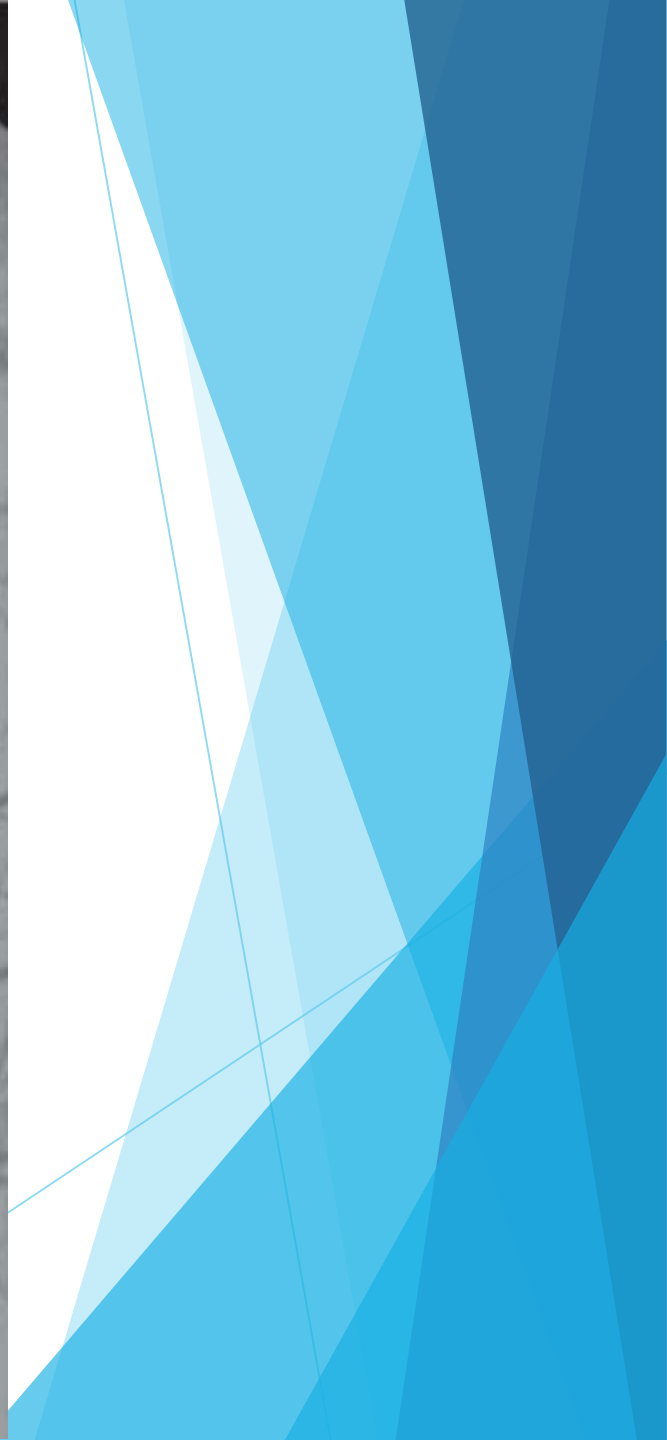
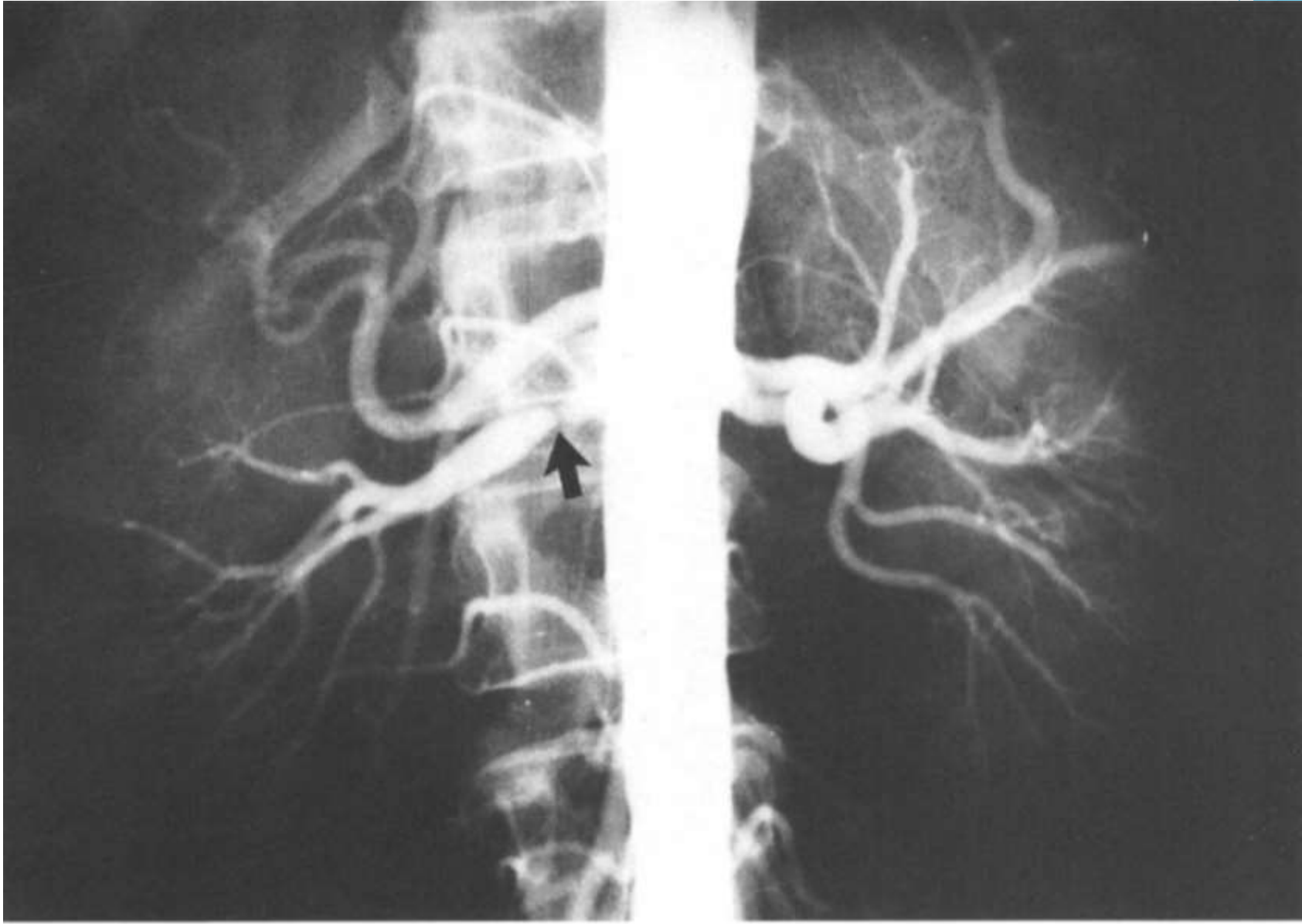


Tutorial

Done by: Touleen Qatawneh

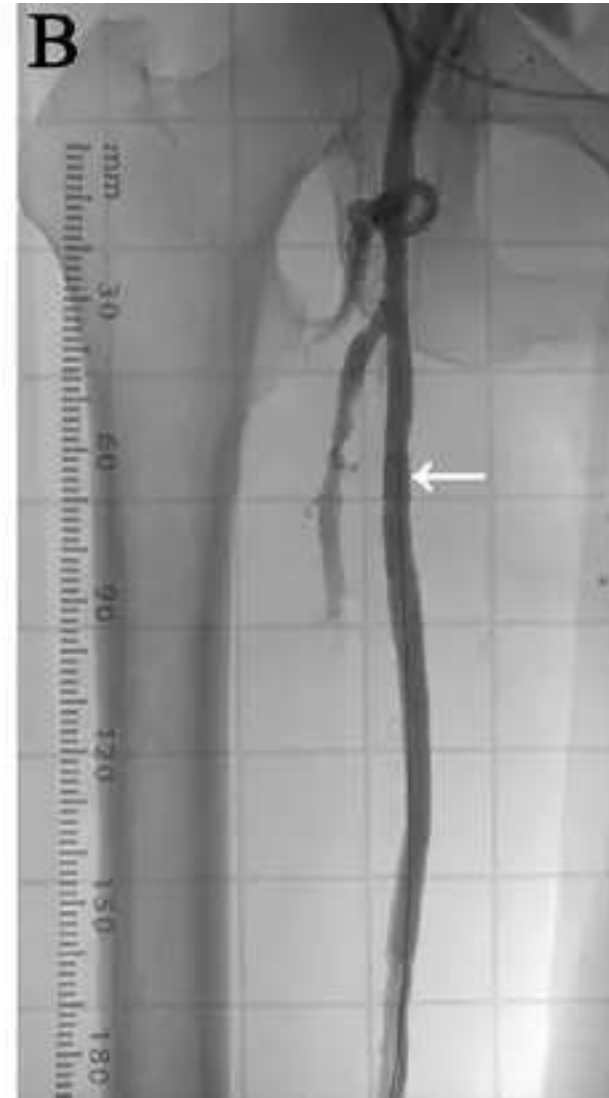
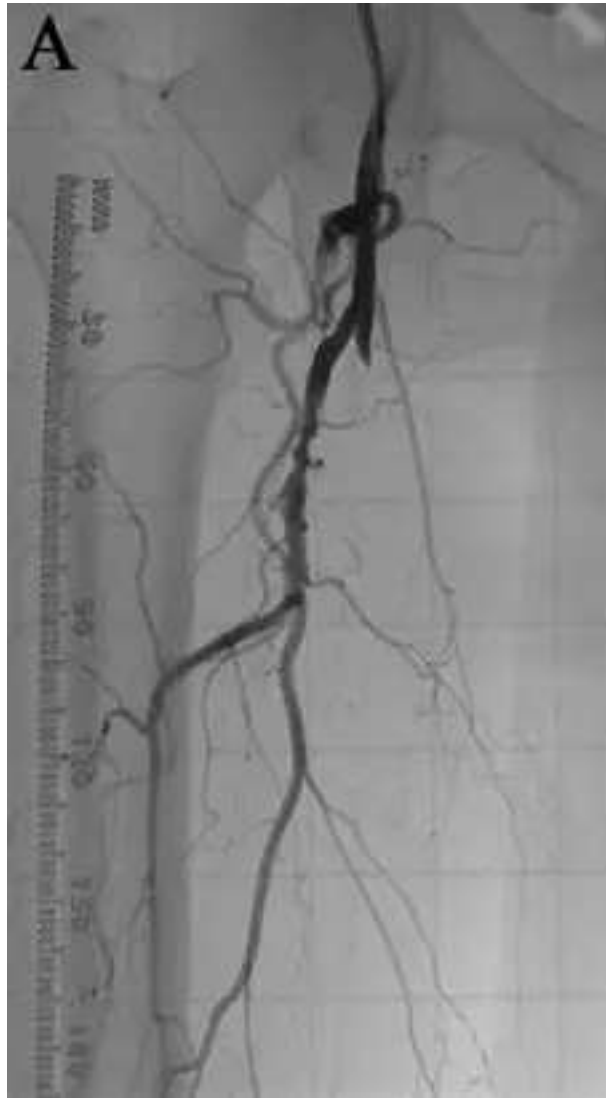


Short segment
stenosis in right
renal artery



conventional DSA showing
complete chronic occlusion
of superficial femoral
artery

- faint distal
opacification
- collaterals



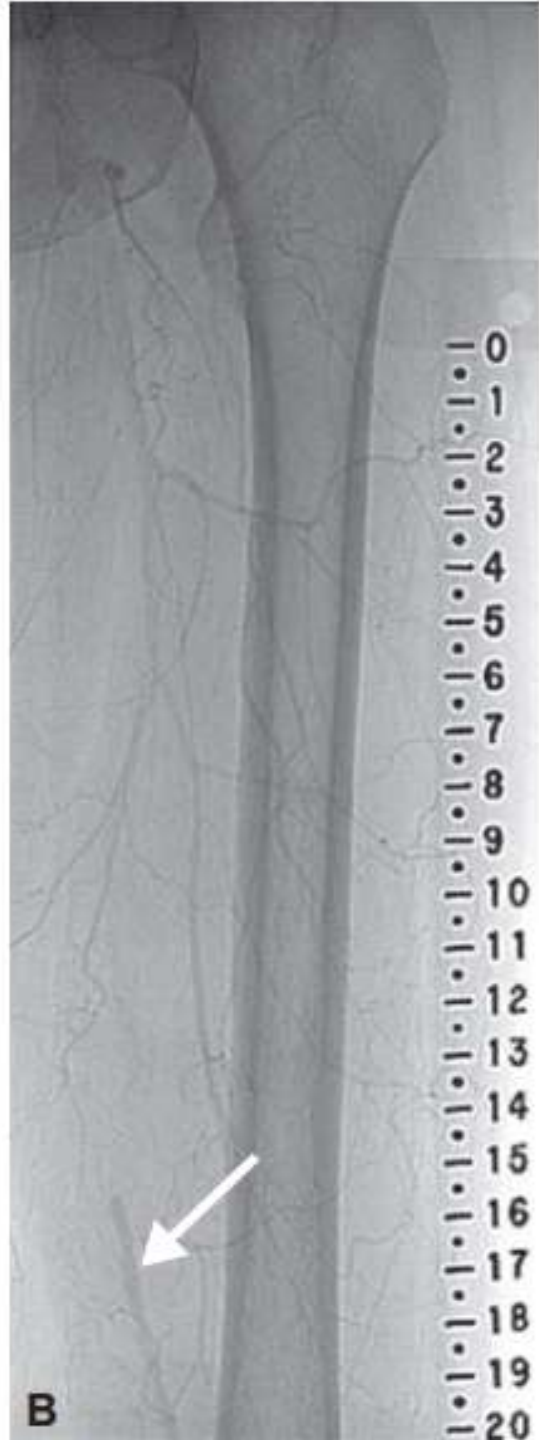
conventional DSA
showing acute complete
occlusion of superficial
popliteal artery

- Distal opacification
- sharp cut off
- filling defect



Conventional DSA showing
chronic complete occlusion
of superficial femoral
artery

With distal opacification



Conventional DSA showing
acute complete occlusion of
superficial femoral artery



DSA showing partial
occlusion of common iliac
artery



DSA showing aneurysm in
descending part of aorta

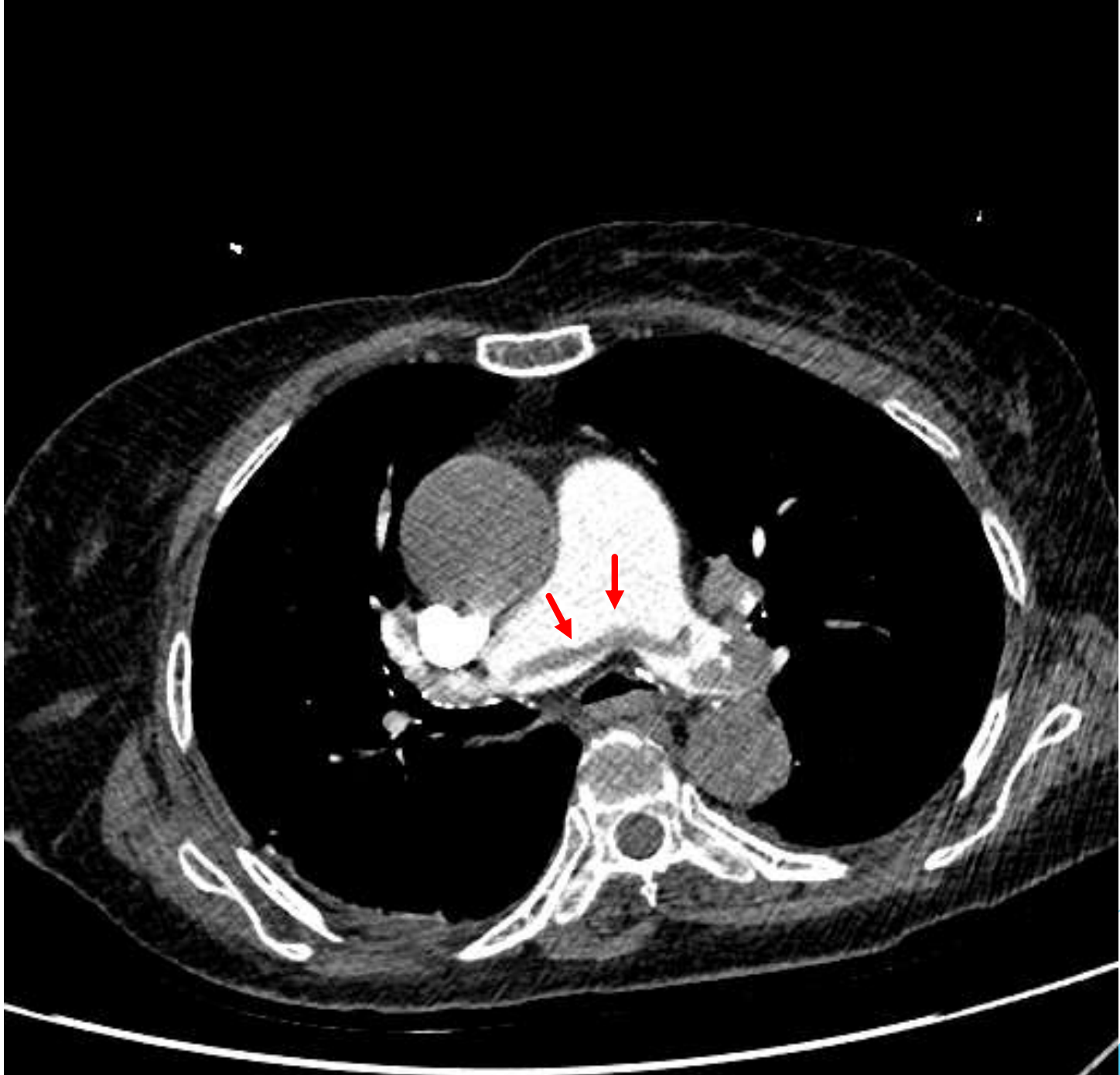


Conventional DSA showing
acute complete occlusion
in superficial popliteal
artery

→ cut off sign

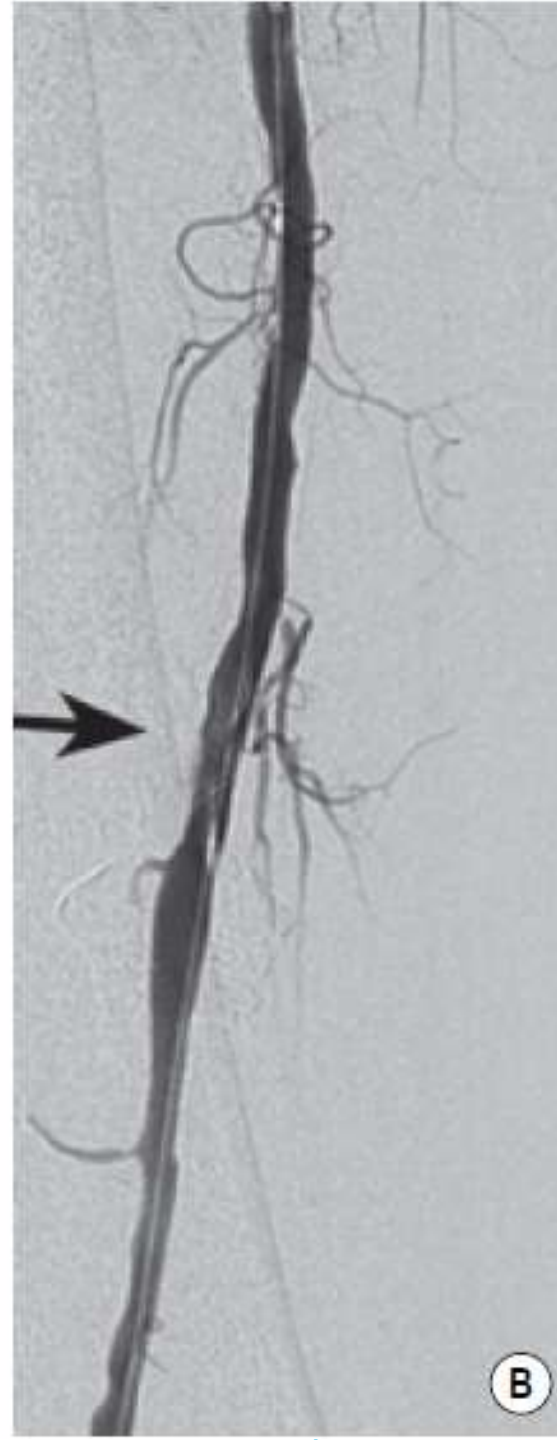
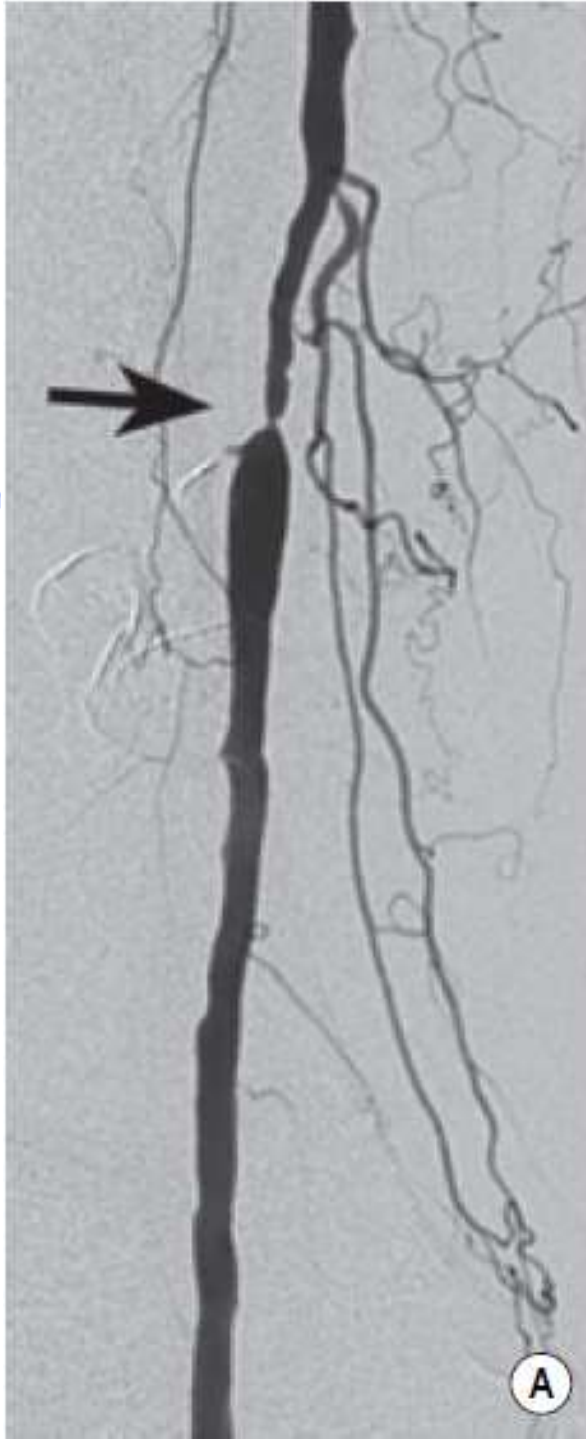


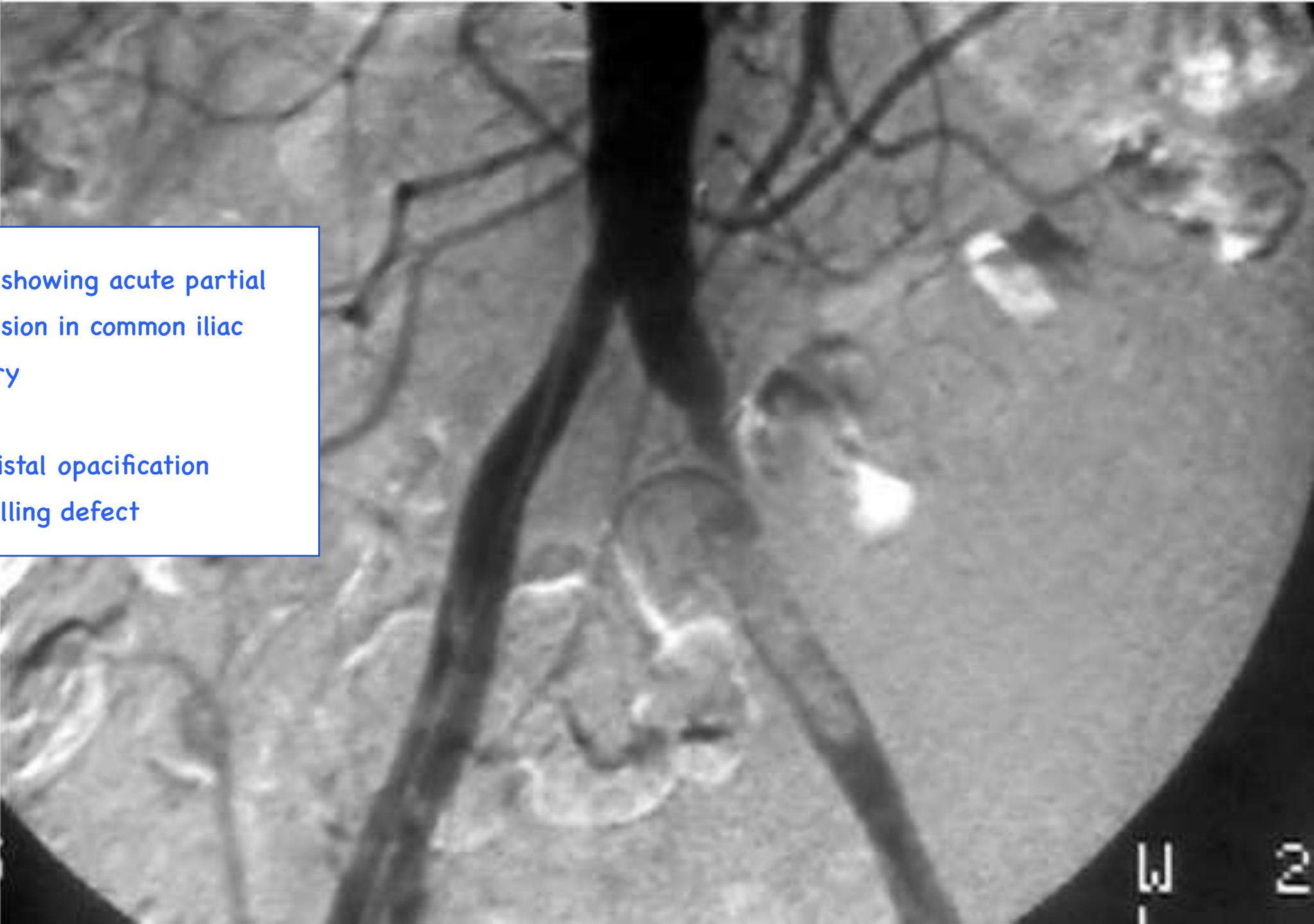
Chest CT scan with contrast showing sudden thrombus



Modality: DSA

Dx: Short segment stenosis in
superficial femoral artery





DSA showing acute partial
occlusion in common iliac
artery

→ Distal opacification

→ Filling defect

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DSA showing chronic
complete occlusion in right
common iliac artery

- faint distal
opacification
- collaterals



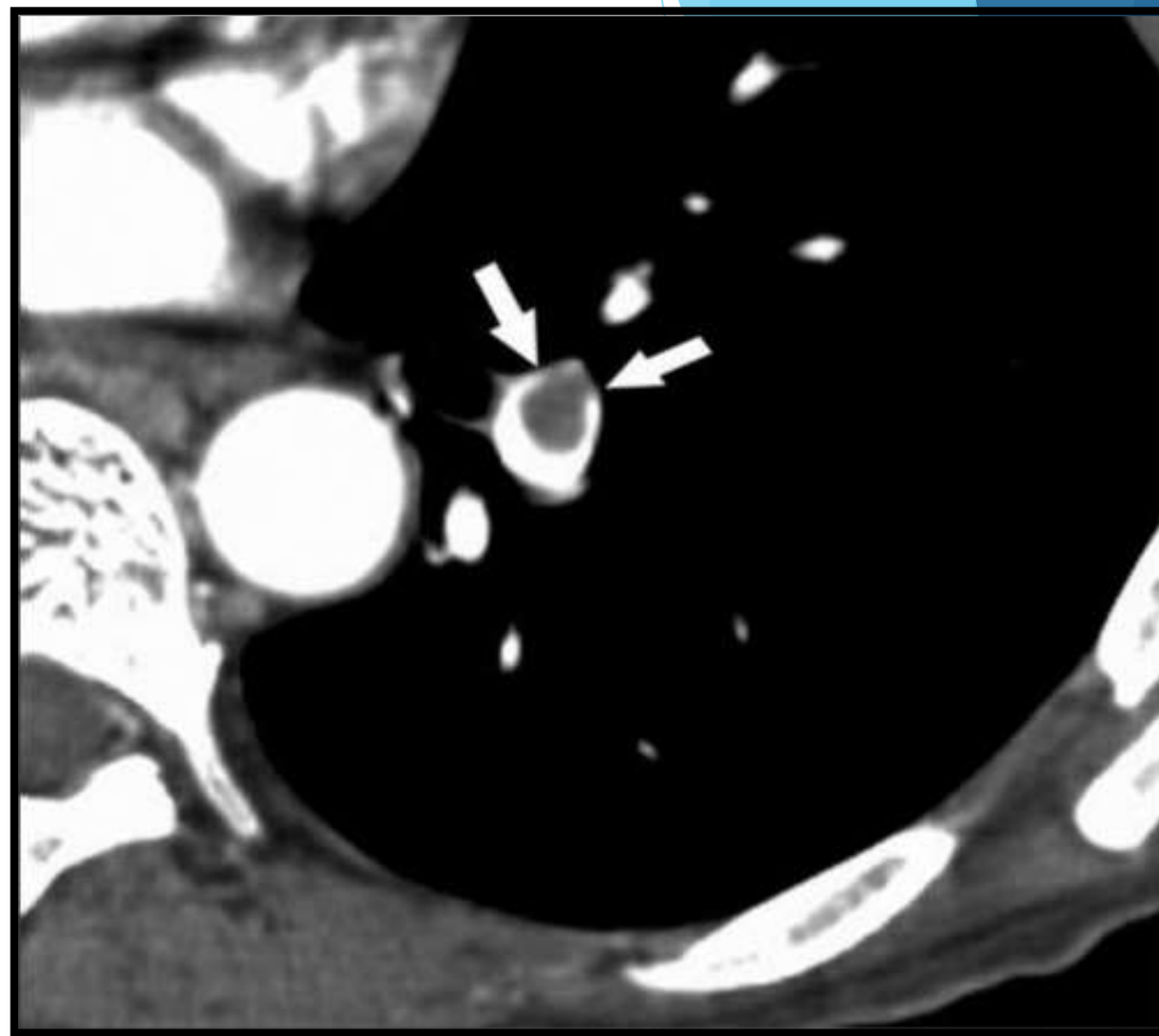
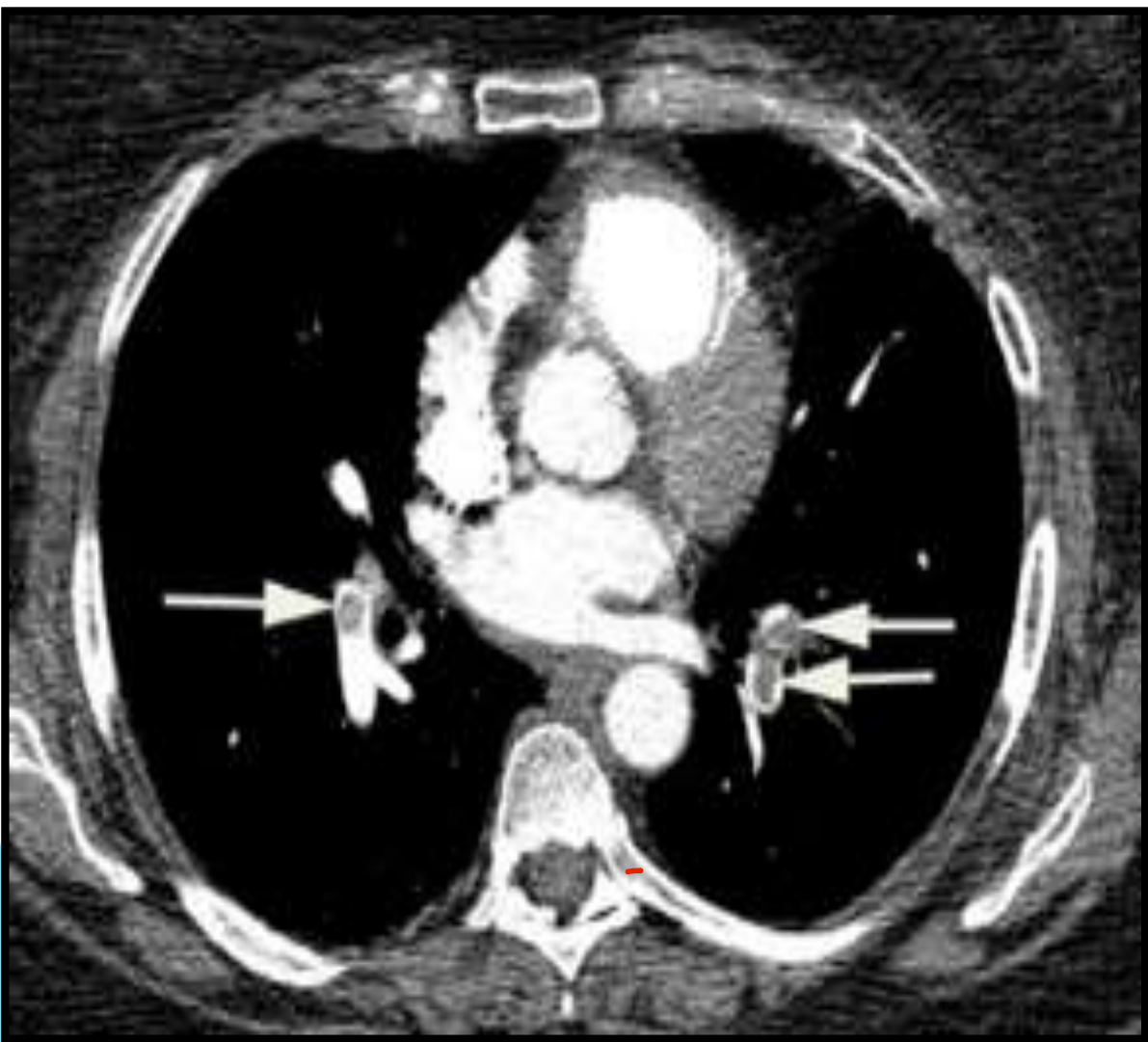
Conventional DSA
showing acute complete
bilateral occlusion in
popliteal artery

Chest CT scan
showing aneurysm
in descending
complicated with
dissection and
ruptured





Abdominal CT scan
with contrast
showing ruptured
aneurysm with
active bleeding



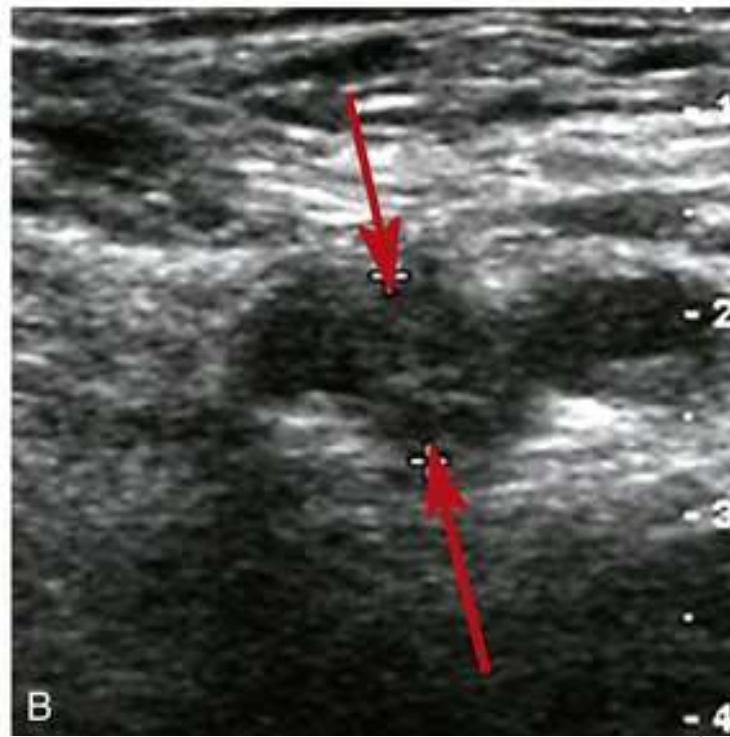
Axial chest CT scan with contrast showing pulmonary embolism
→ Filling defect

Modality: Ultrasound

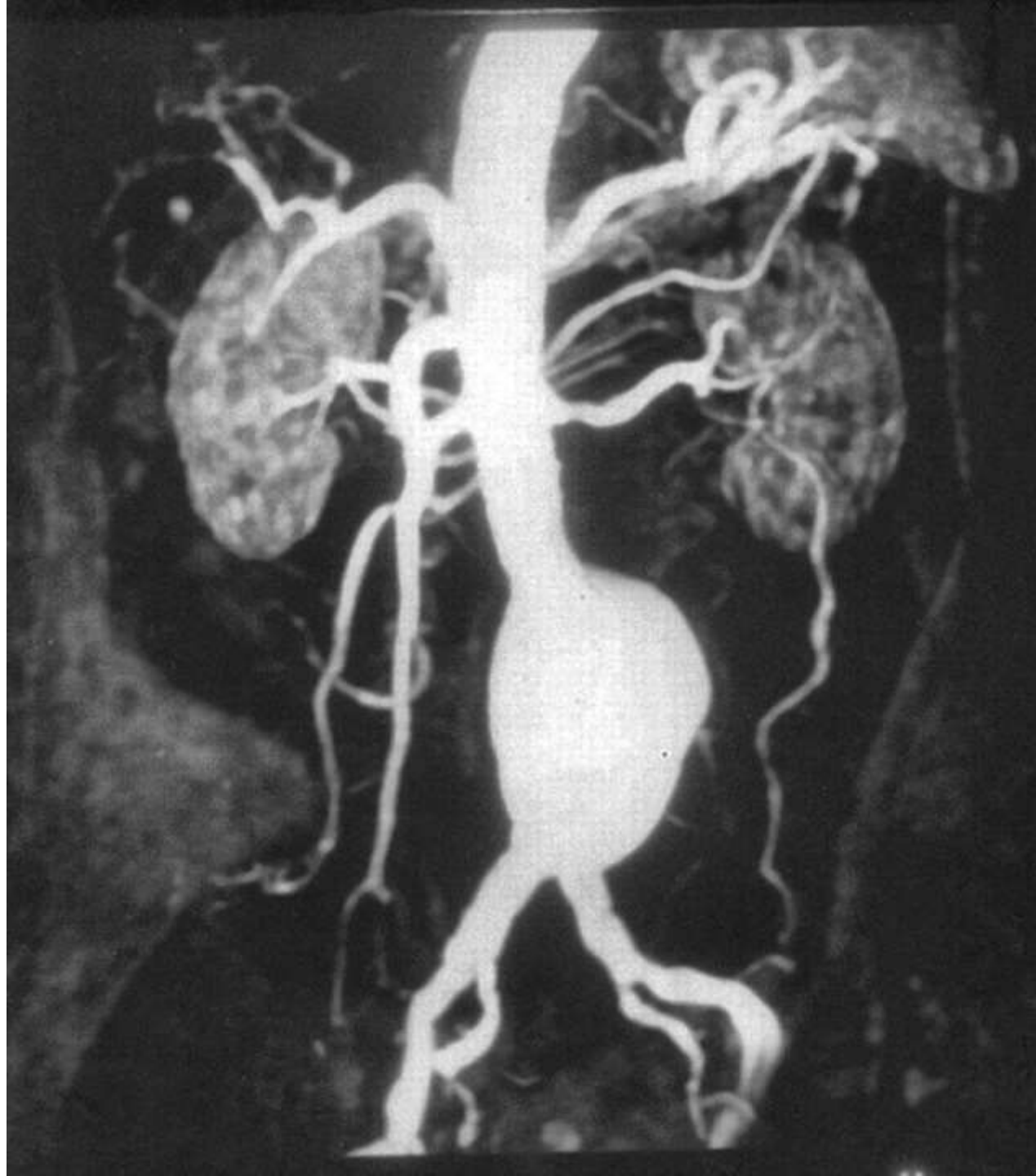
Signs:

- 1- non compressible
- 2- echogenic thrombus
- 3- non pulsating and there is no blood flow
- 4- dilated vein

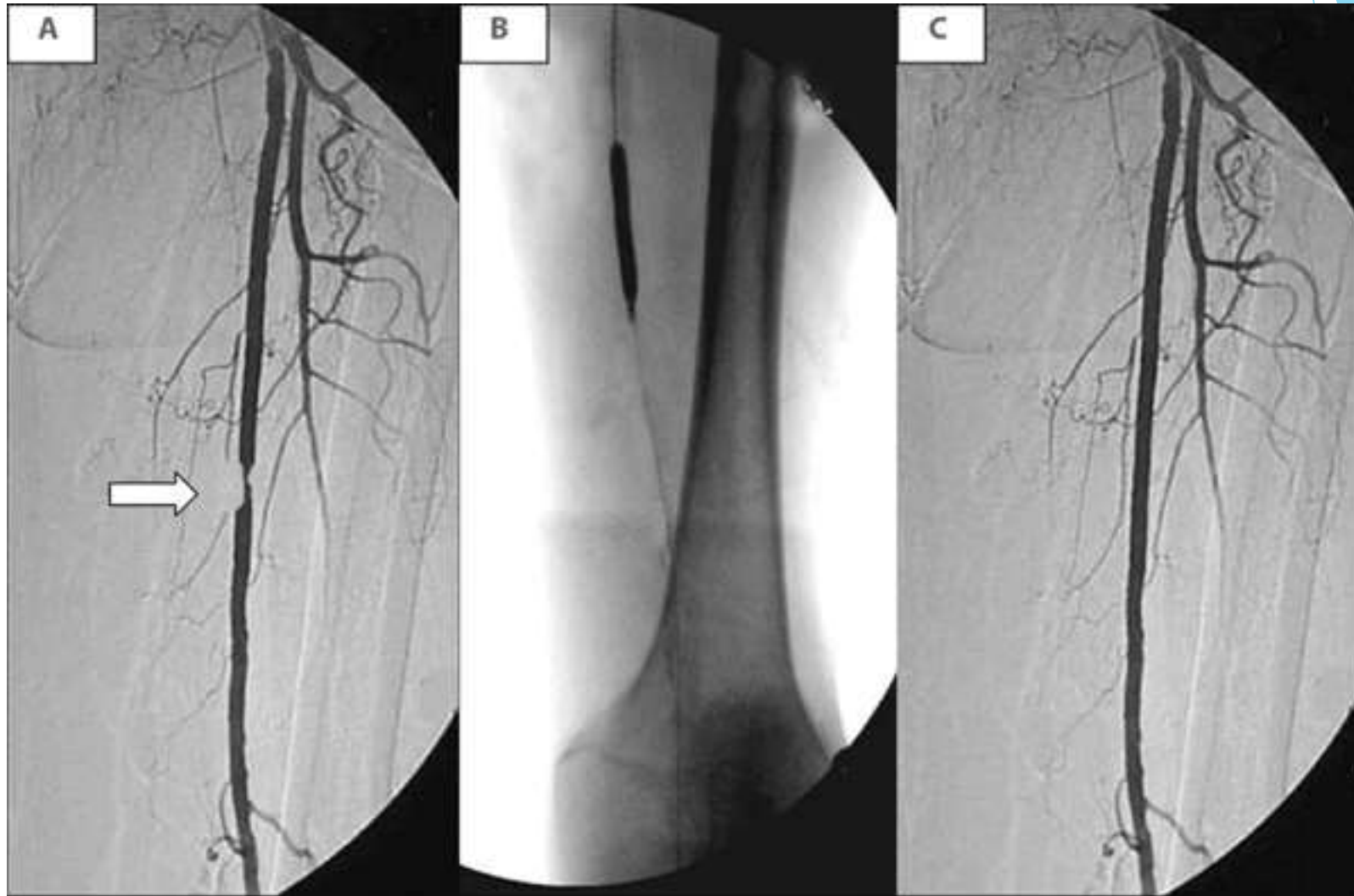
Dx: DVT



MR Angiography showing
aneurysm in abdominal aorta



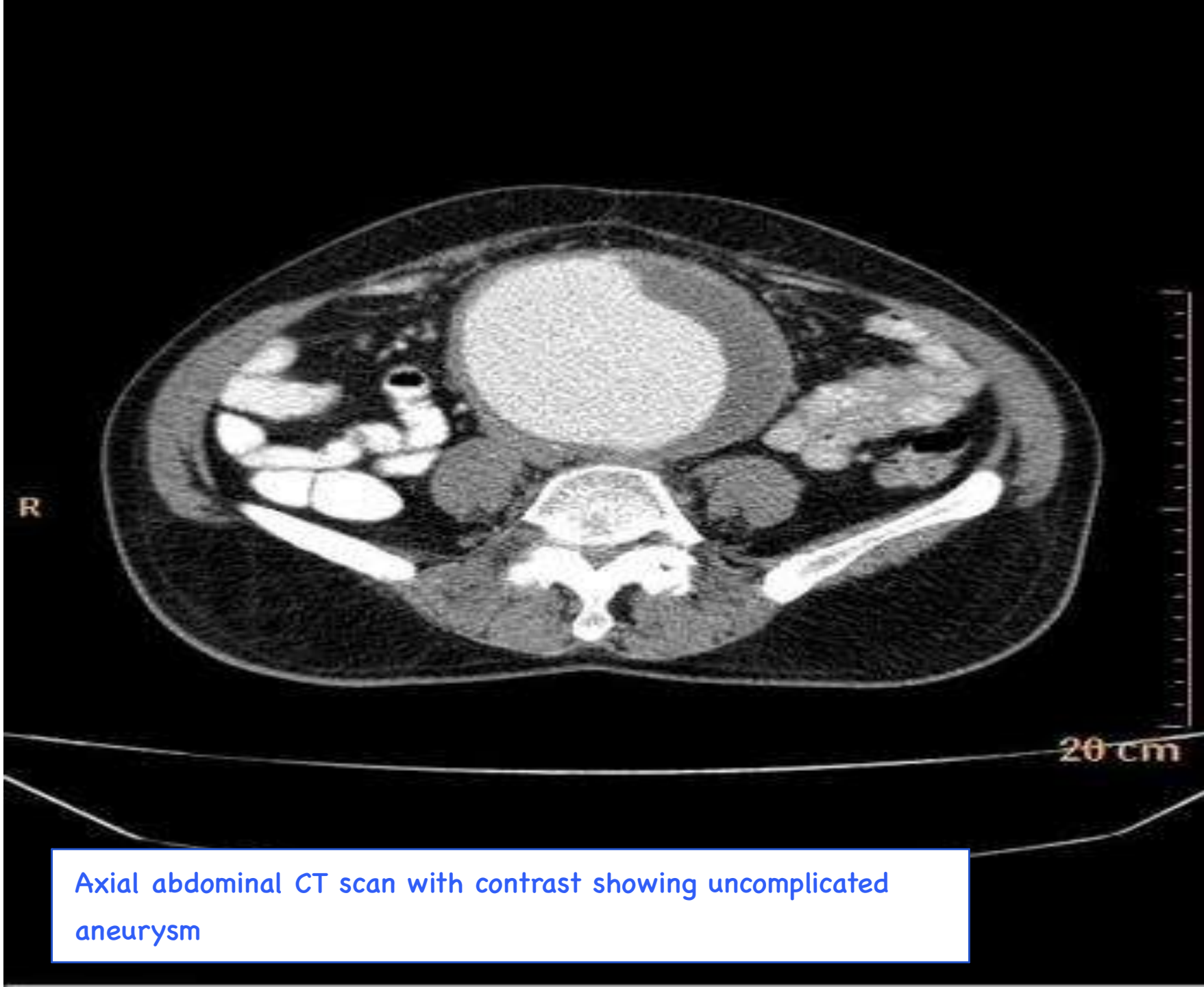
A→ DSA showing
short segment
stenosis in
superficial femoral
artery



B,C→ angioplasty not stented

Conventional DSA
Showing chronic Complete cut
off



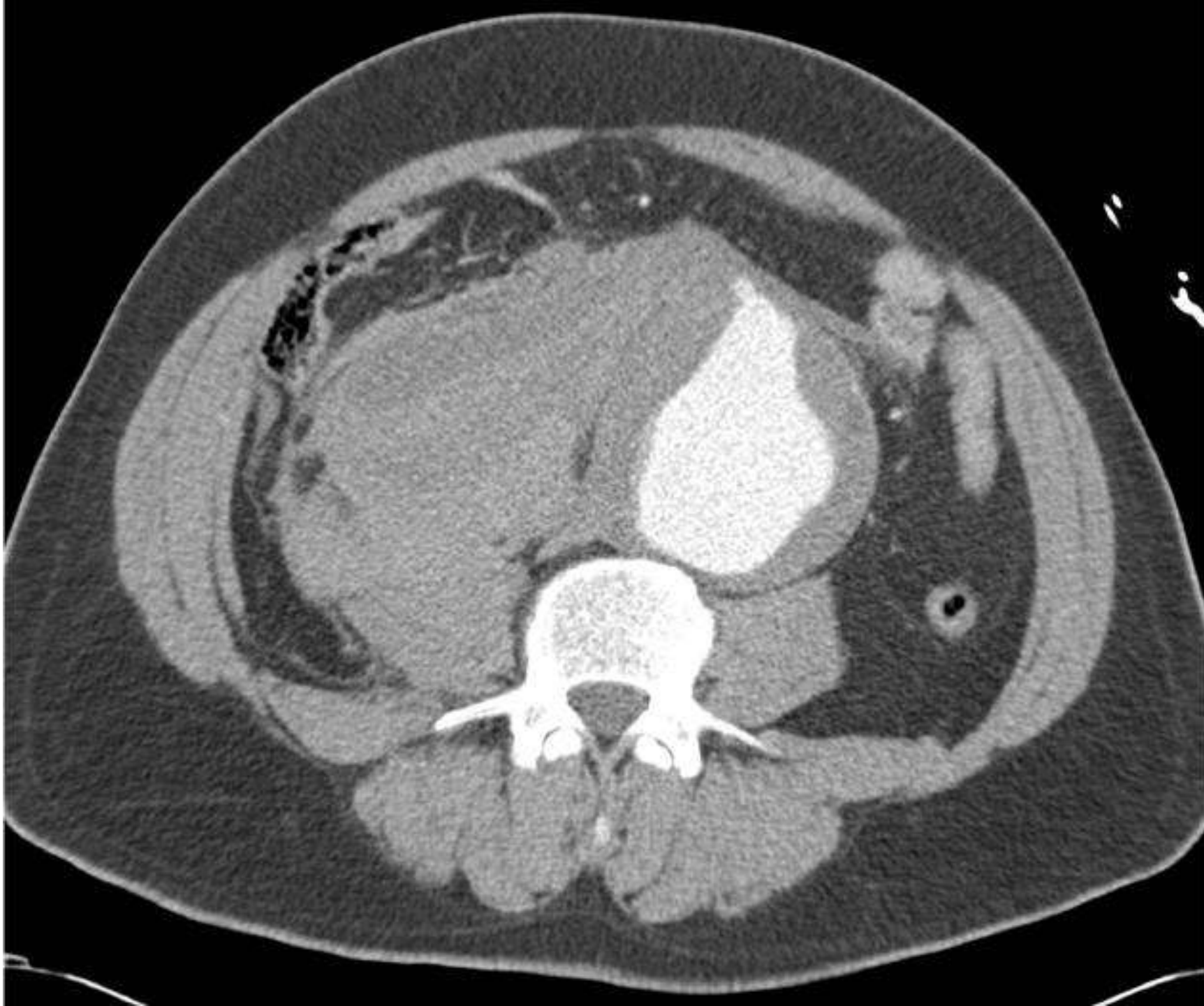


Axial abdominal CT scan with contrast showing uncomplicated aneurysm

Modality of
imaging: Axial
abdominal CT scan

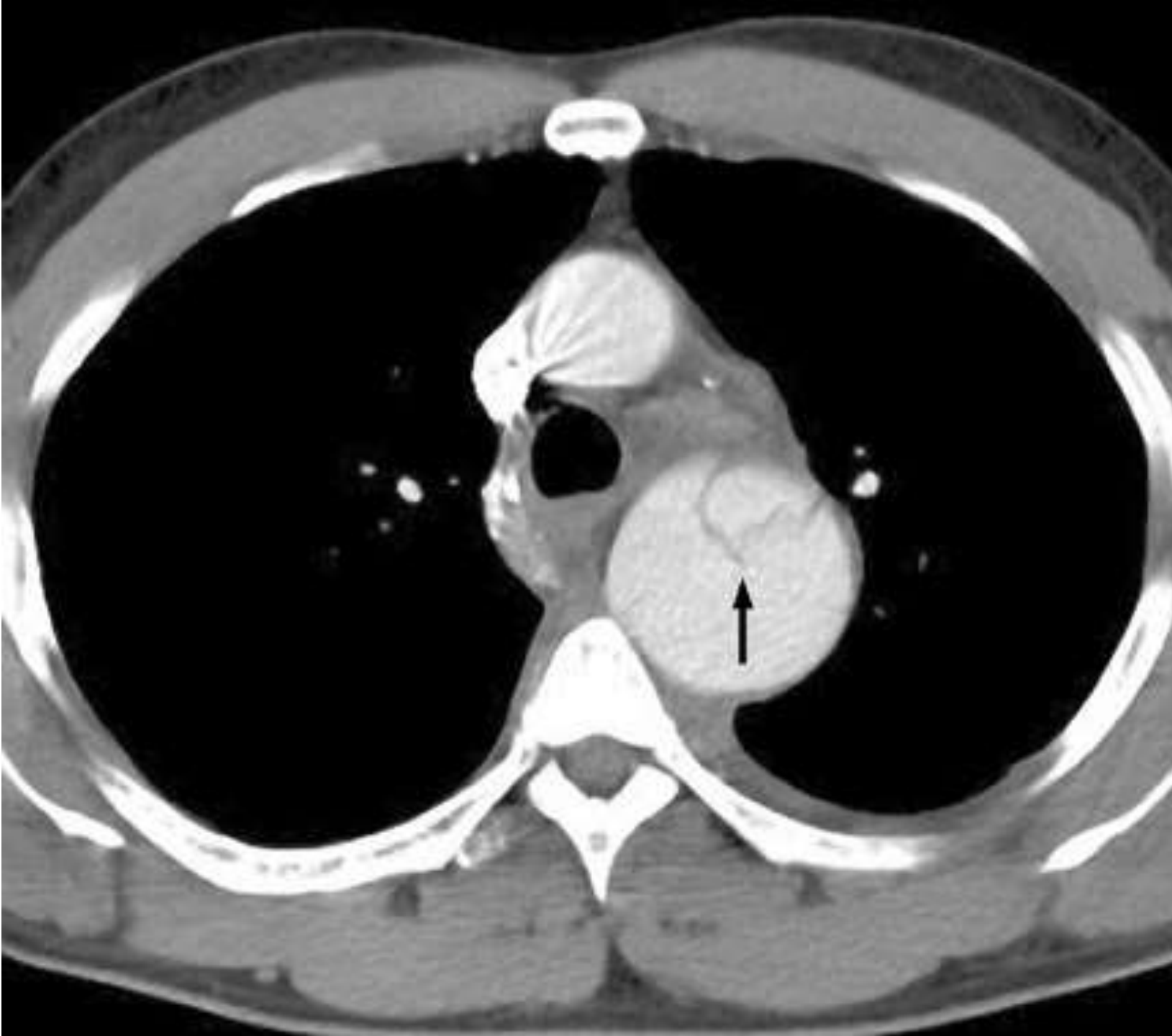
Dx: complicated
aneurysm by
ruptured

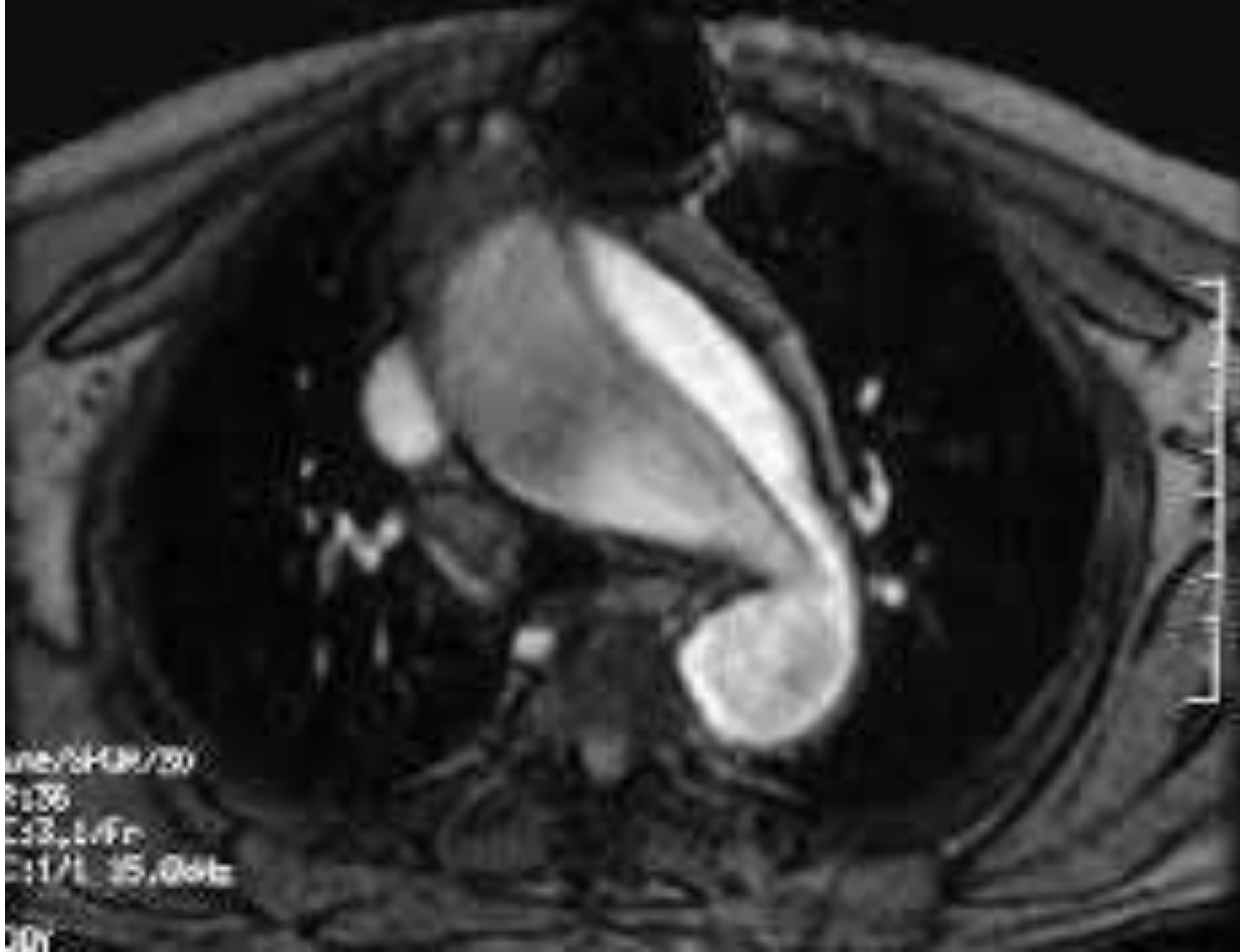
There no sign for
active bleeding



Modality: Axial
chest CT scan with
contrast

Dx:
Complicated
aneurysm in
descending aorta

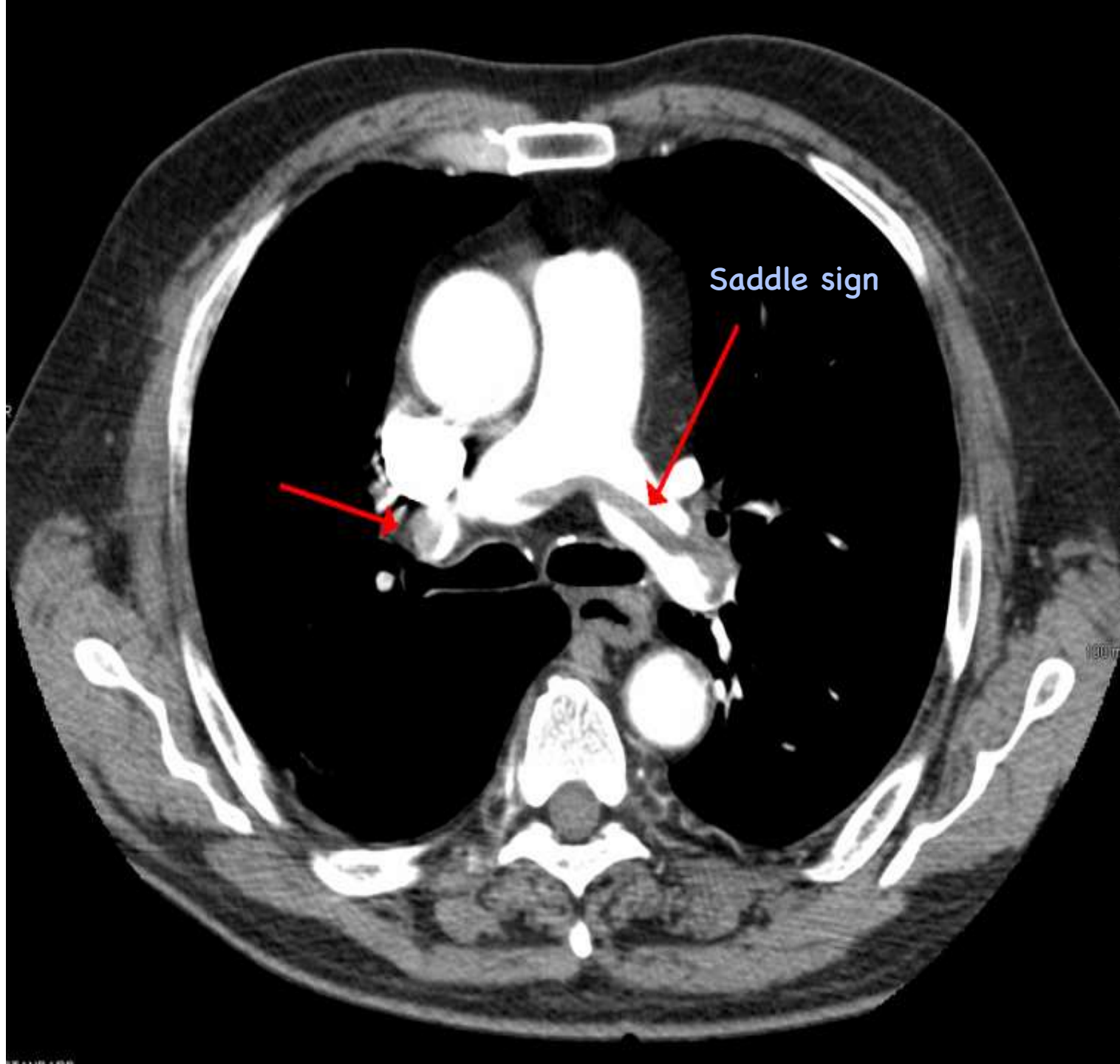




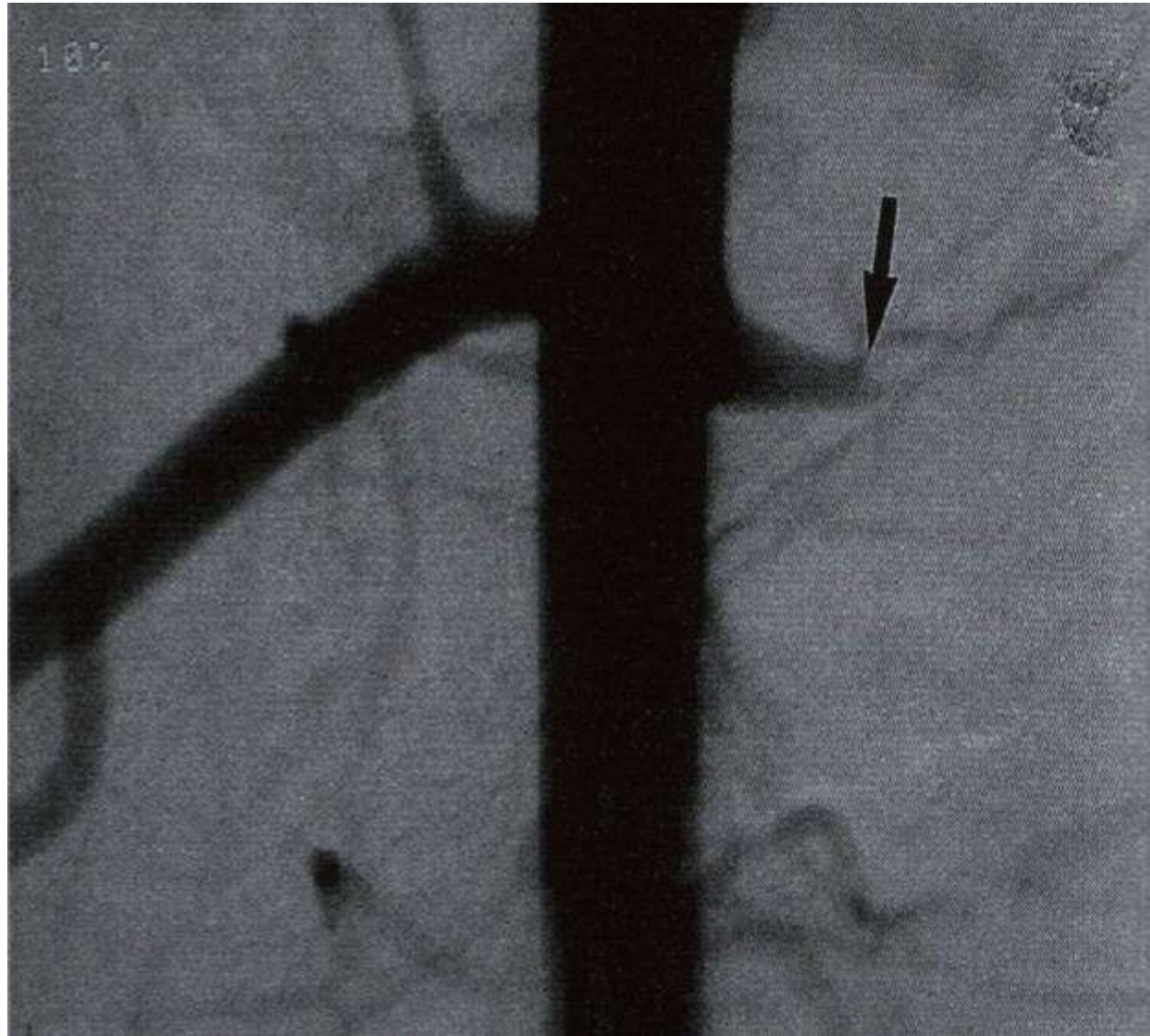
MRI + MRA
Showing
aneurysm in the
arch of aorta
complicated with
dissection

Axial chest CT scan
with IV contrast
showing pulmonary
embolism

→ filling defect



DSA showing acute
complete occlusion in left
renal artery



DSA showing chronic bilateral
occlusion of common iliac artery

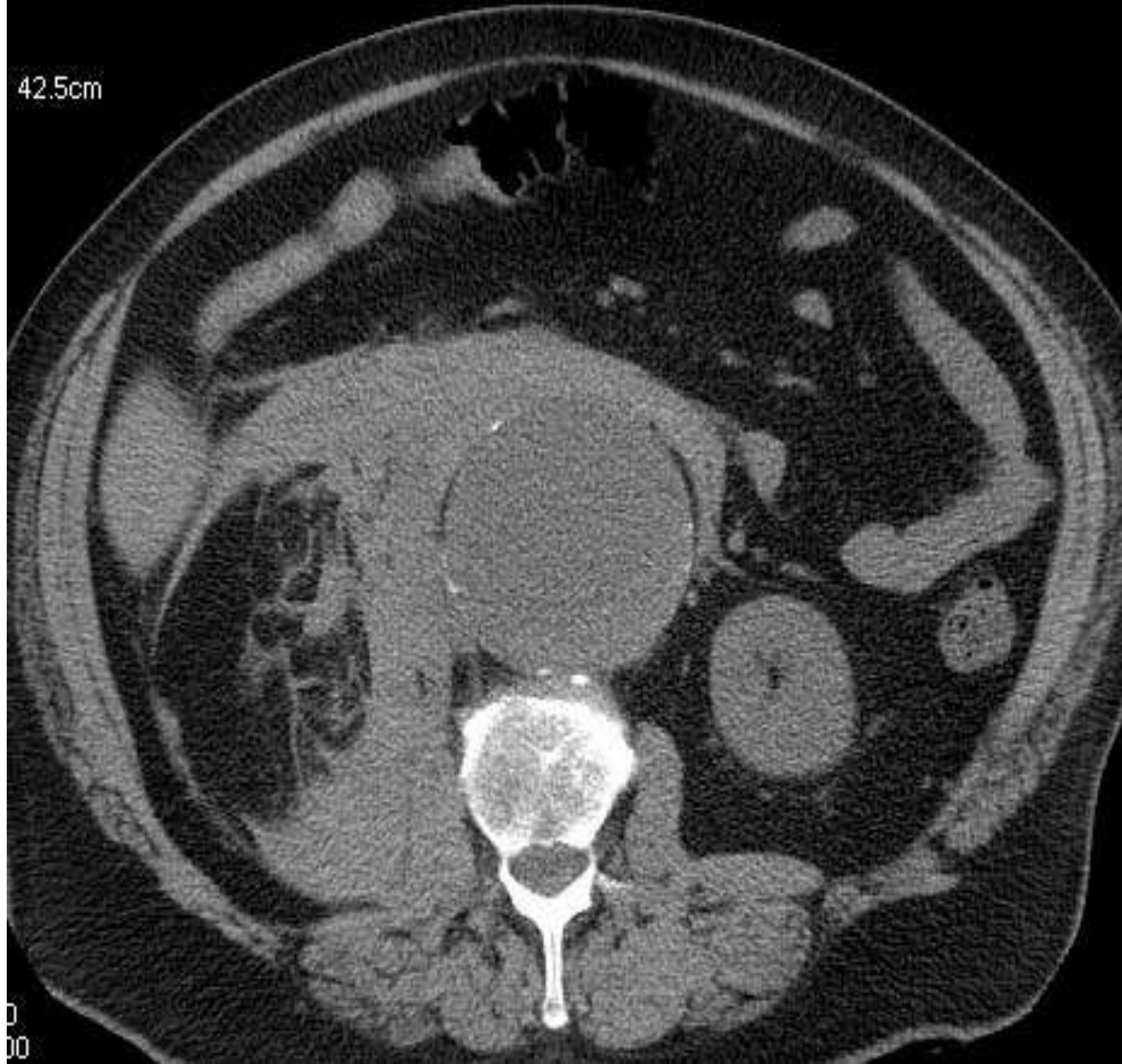
→ Leriche syndrome



Cholangiography showing
biliary tree occlusion

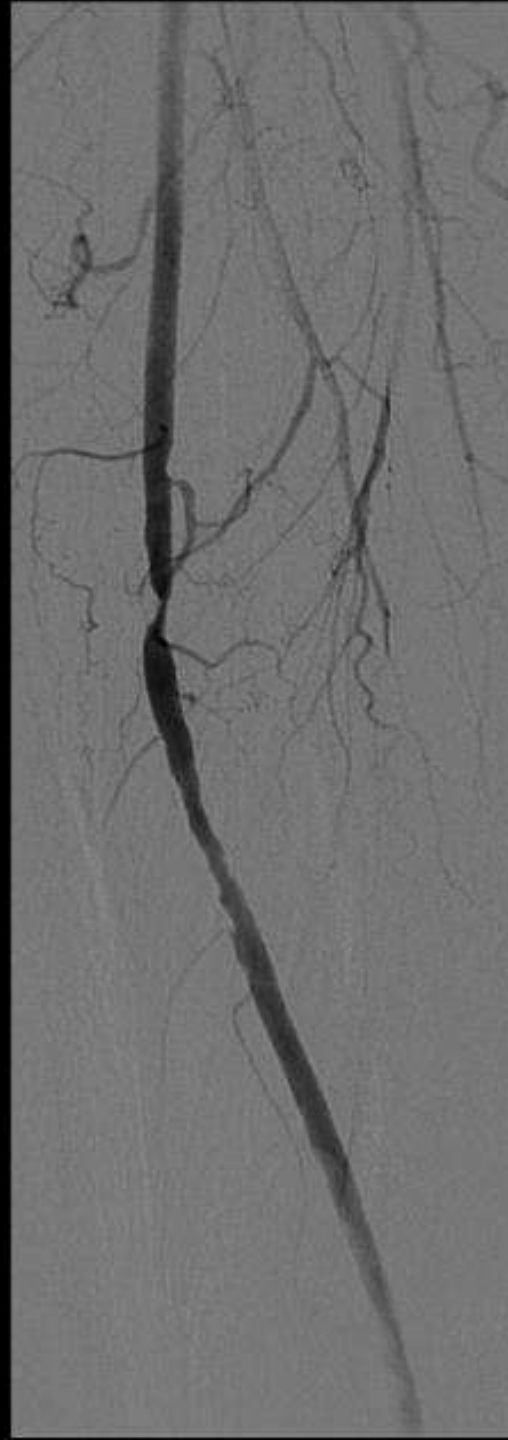


Abdominal CT
scan showing
complicated
aneurysm with
rupture

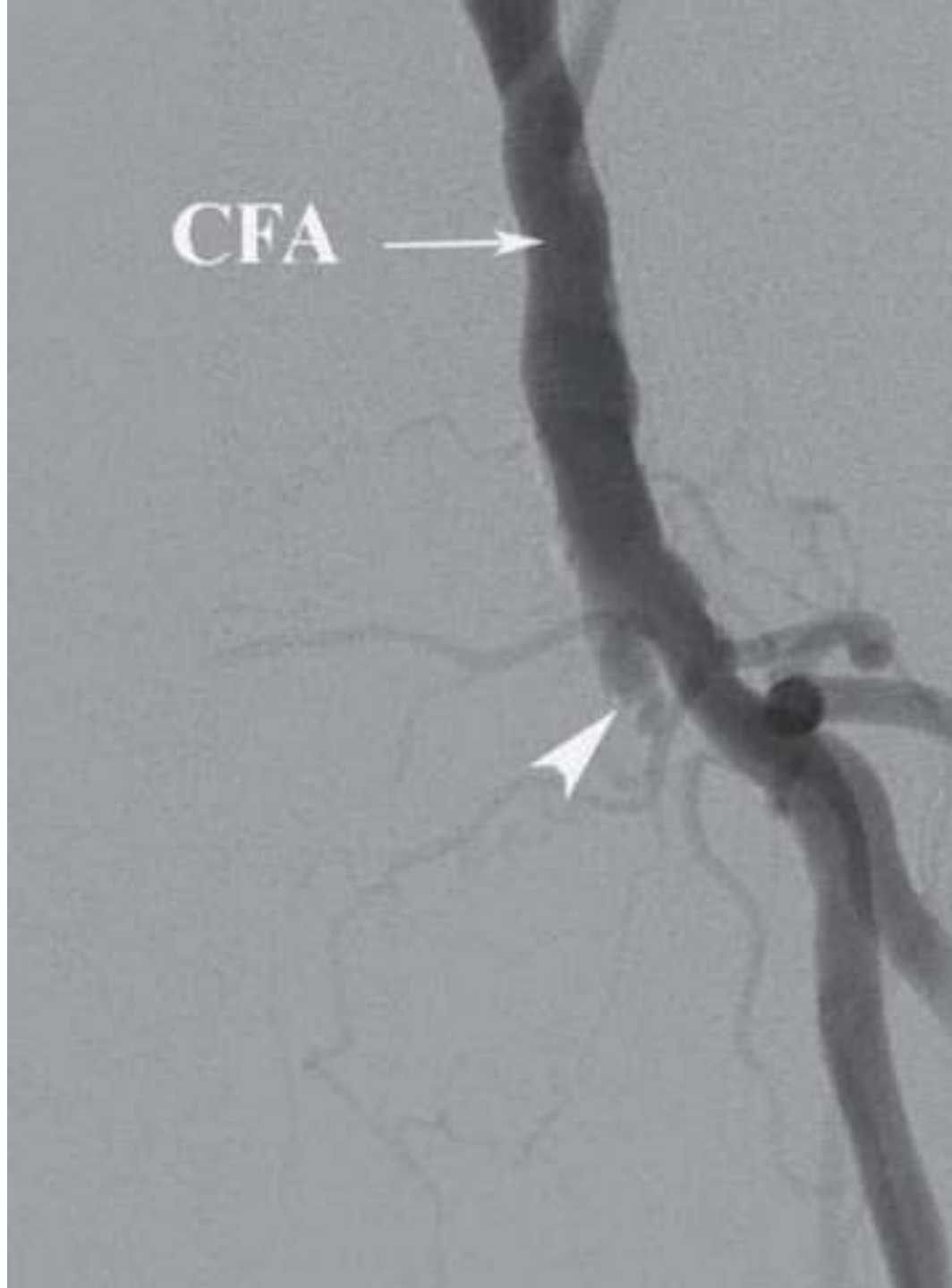


DSA showing
short segment
stenosis in
superficial
femoral artery

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CFA

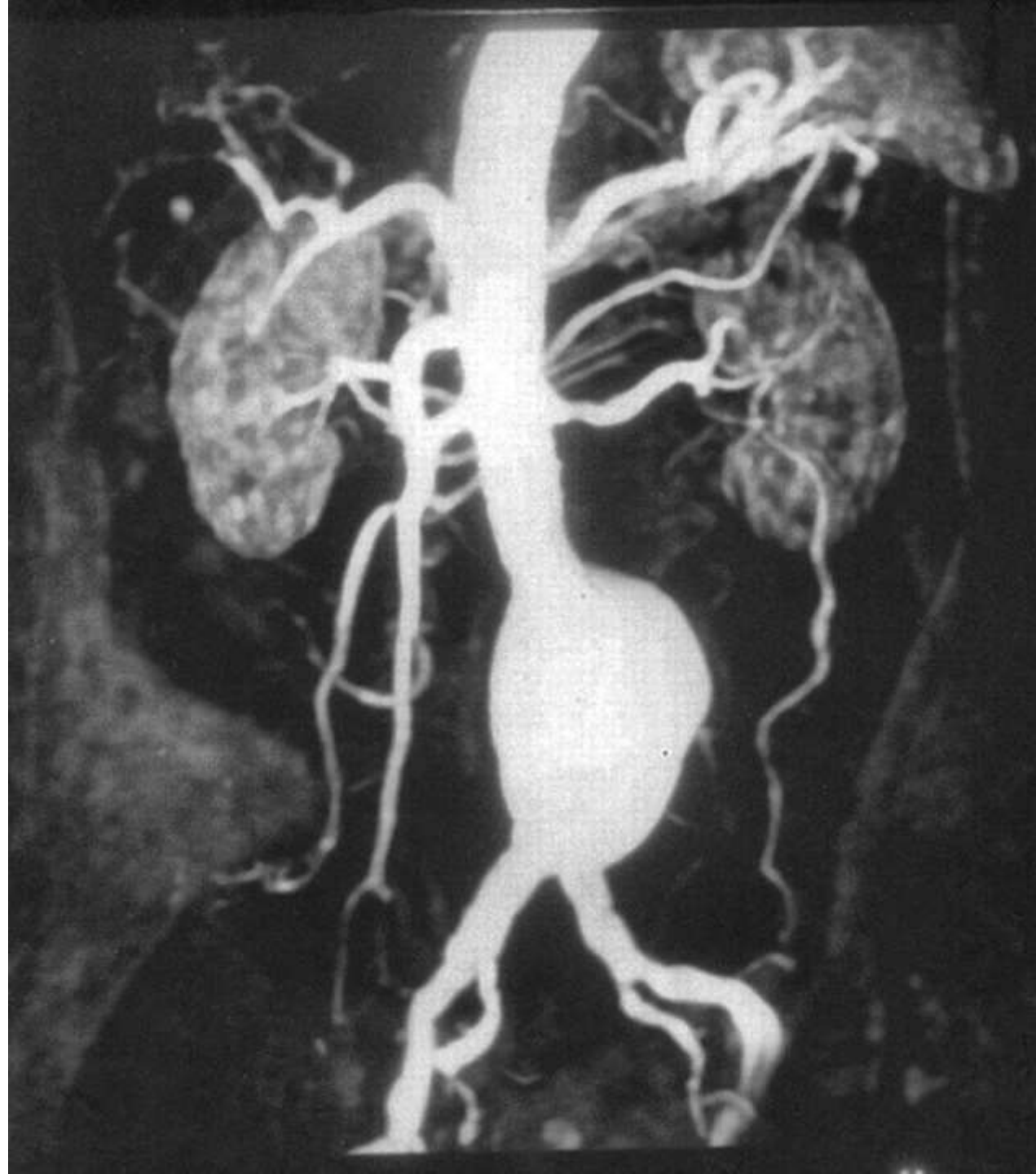


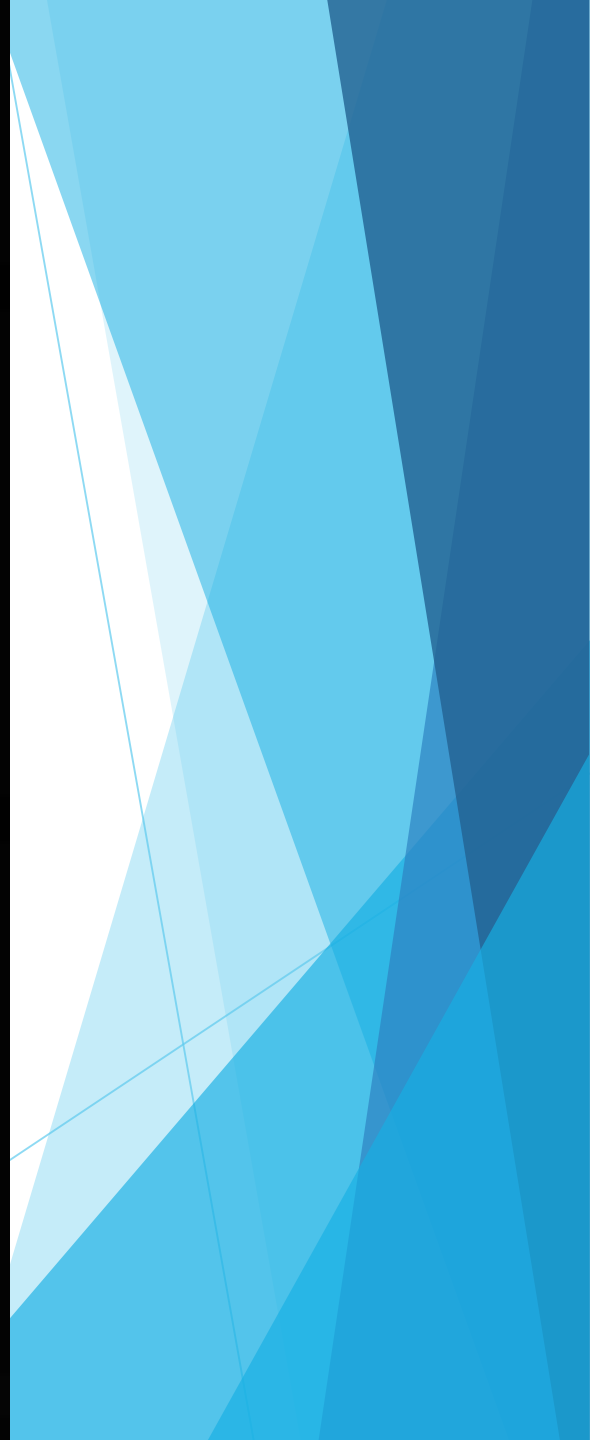
DSA showing acute complete
occlusion of superficial femoral
artery

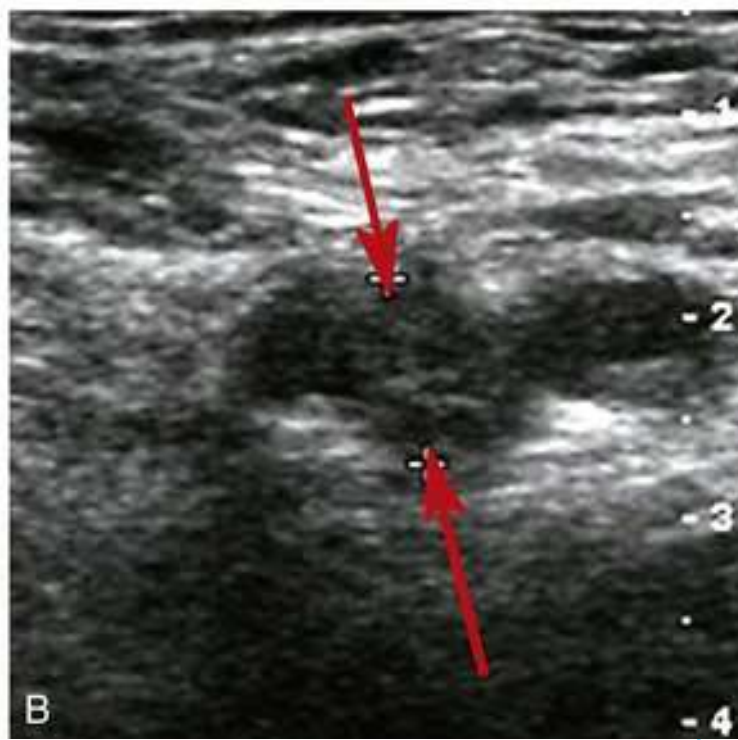
→ sharp cut off sign

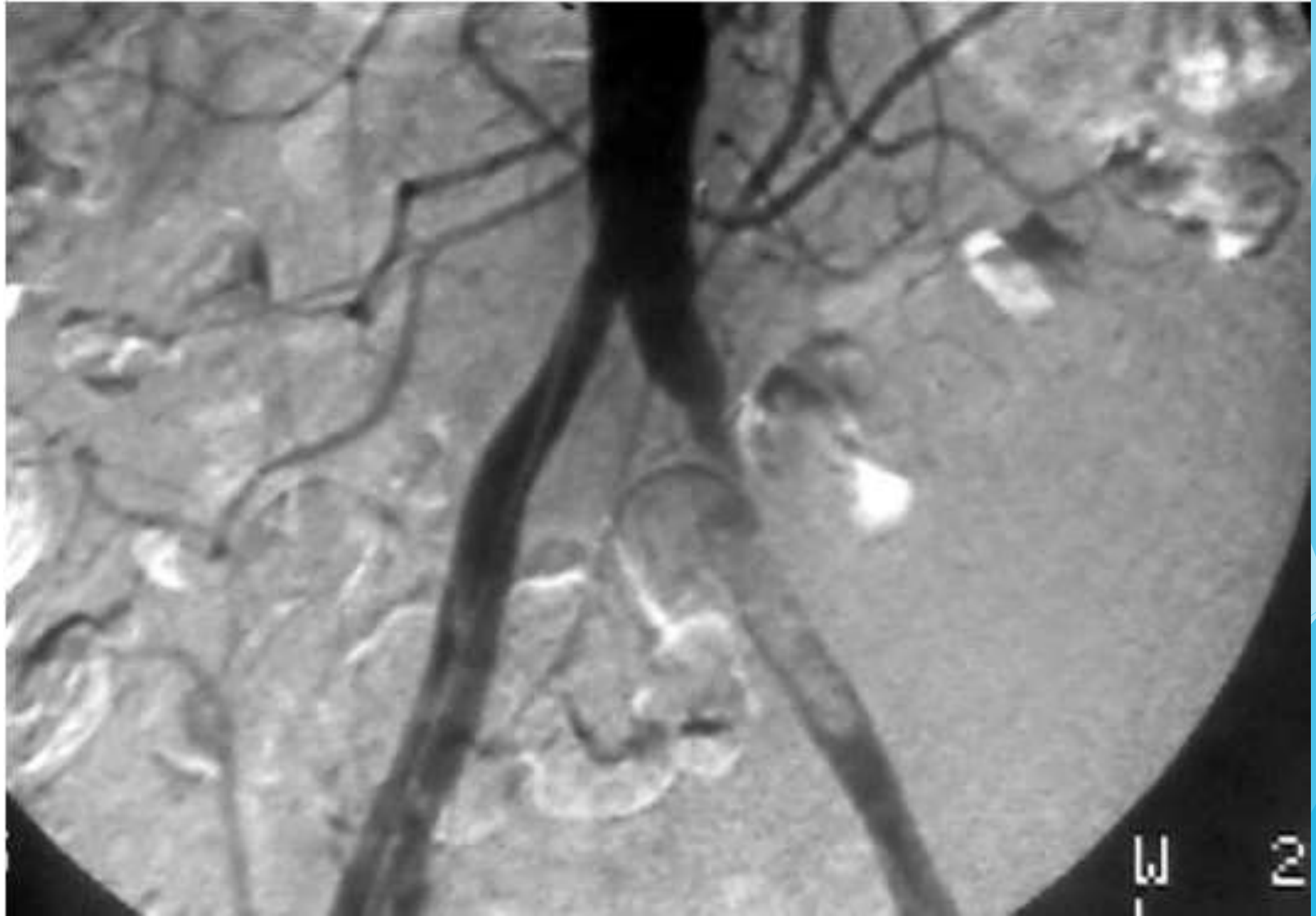
Chronic complete
occlusion of common
iliac artery





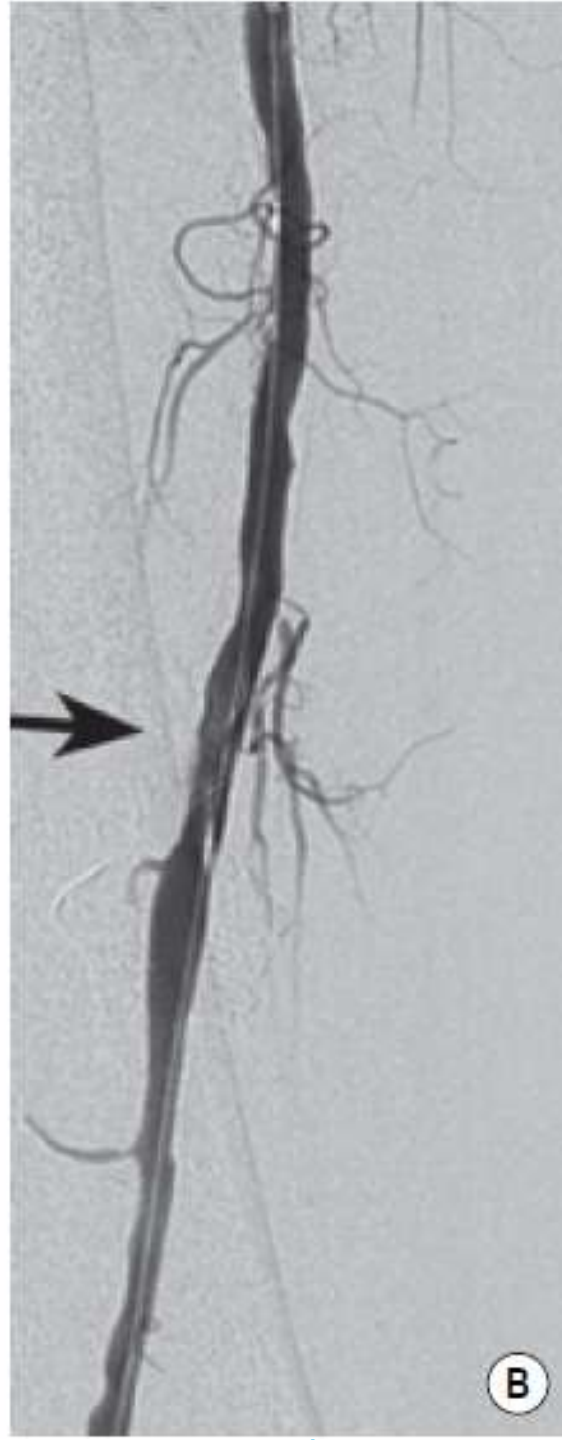


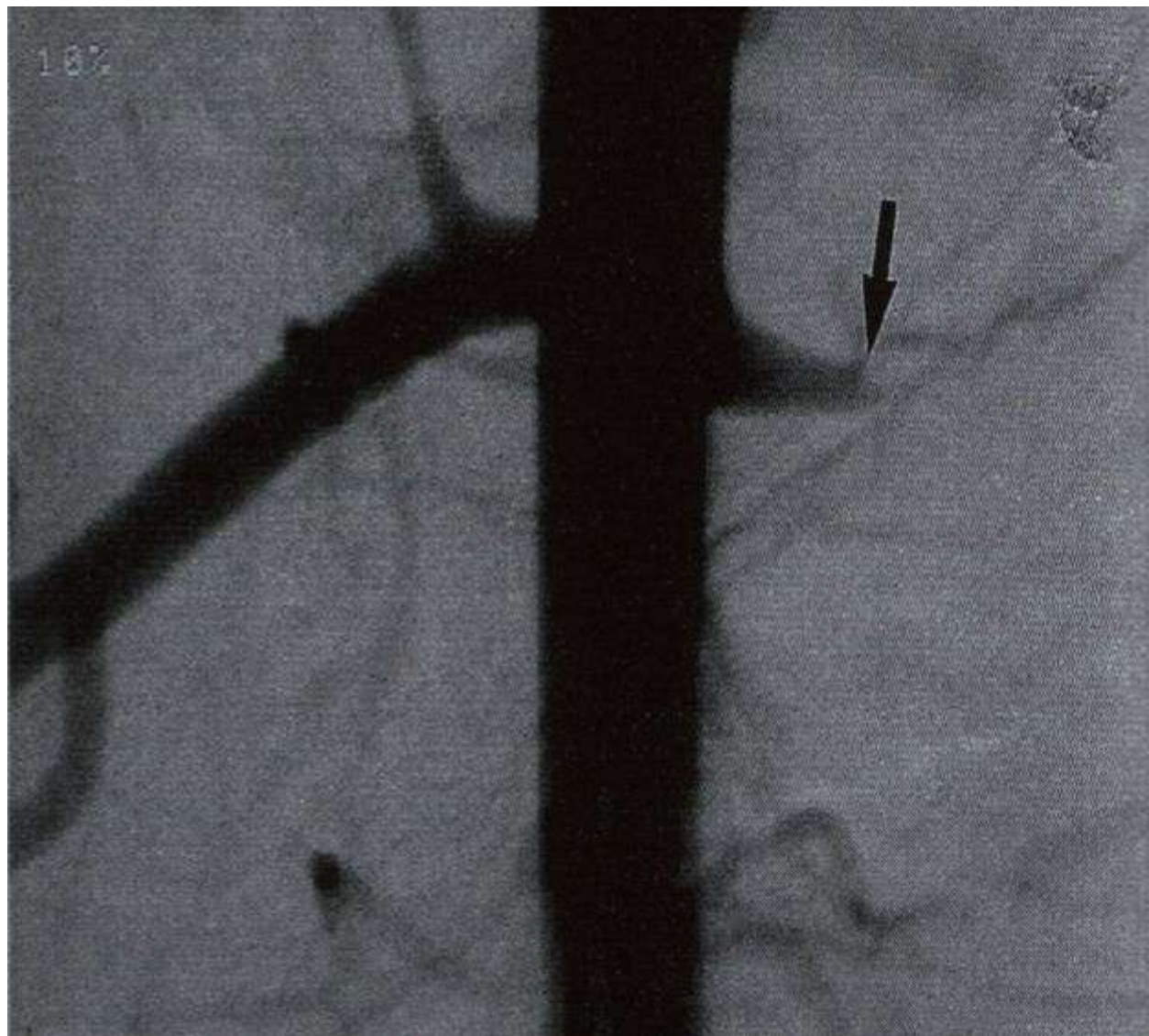


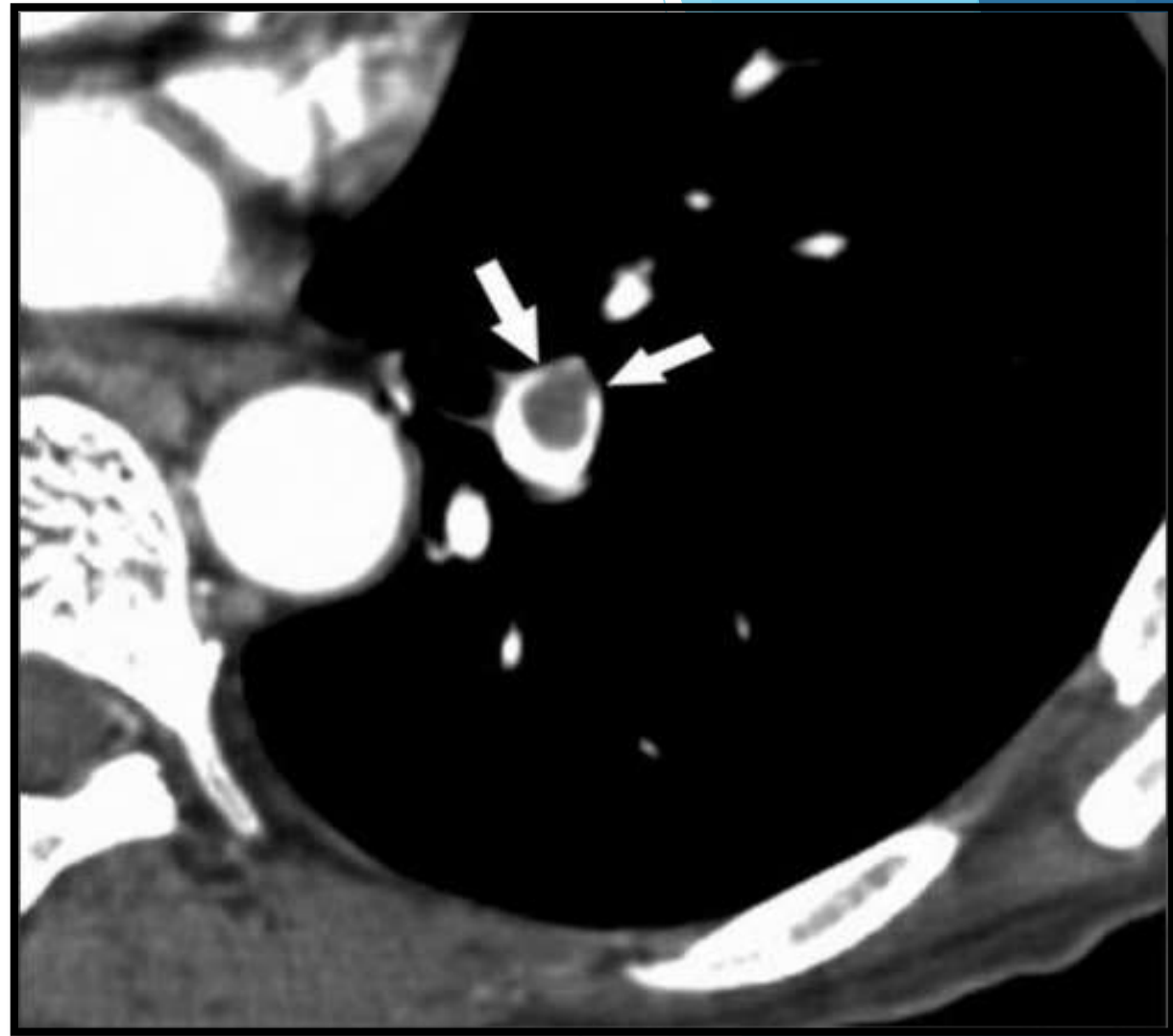
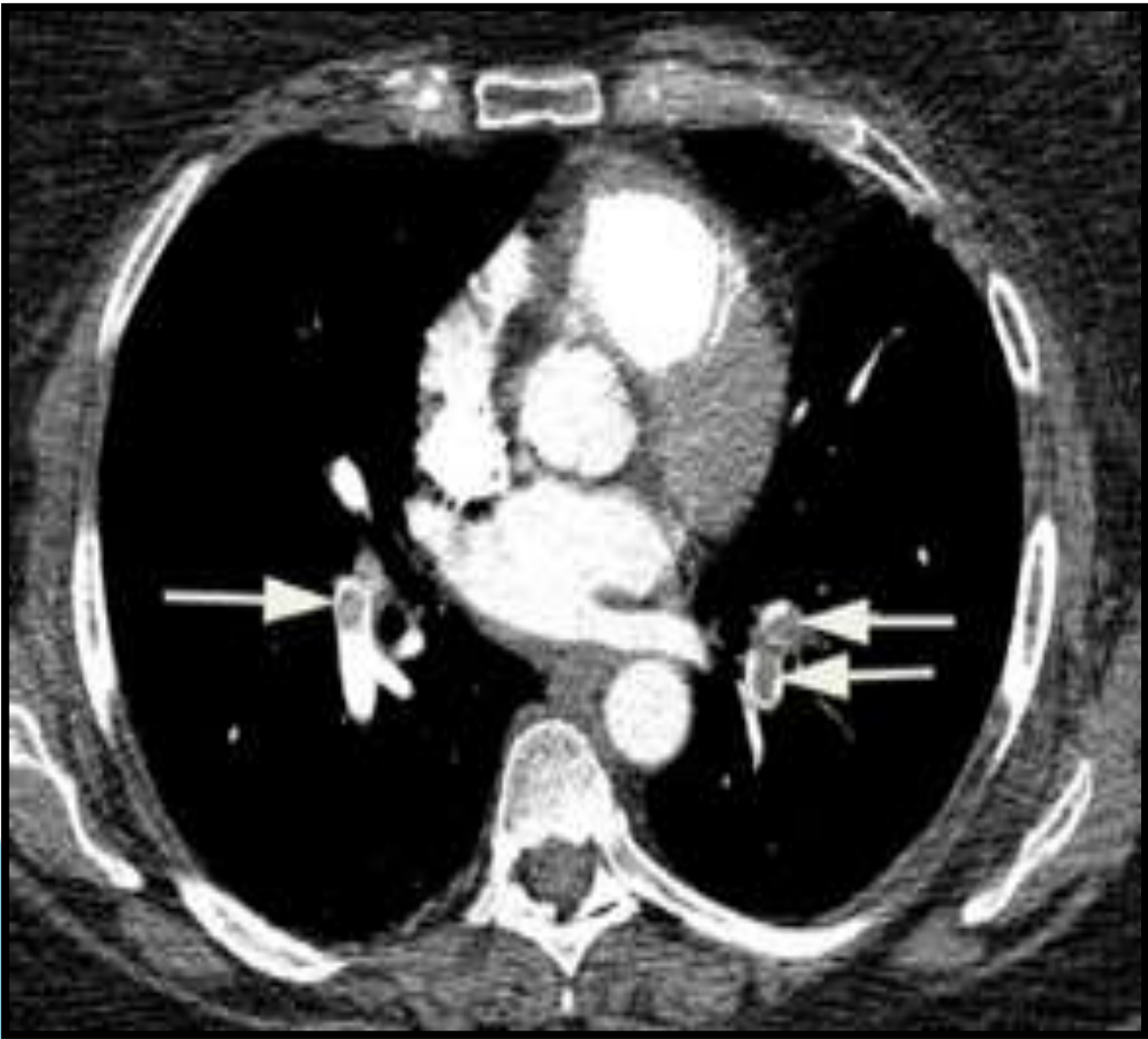


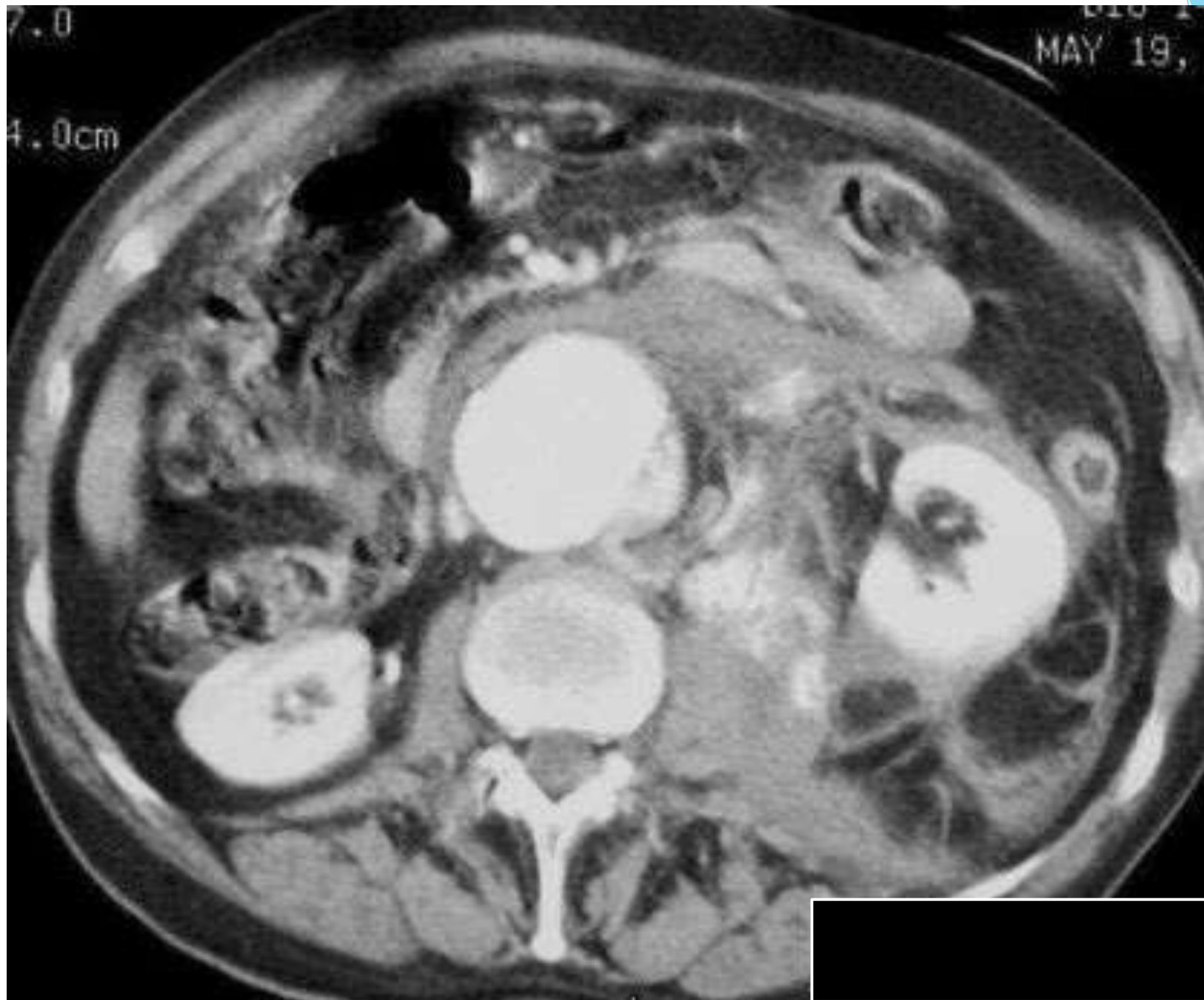


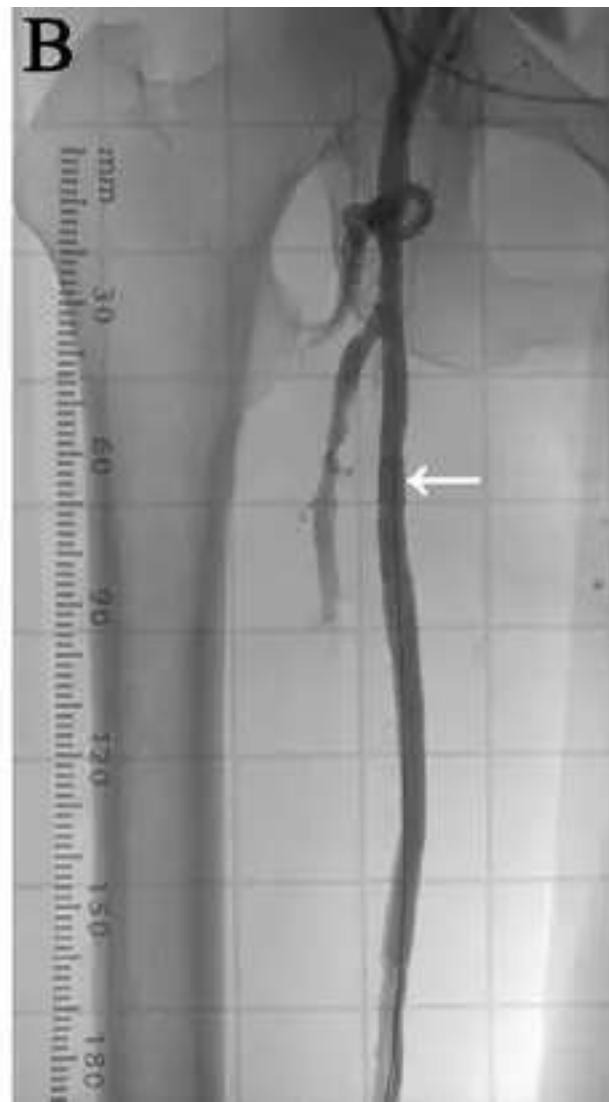
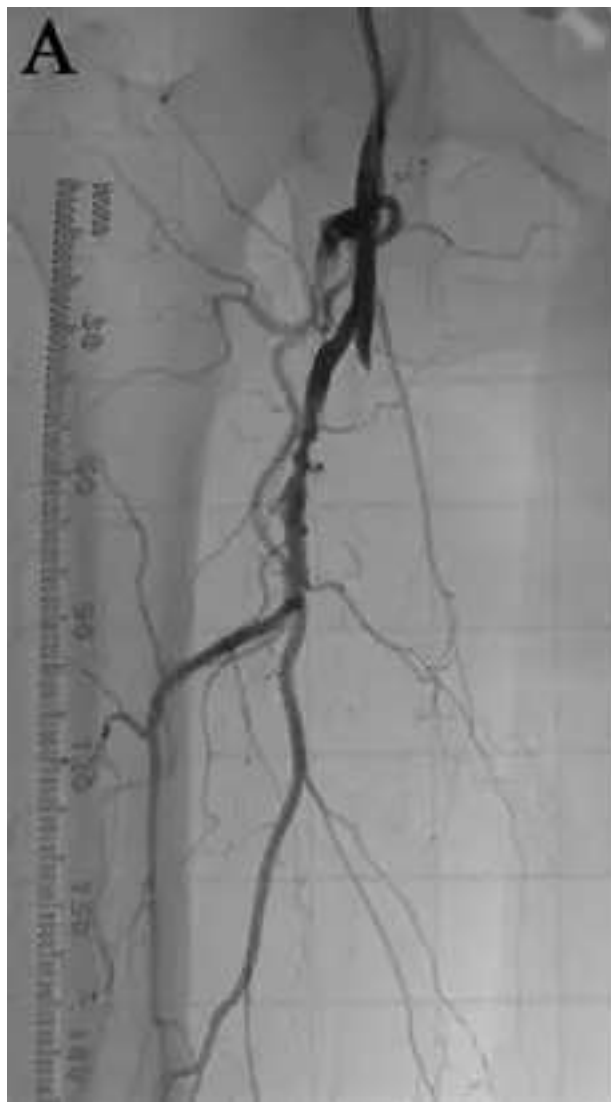


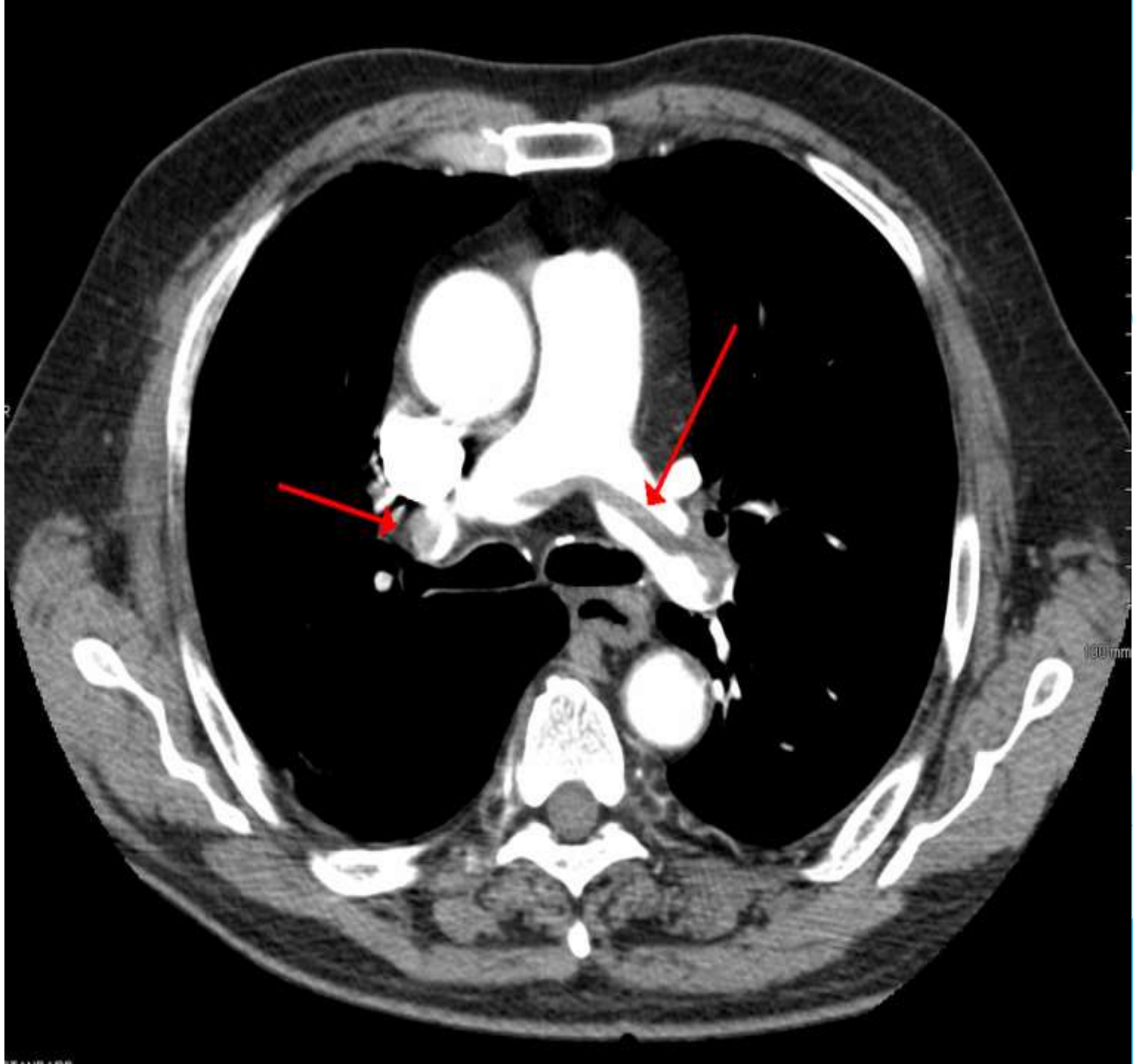


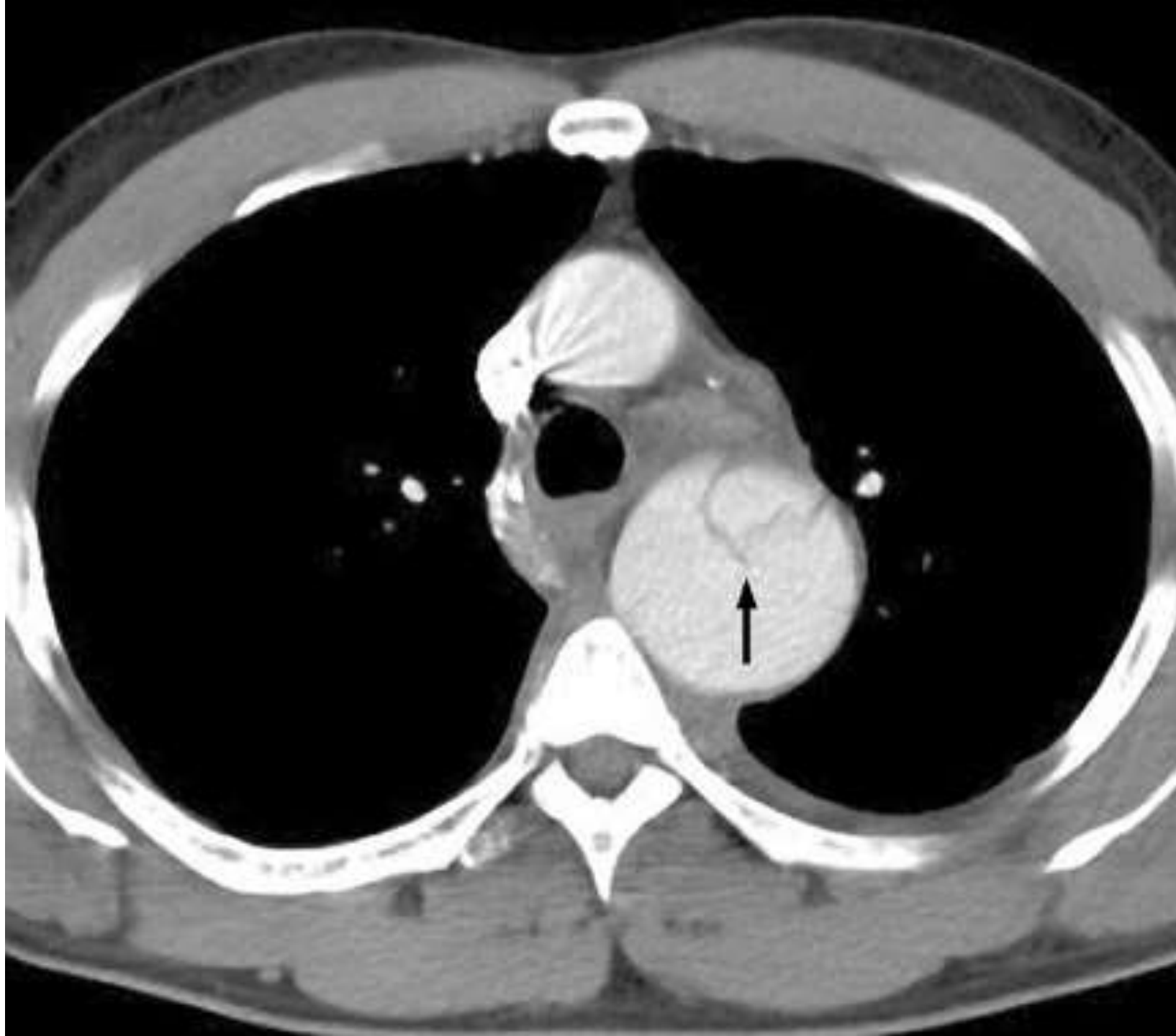












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