıvı - hematoma



Subkapsüler hematoma

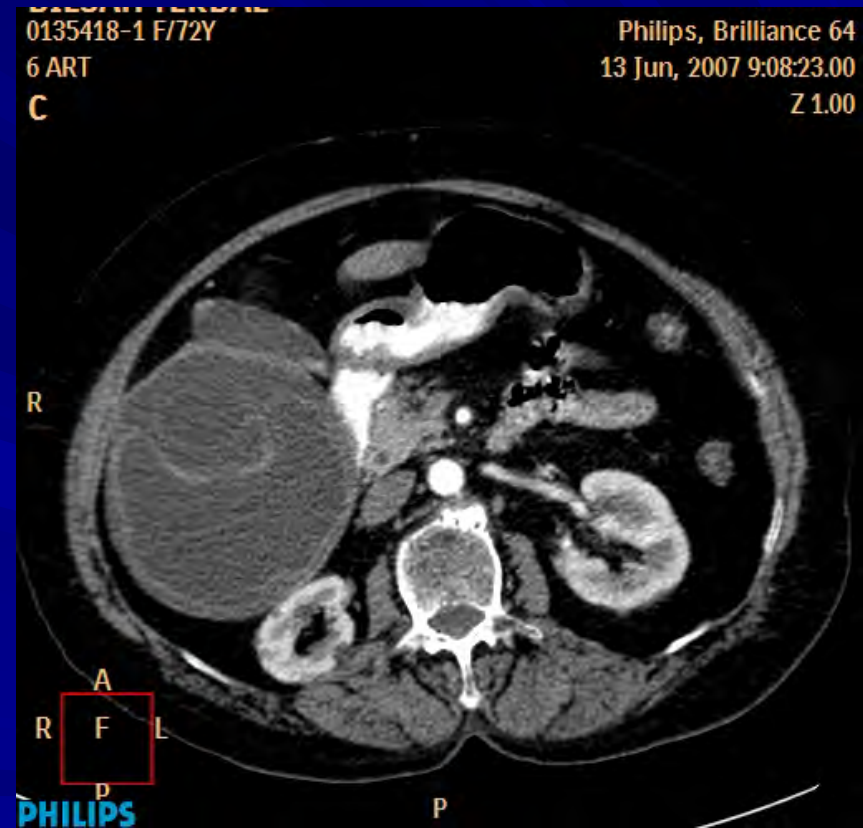
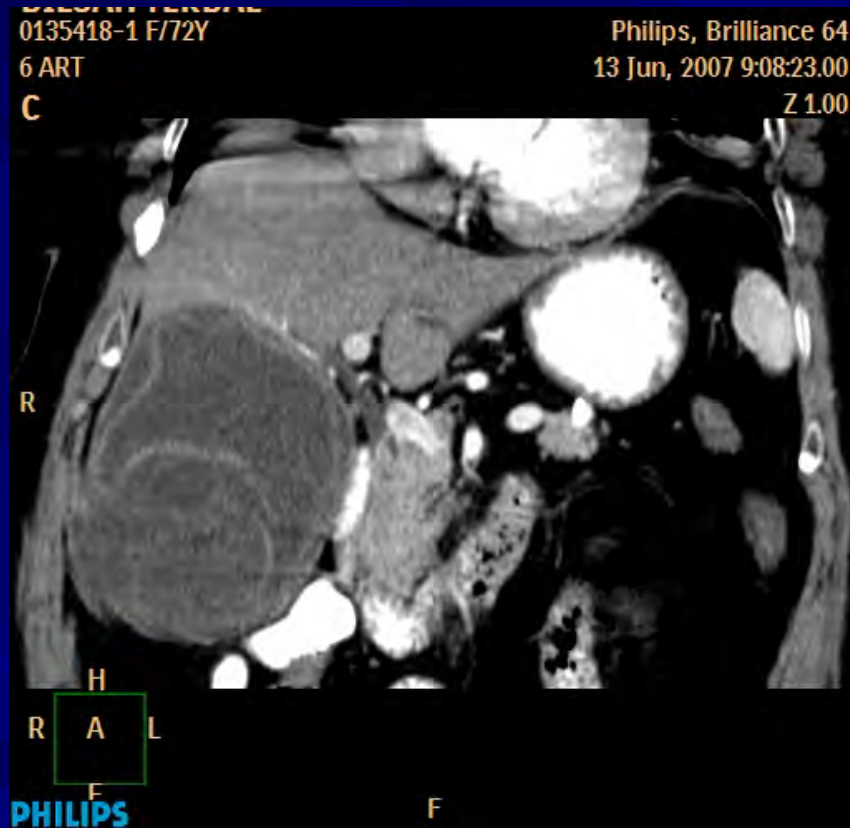
Acil Tipta Abdominal BT Deęerlendirmesi

5. Serbest sıvı – hematoma - kistler



Acil Tipta Abdominal BT Deęerlendirmesi

5. Serbest sıvı – hematoma - kistler



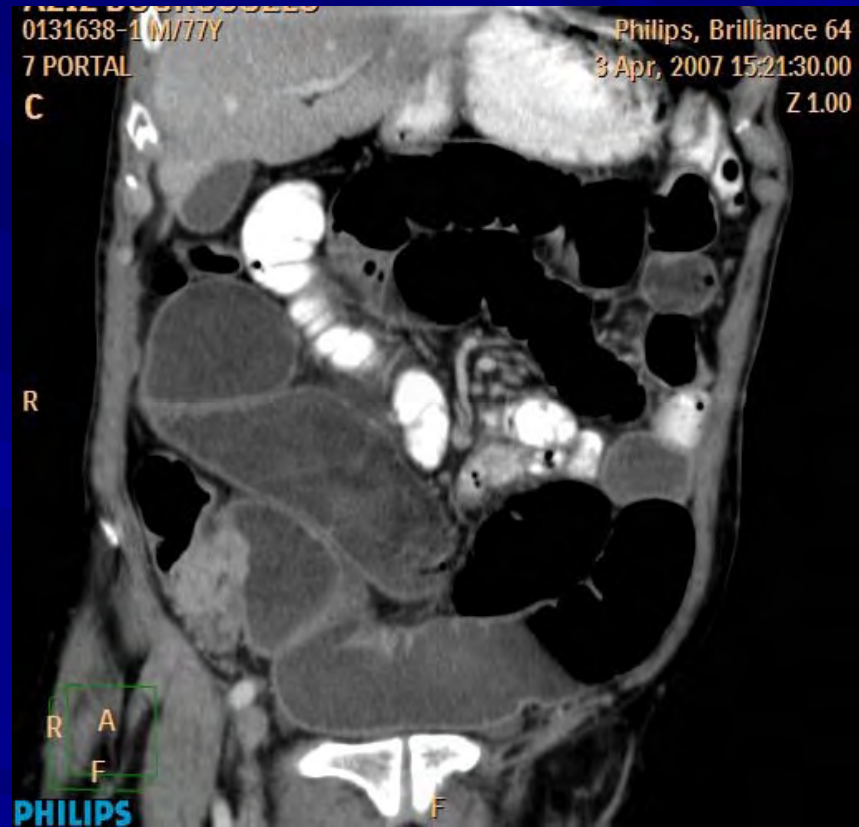
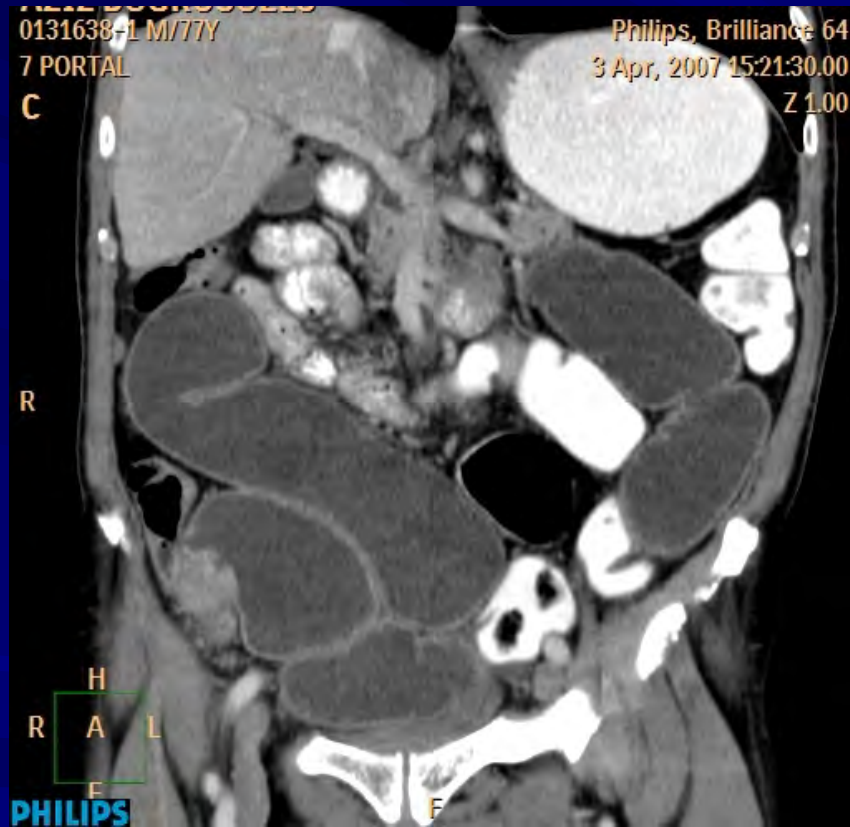
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6. Kalsifikasyon



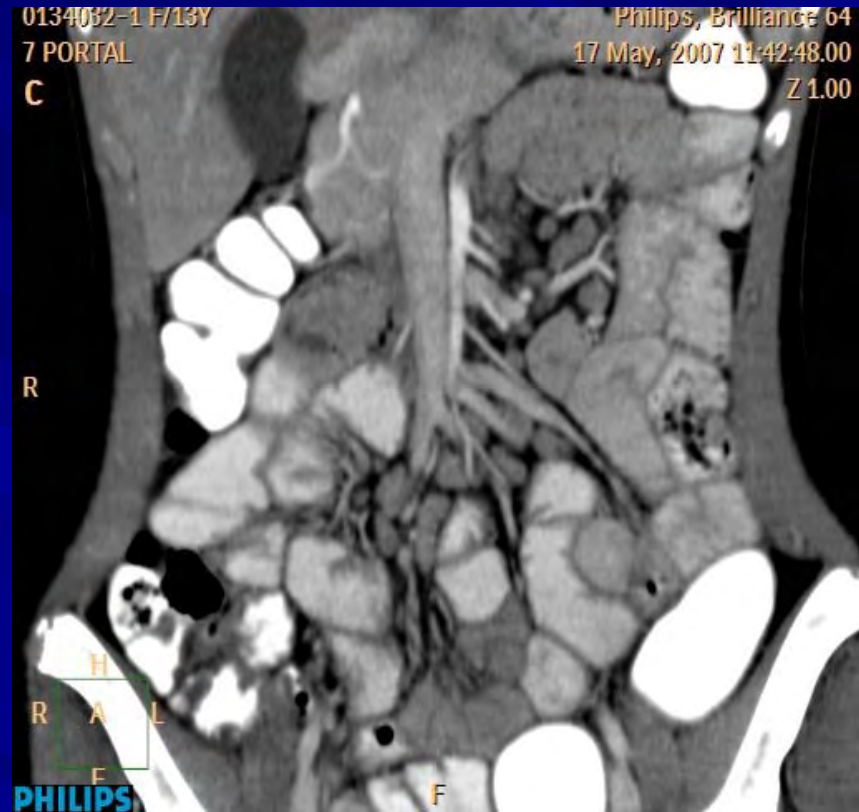
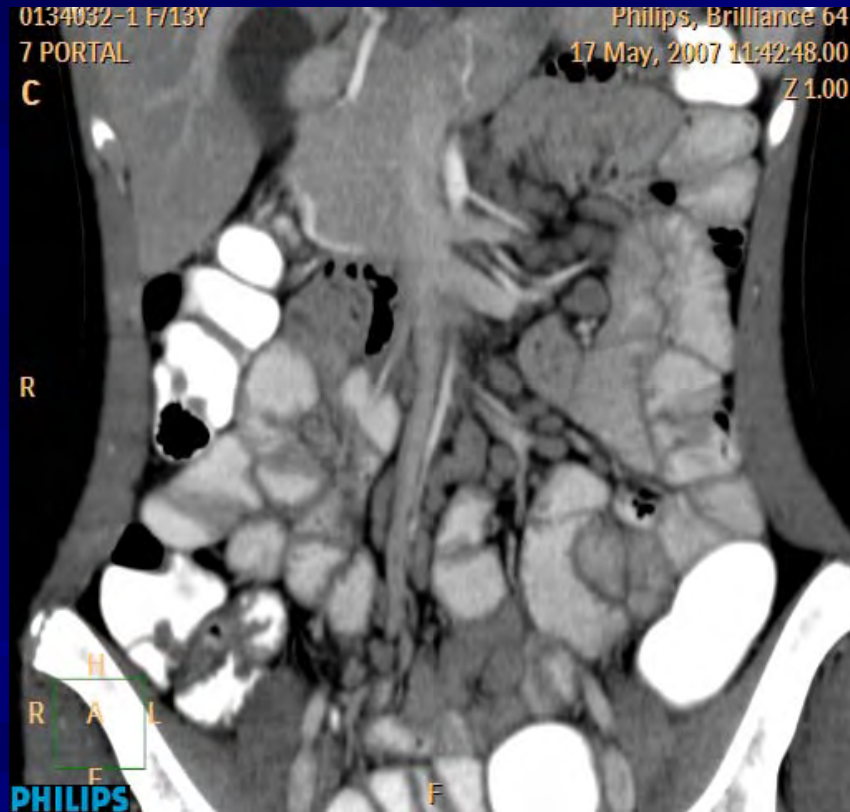
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7. İleus



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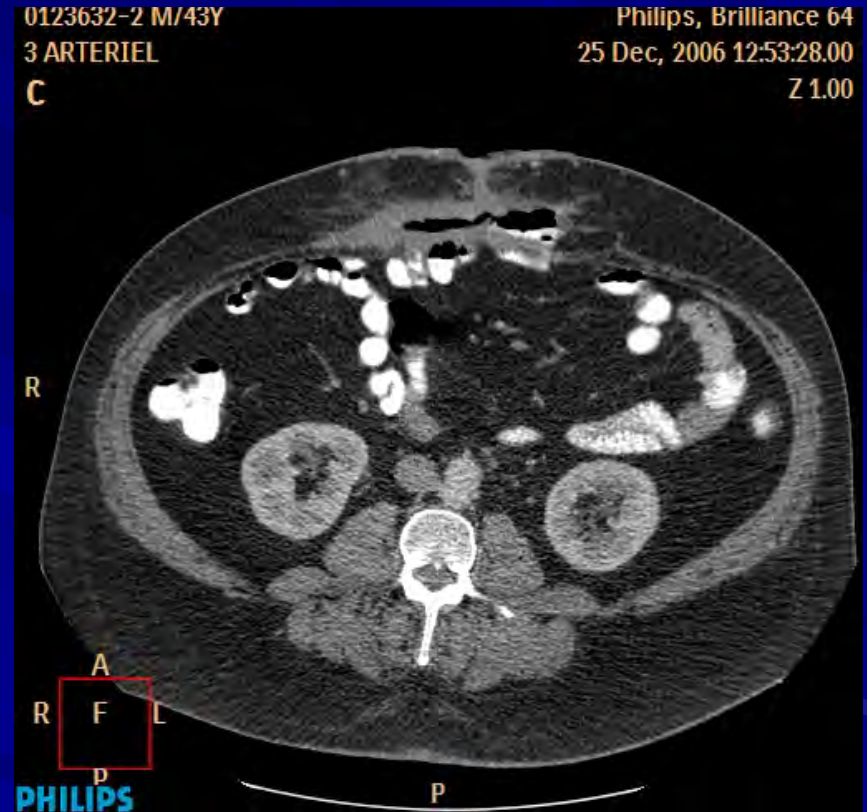
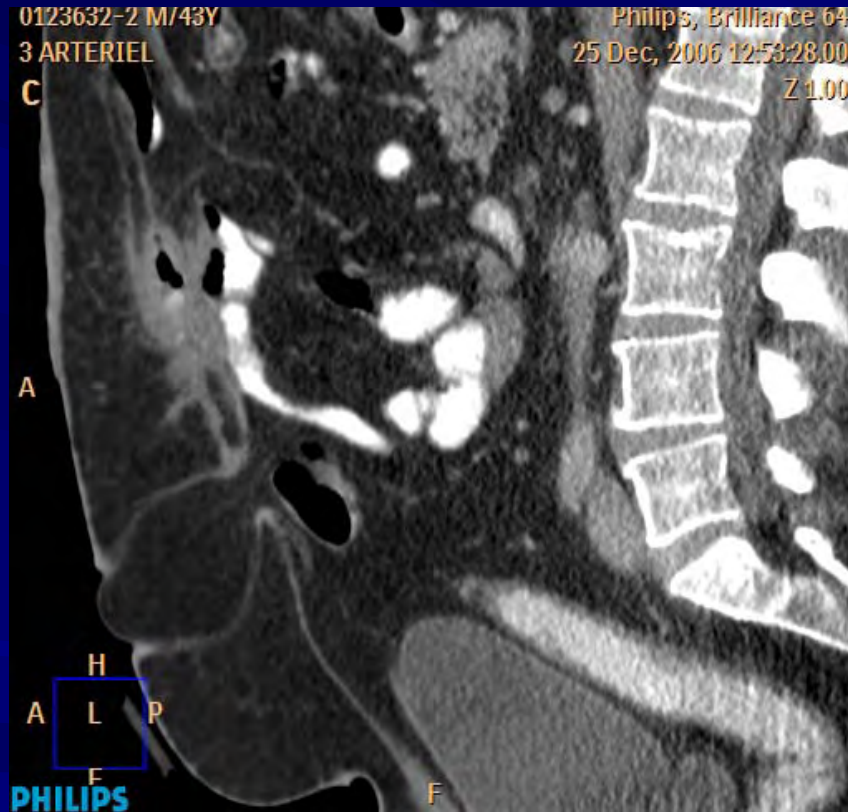
8. Lenfadenit



Mezenterik lenfadenit

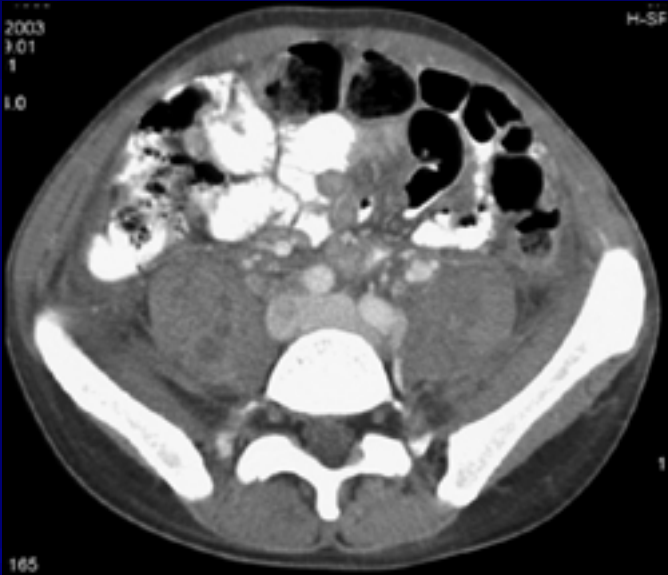
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9. Karın duvarı

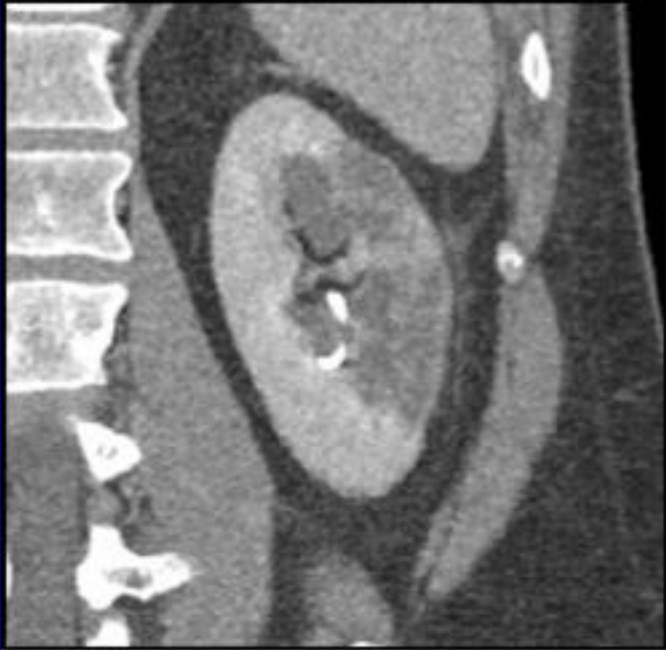


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10. Diğer



Psoas abse



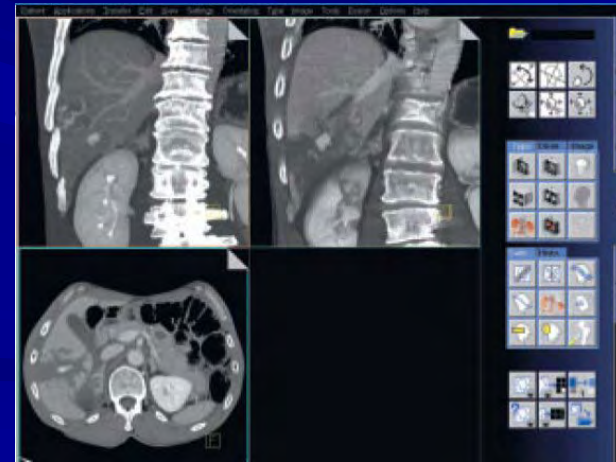
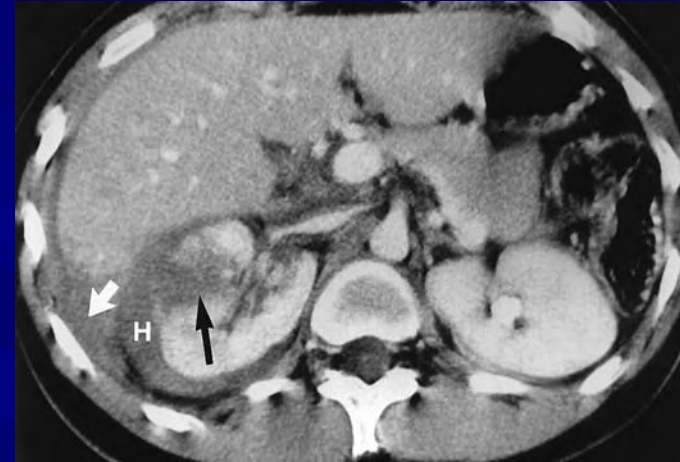
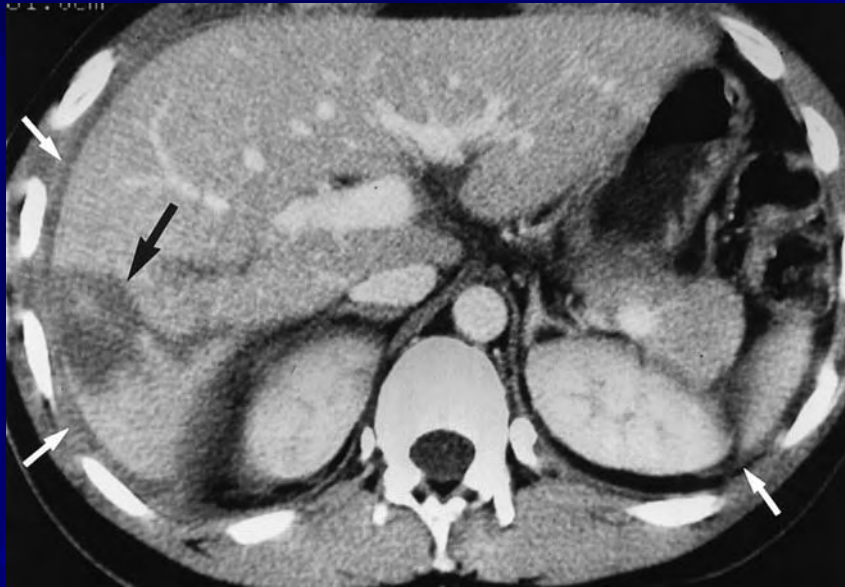
Renal infarkt

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TRAVMA CERRAHİ

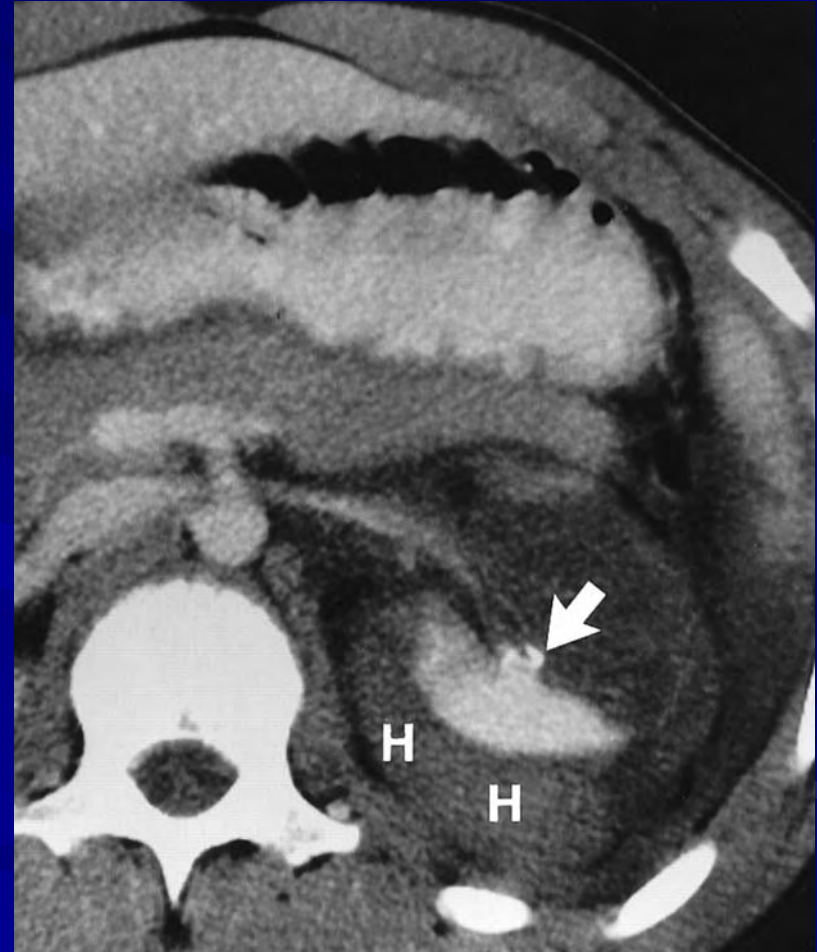
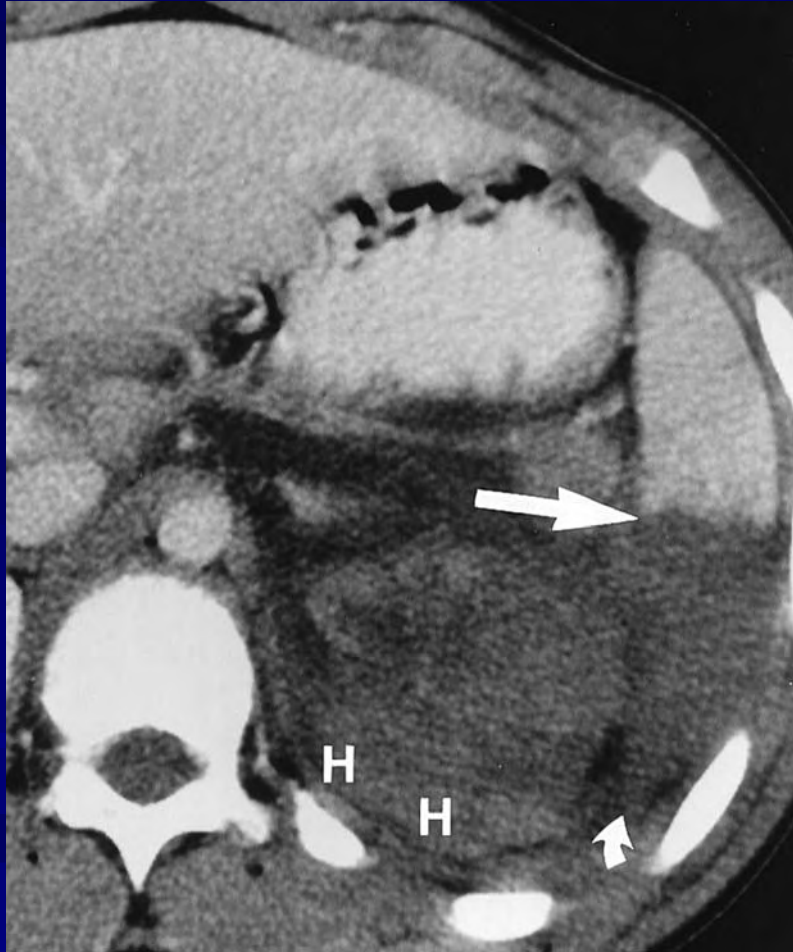
Acil Tipta Abdominal BT Deęerlendirmesi

ORGAN LASERASYONLARI - RÜPTÜRLER



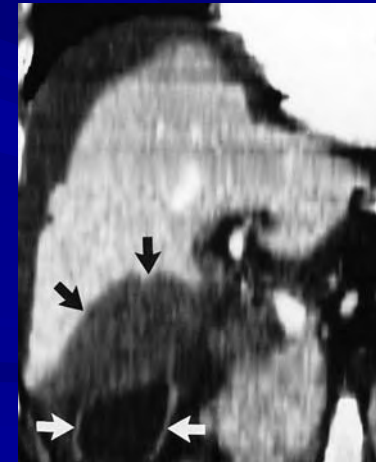
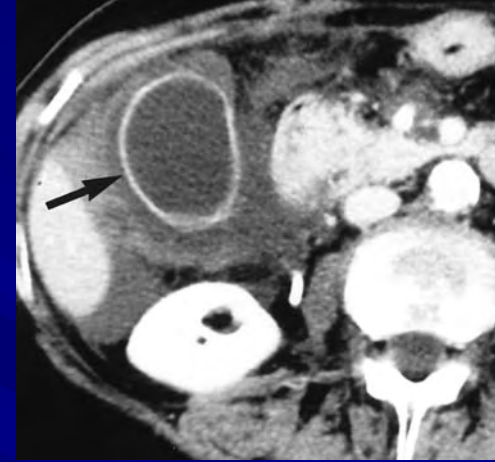
Acil Tipta Abdominal BT Deęerlendirmesi

ORGAN LASERASYONLARI - RÜPTÜRLER



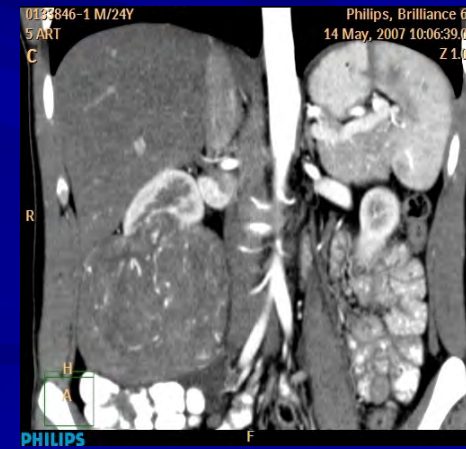
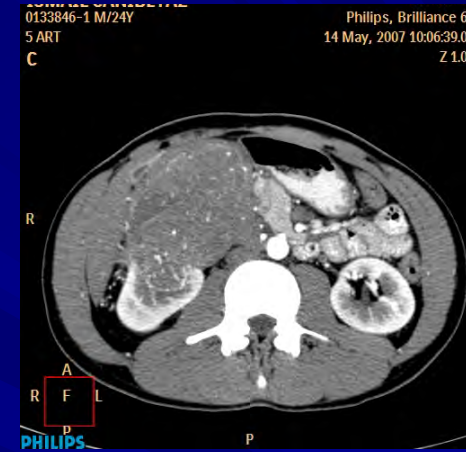
Acil Tipta Abdominal BT Deęerlendirmesi

ORGAN LASERASYONLARI - RÜPTÜRLER



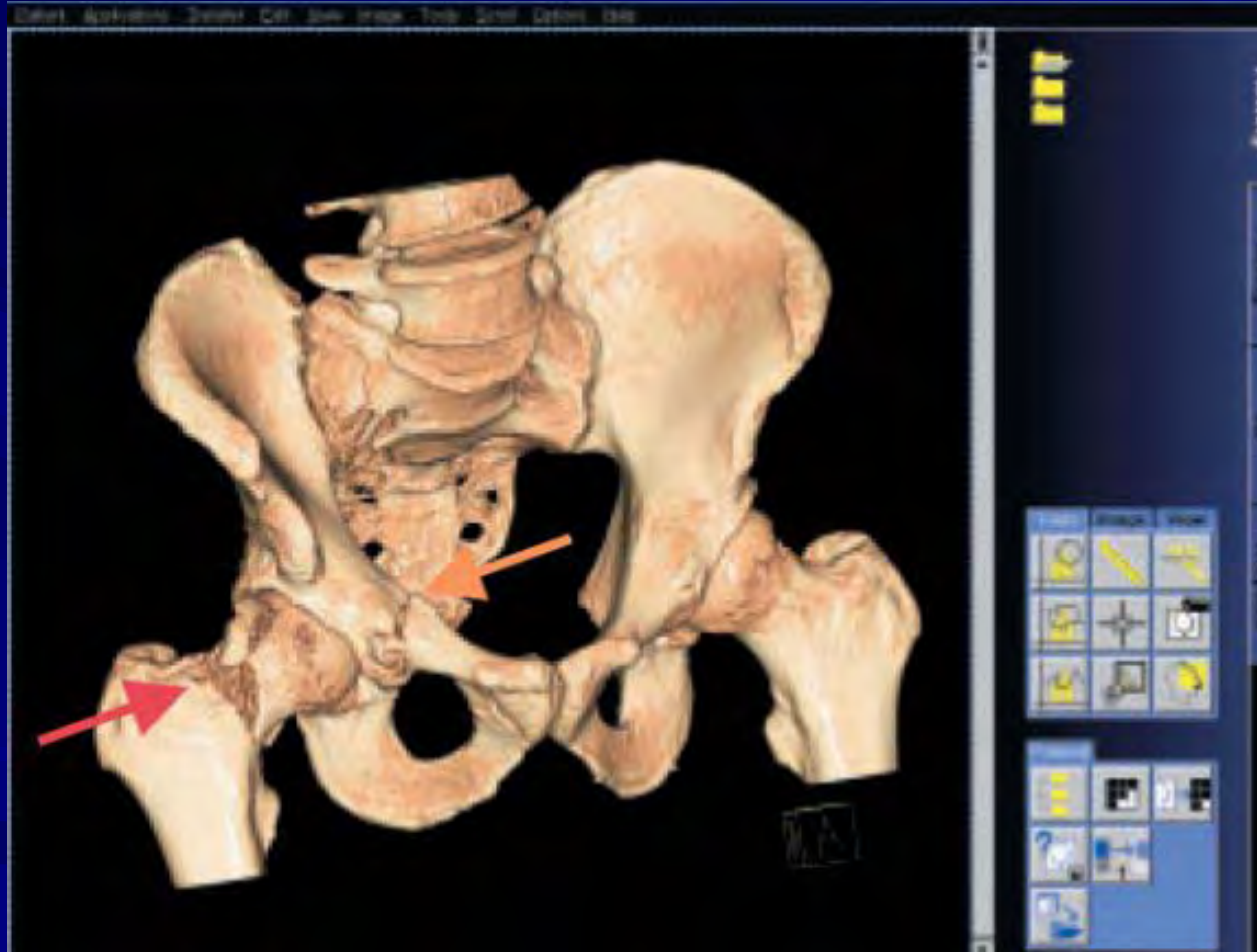
Acil Tipta Abdominal BT Değerlendirmesi

KİTLE



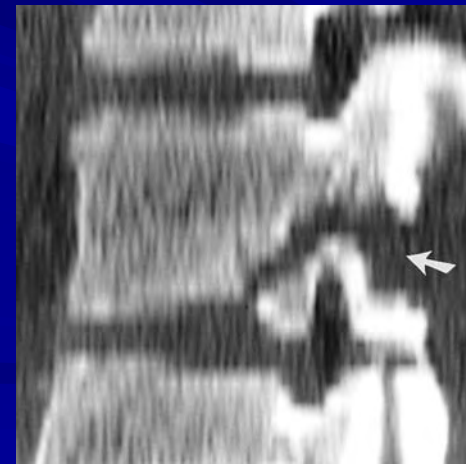
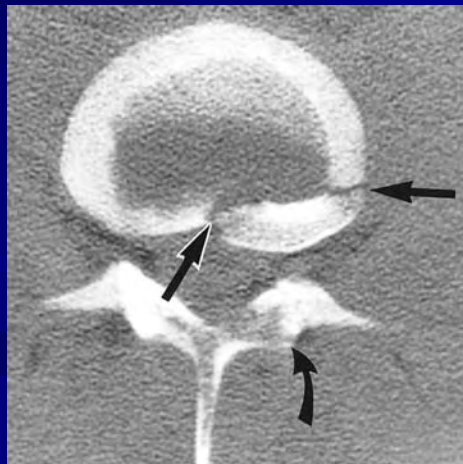
Acil Tıpta Abdominal BT Değerlendirmesi

KIRIKLAR



Acil Tipta Abdominal BT Deęerlendirmesi

KIRIKLAR

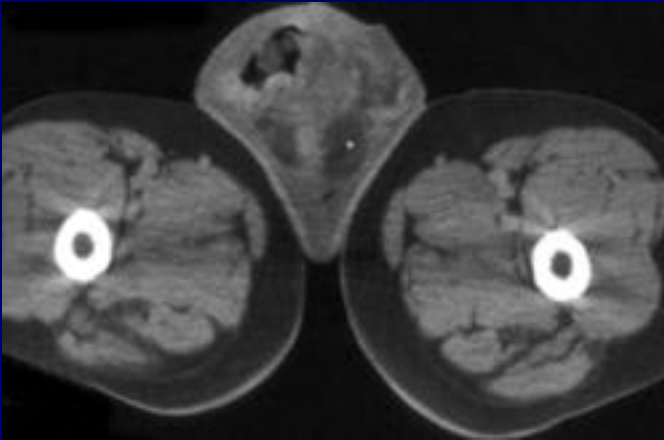


Acil Tipta Abdominal BT Değerlendirmesi

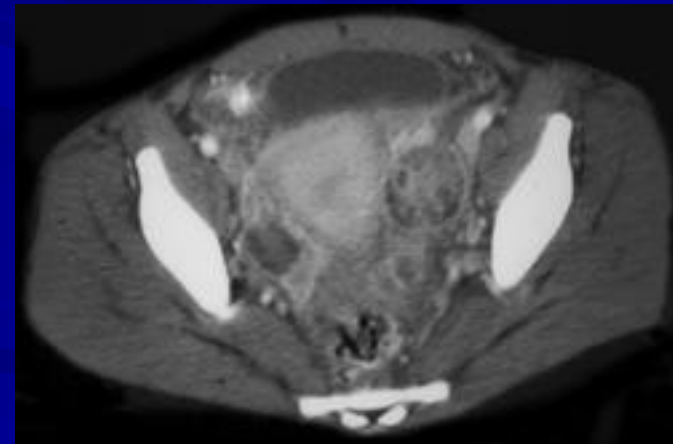
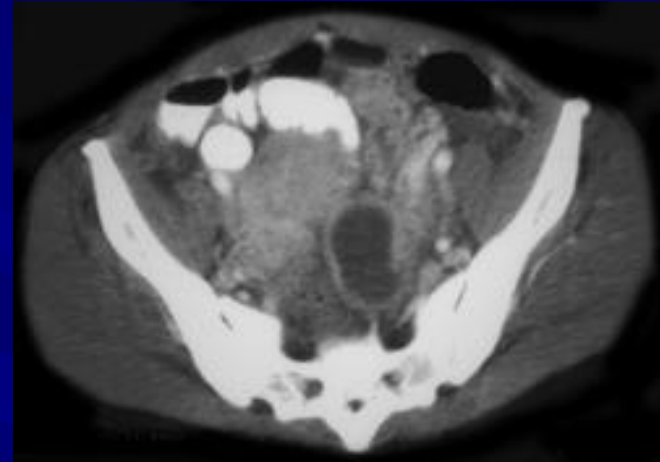
PELVİS

Acil Tipta Abdominal BT Değerlendirmesi

PELVİS



Skrotal abse



PID

Acil Tıpta Abdominal BT Değerlendirmesi

ÜRİNER SİSTEM

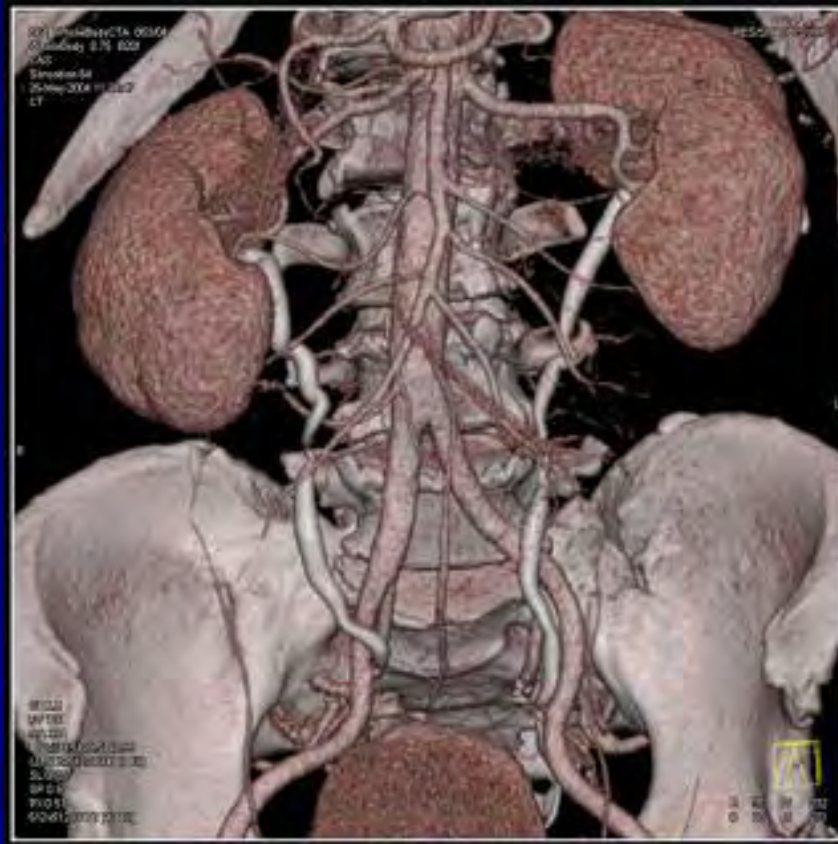
Acil Tipta Abdominal BT Deęerlendirmesi

ÜRİNER SİSTEM – CT UROGRAFI



Acil Tipta Abdominal BT Değerlendirmesi

ÜRİNER SİSTEM – CT UROGRAFI



Acil Tipta Abdominal BT Deęerlendirmesi

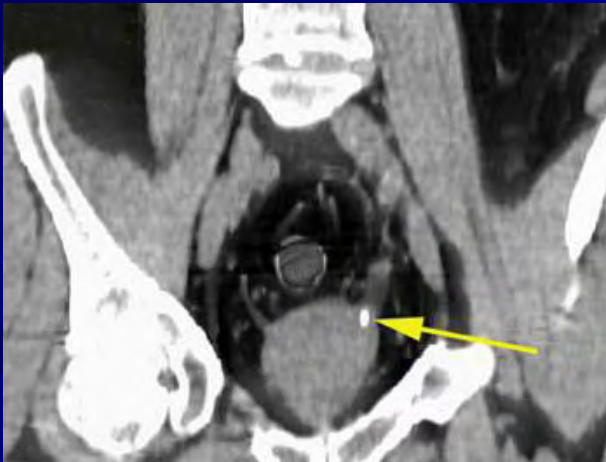
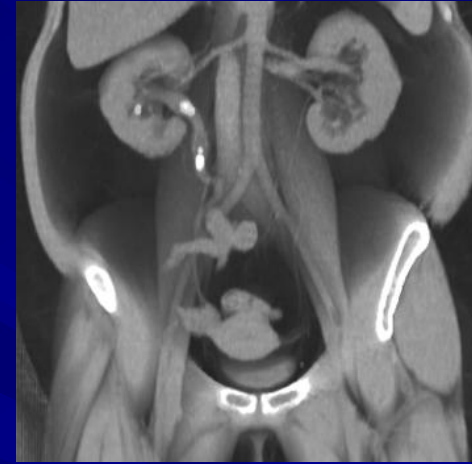
ÜRİNER SİSTEM – CT UROGRAFI



Üreter vasküler bası

Acil Tipta Abdominal BT Deęerlendirmesi

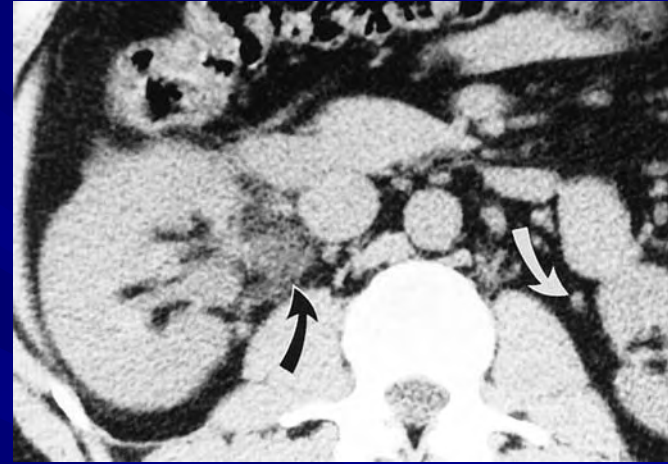
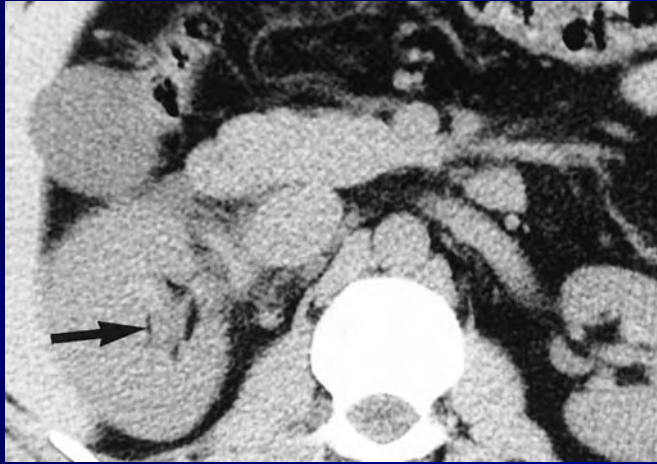
ÜRİNER SİSTEM – CT UROGRAFI



Taş- üreteral travma

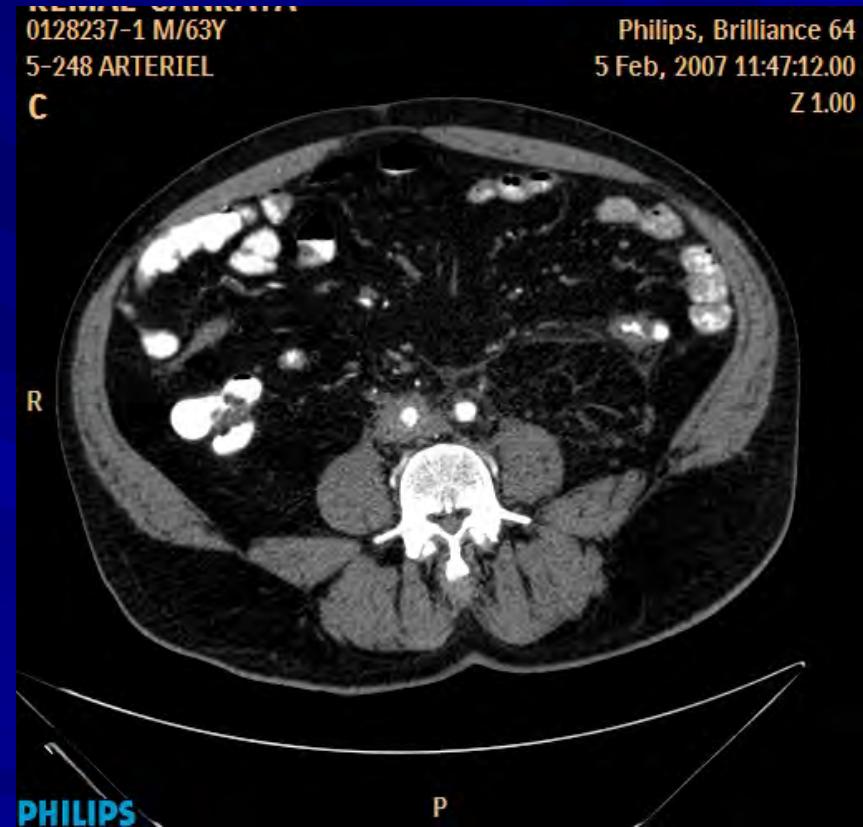
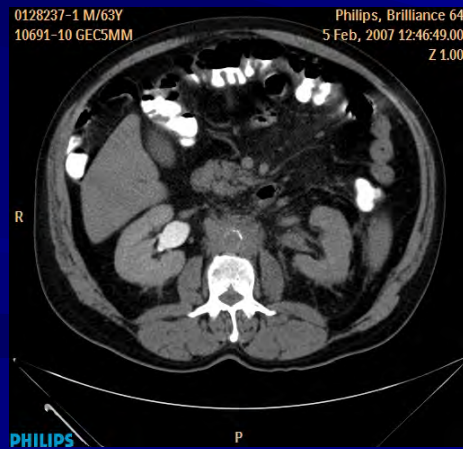
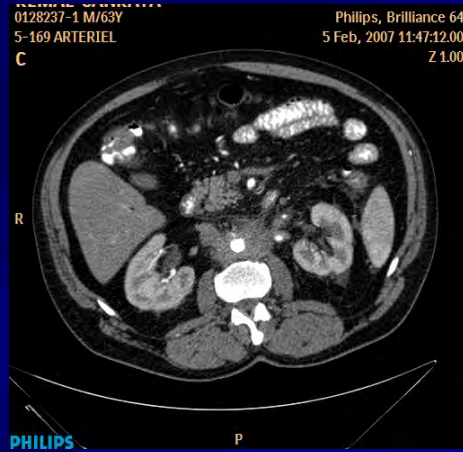
Acil Tipta Abdominal BT Deęerlendirmesi

ÜRİNER SİSTEM – CT UROGRAFI



Acil Tipta Abdominal BT Deęerlendirmesi

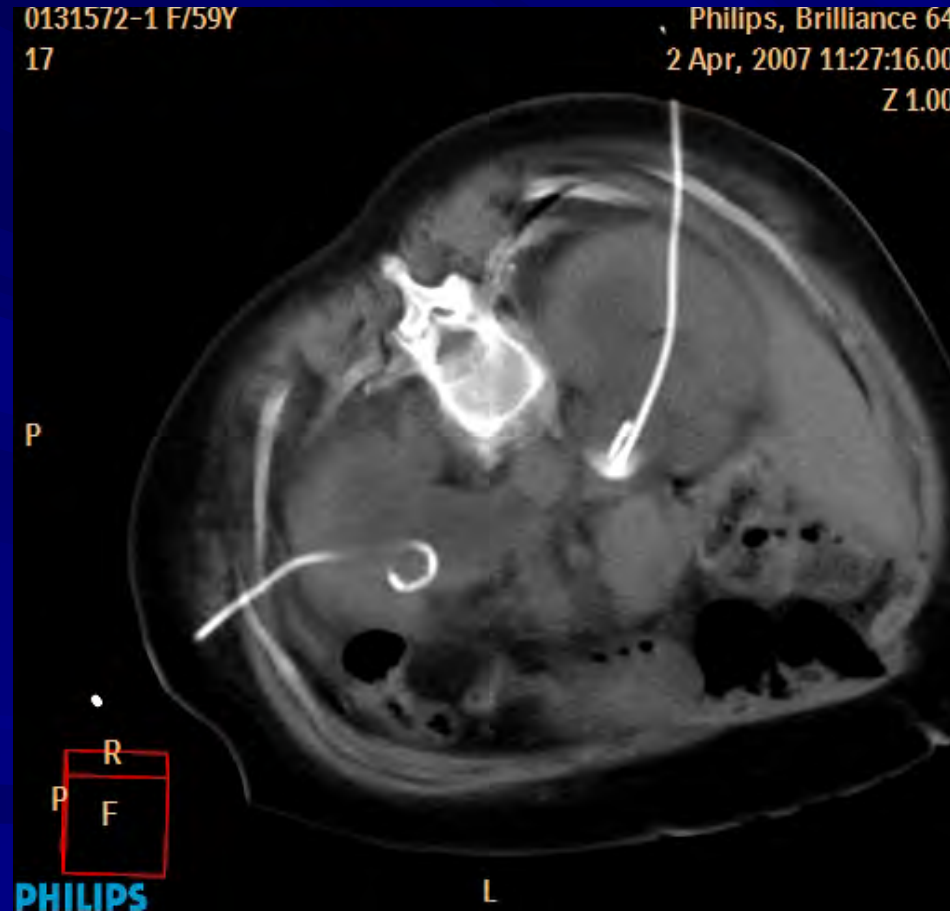
ÜRİNER SİSTEM – CT UROGRAFI



Retroperitoneal fibrosis sağ üreter tutuluşu

Acil Tipta Abdominal BT Deęerlendirmesi

ÜRİNER SİSTEM – CT UROGRAFI



nefrostomi