

MEET2015

Nice, June 8-9 2015

Late endoleak management – case discussions

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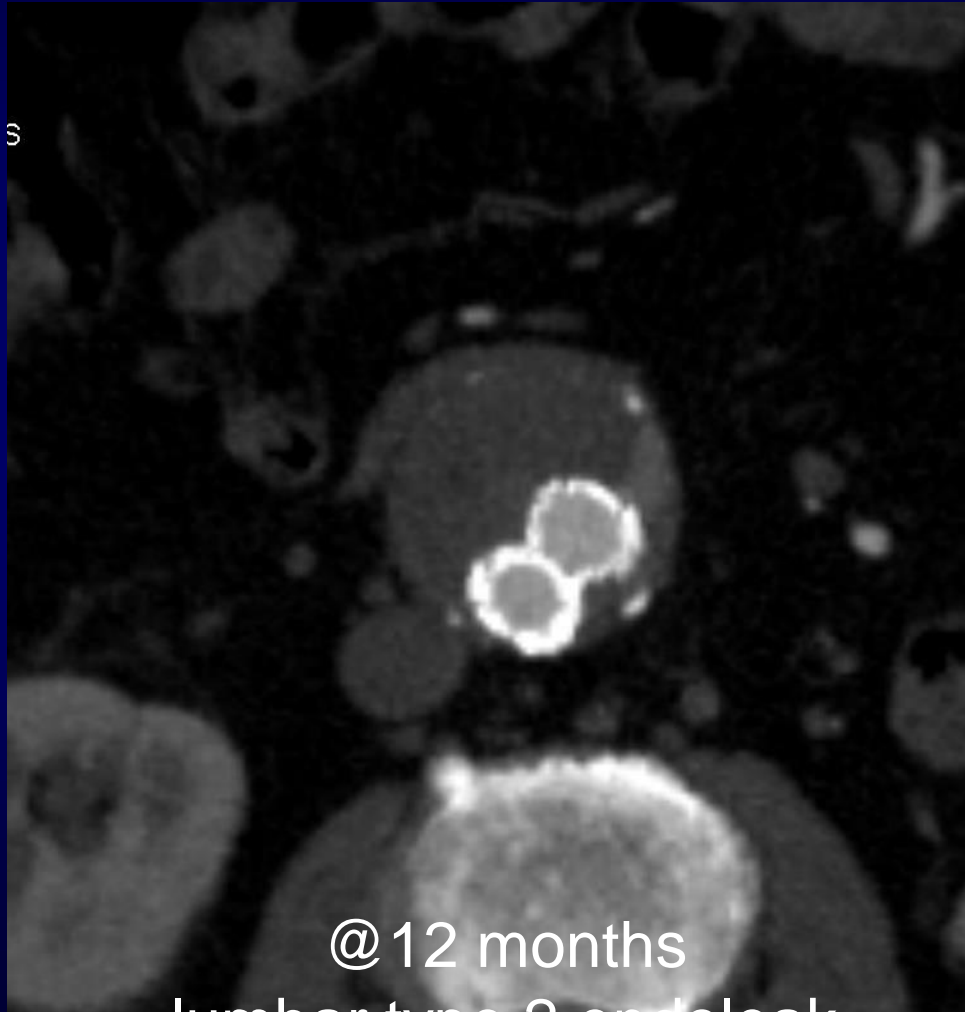
Late endoleak

- Type 1 and 3
 - Immediate treatment
- Type 2
 - Wait-and-see
 - Catheter-based embolization
 - Direct puncture

Choice of treatment modality

- Ease of access
 - Direct from A-B
 - From A-B through C-D....
- Availability hardware
 - Cone-beam CT
 - Navigational tools
 - Catheters, wires,...

Case # 1

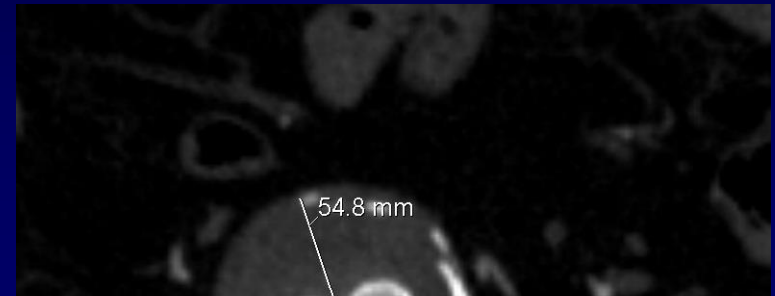
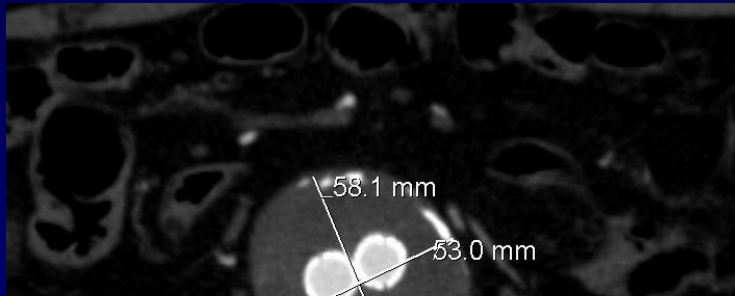


@12 months
lumbar type 2 endoleak

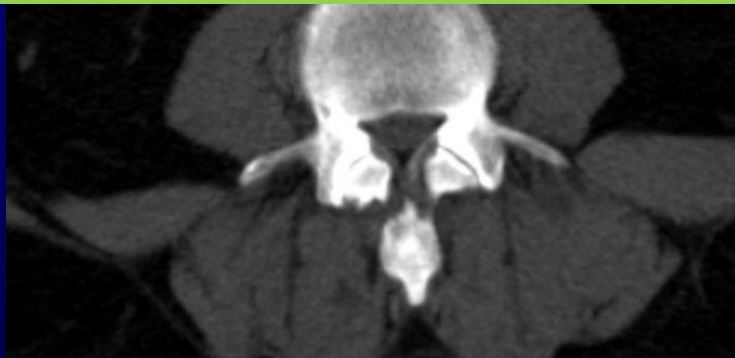
What to do?

- Wait-and-see
- Catheter-based embolization
- Direct puncture

Persistent endoleak



NOT ALL ENDOLEAKS ARE HARMFUL



@6 months

@12 months

Case # 2



What to do?

- Wait-and-see
- Catheter-based embolization
- Direct puncture

Case # 2

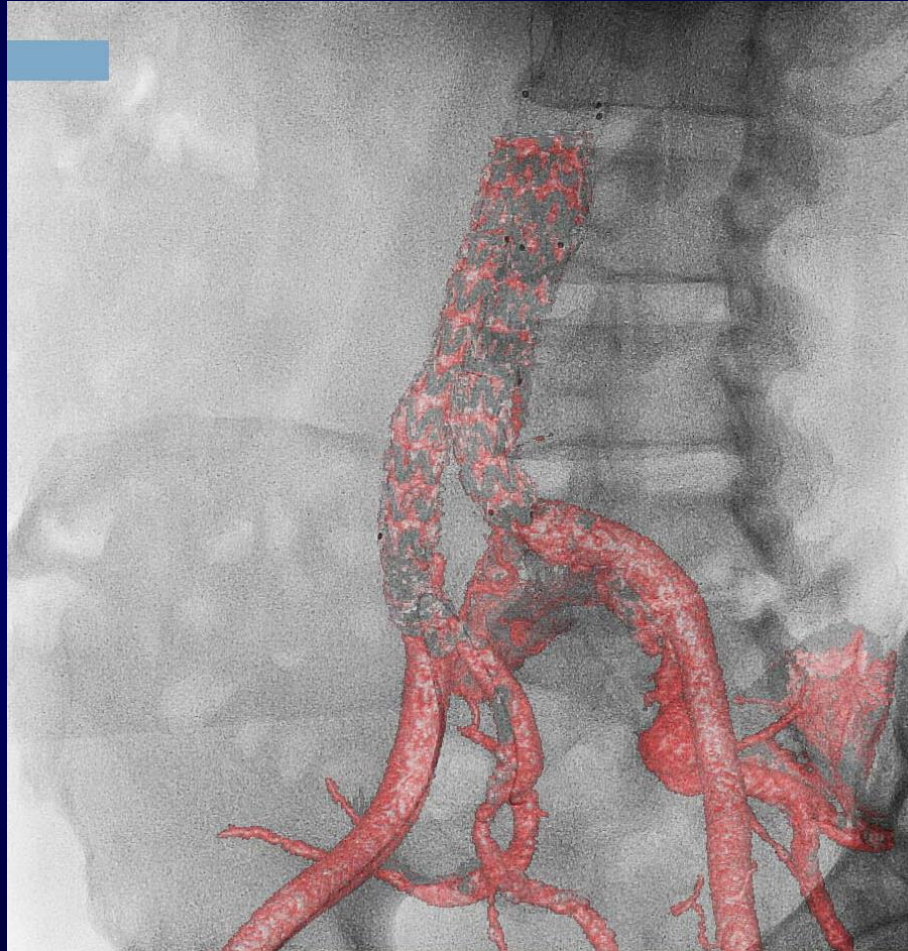


Case # 2



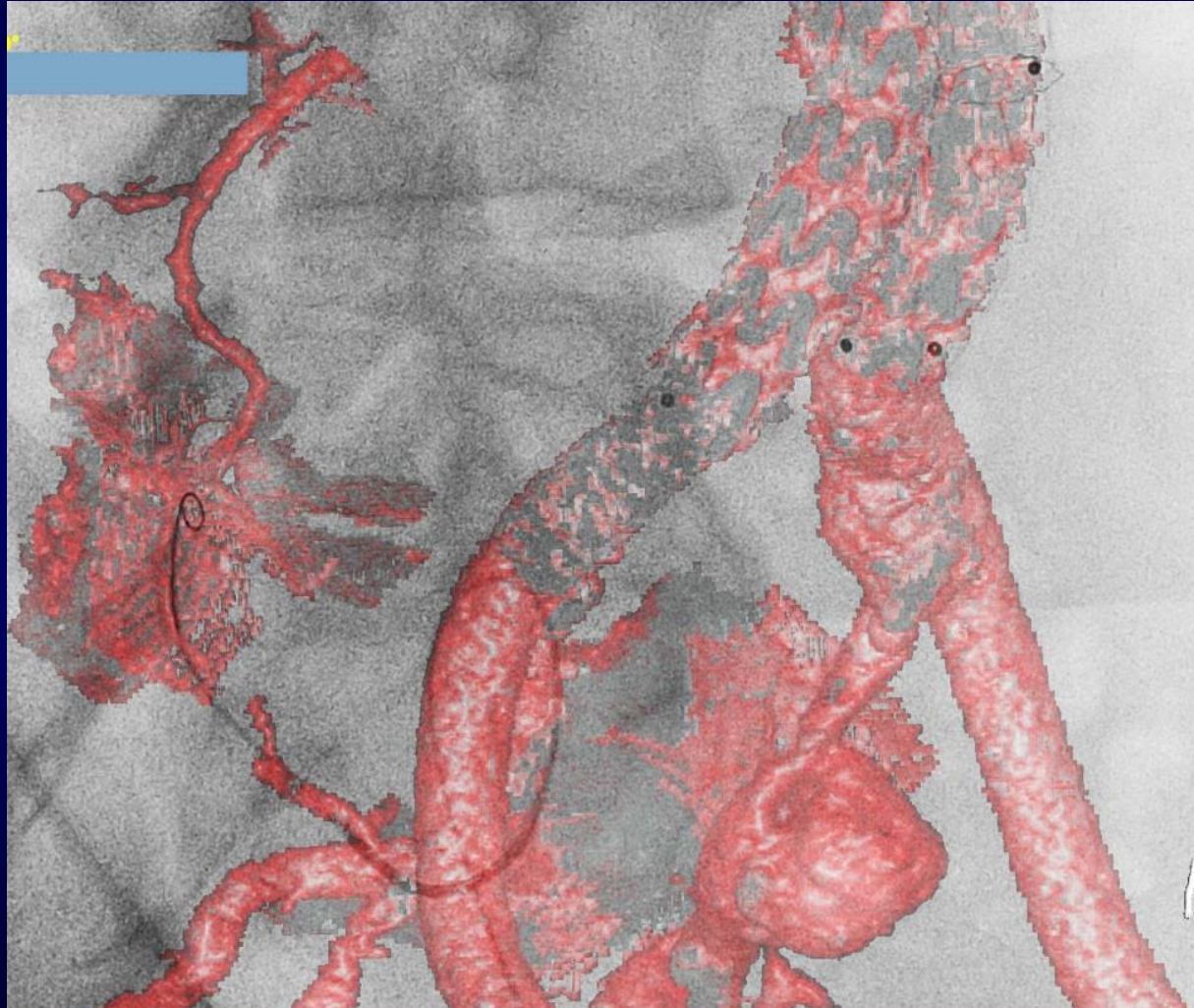
straightforward anatomy

Case #2

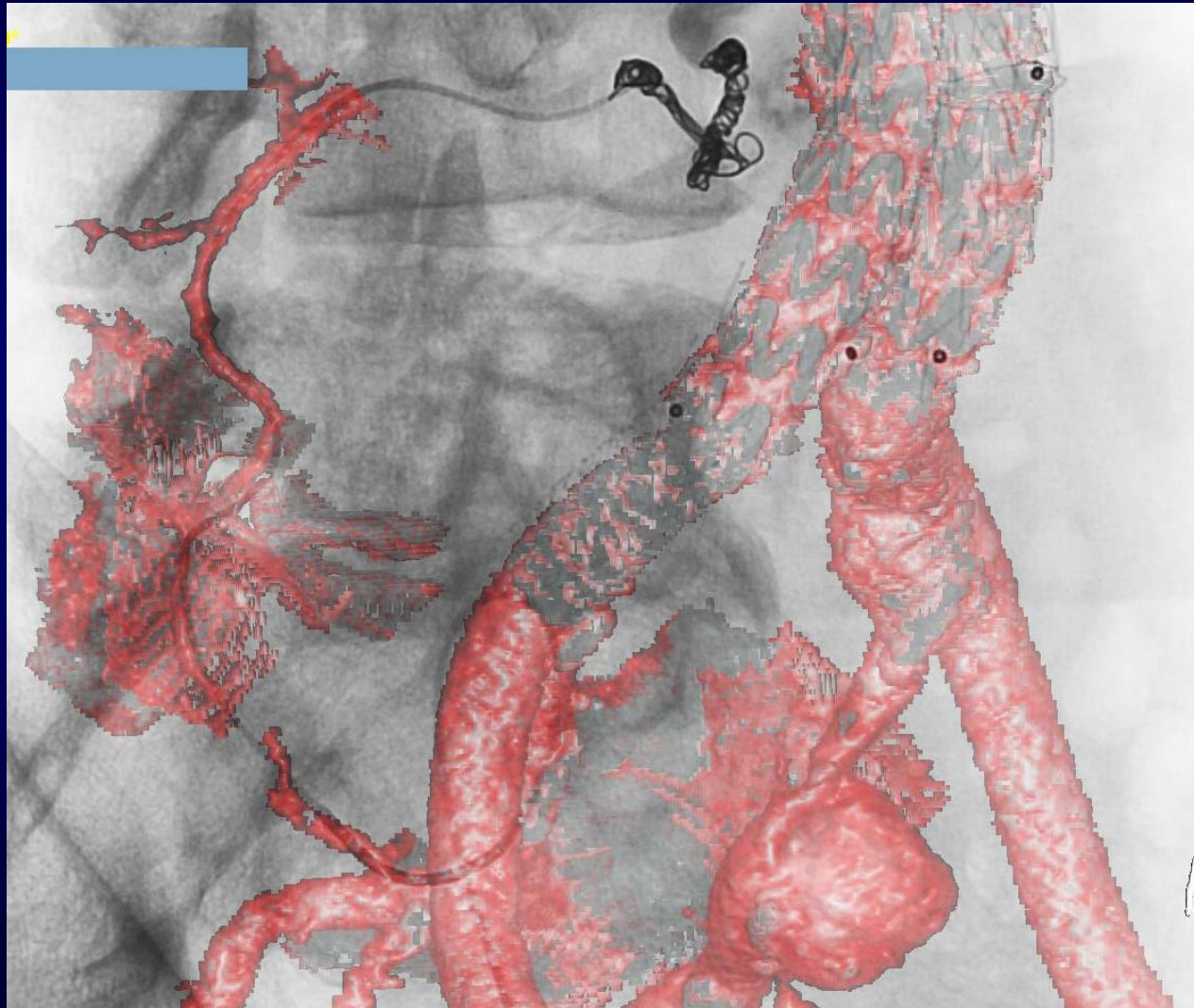


straightforward anatomy
catheter-based approach

Case # 2



Case # 2



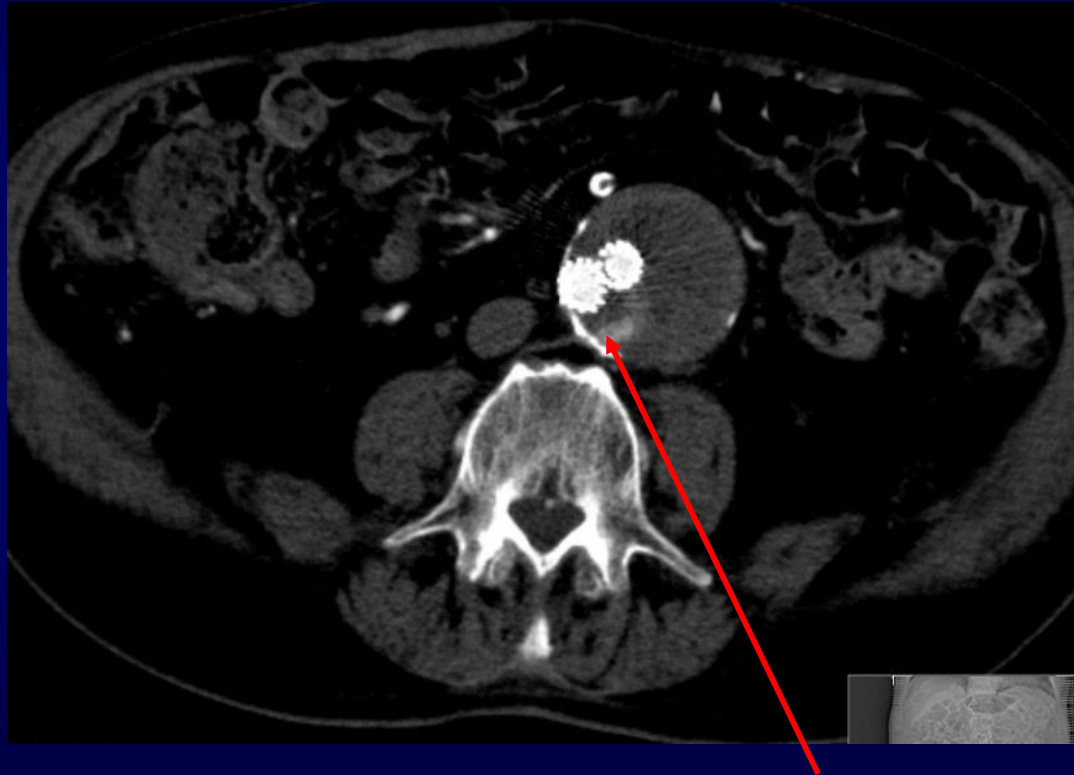
Case # 3



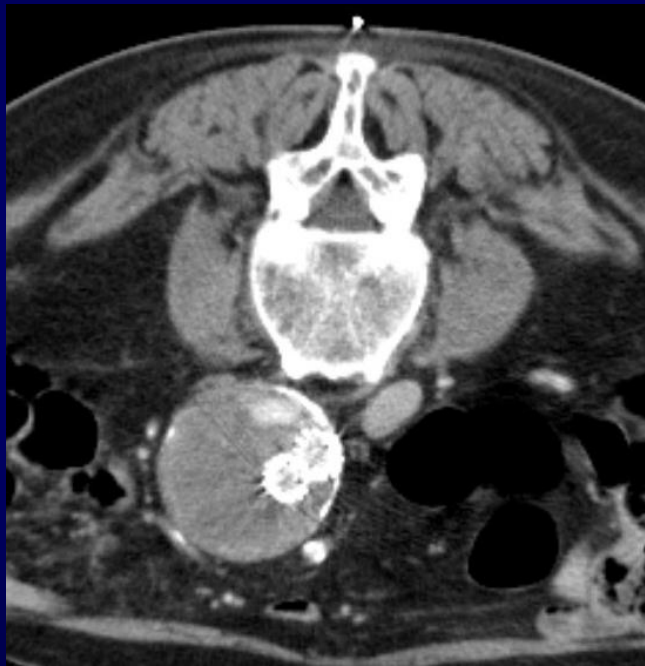
What to do?

- Wait-and-see
- Catheter-based embolization
- Direct puncture

Case # 3



Glue-translumbar (CT fluoroscopy)



Glue-translumber (CT fluoroscopy)



Case # 4

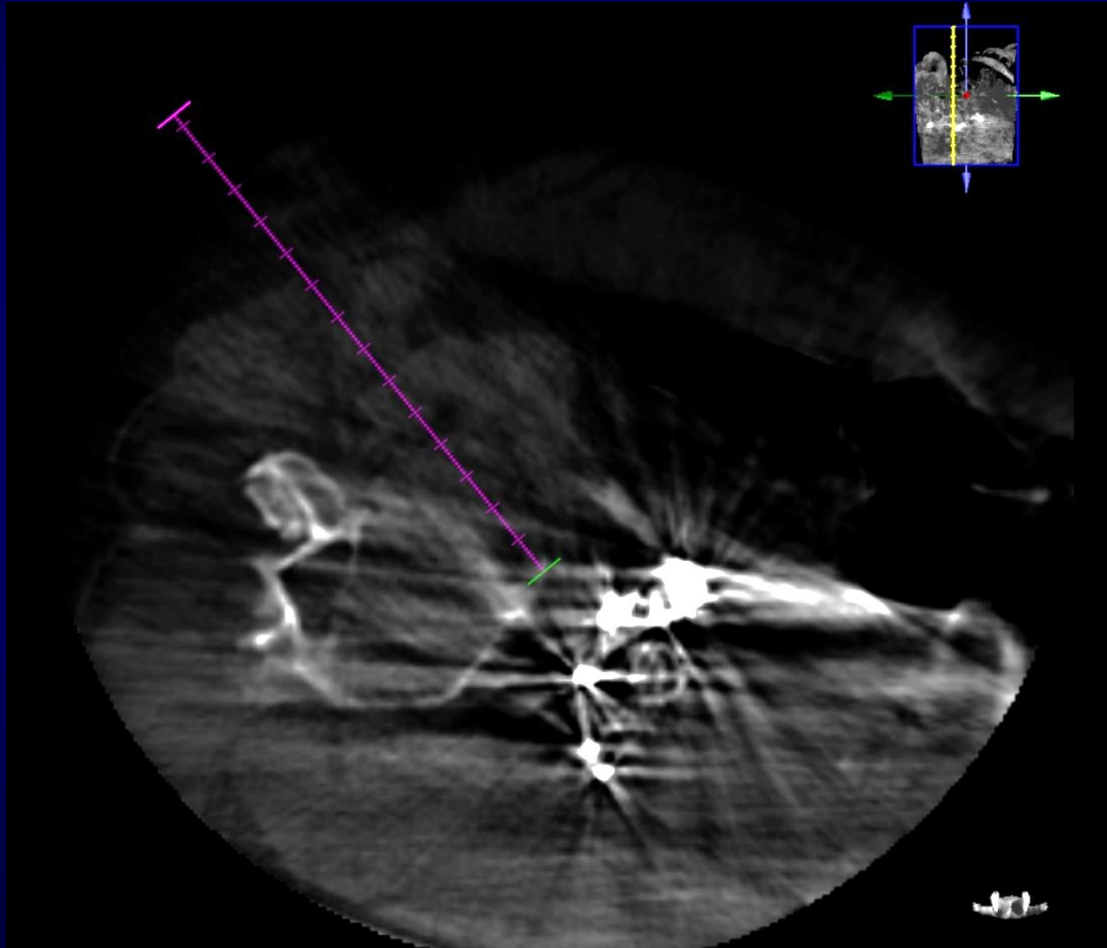


persistent type 2 endoleak after emergency type I repair

What to do?

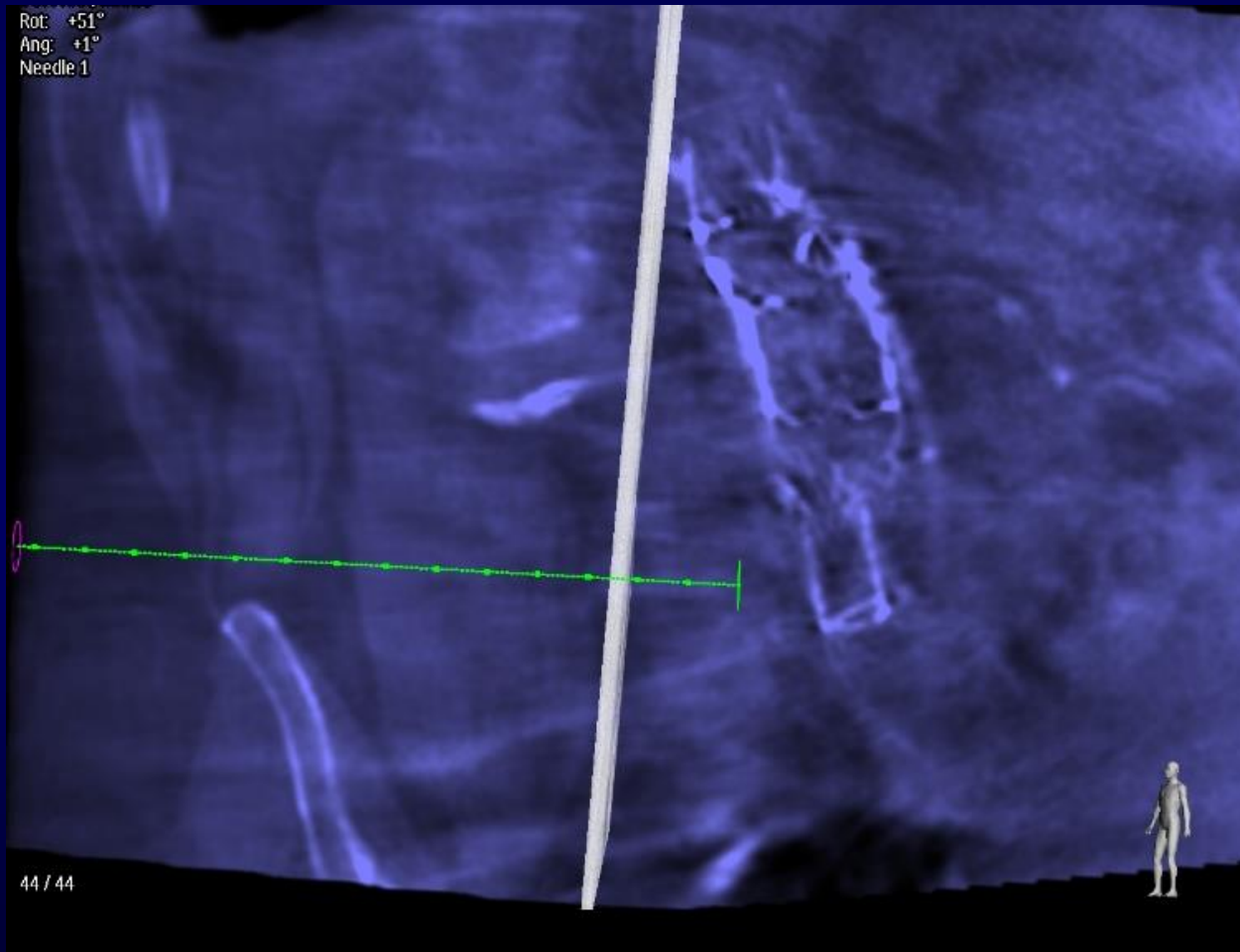
- Wait-and-see
- Catheter-based embolization
- Direct puncture

Case # 4



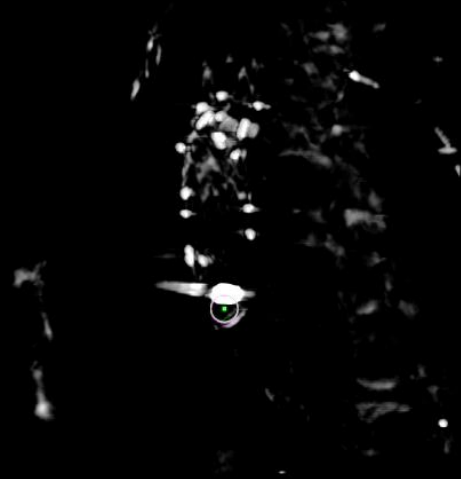
Planning

Case # 4



Case # 4

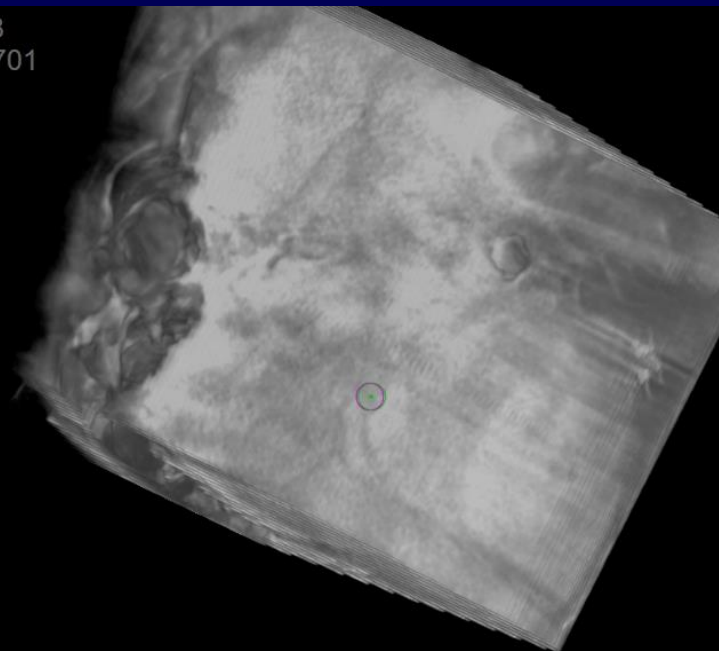
1155798
182358701



Data esame: 19.09.2013
Ora studio: 12:14:49
Ora acquisizione immagine:



1155798
182358701



Data esame: 19.09.2013
Ora studio: 12:14:49
Ora acquisizione immagine:



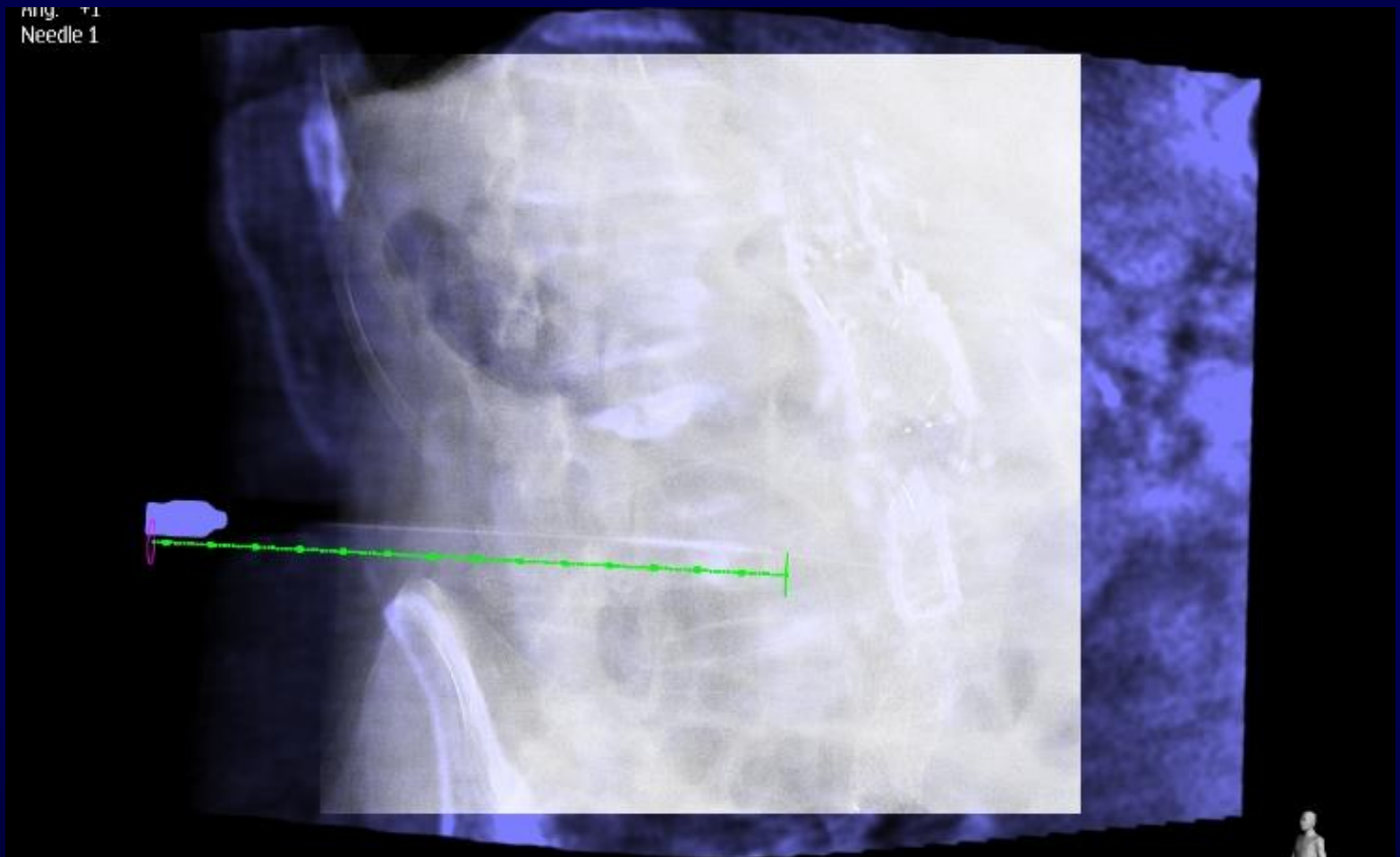
Entry view (bull's eye)

Case # 4



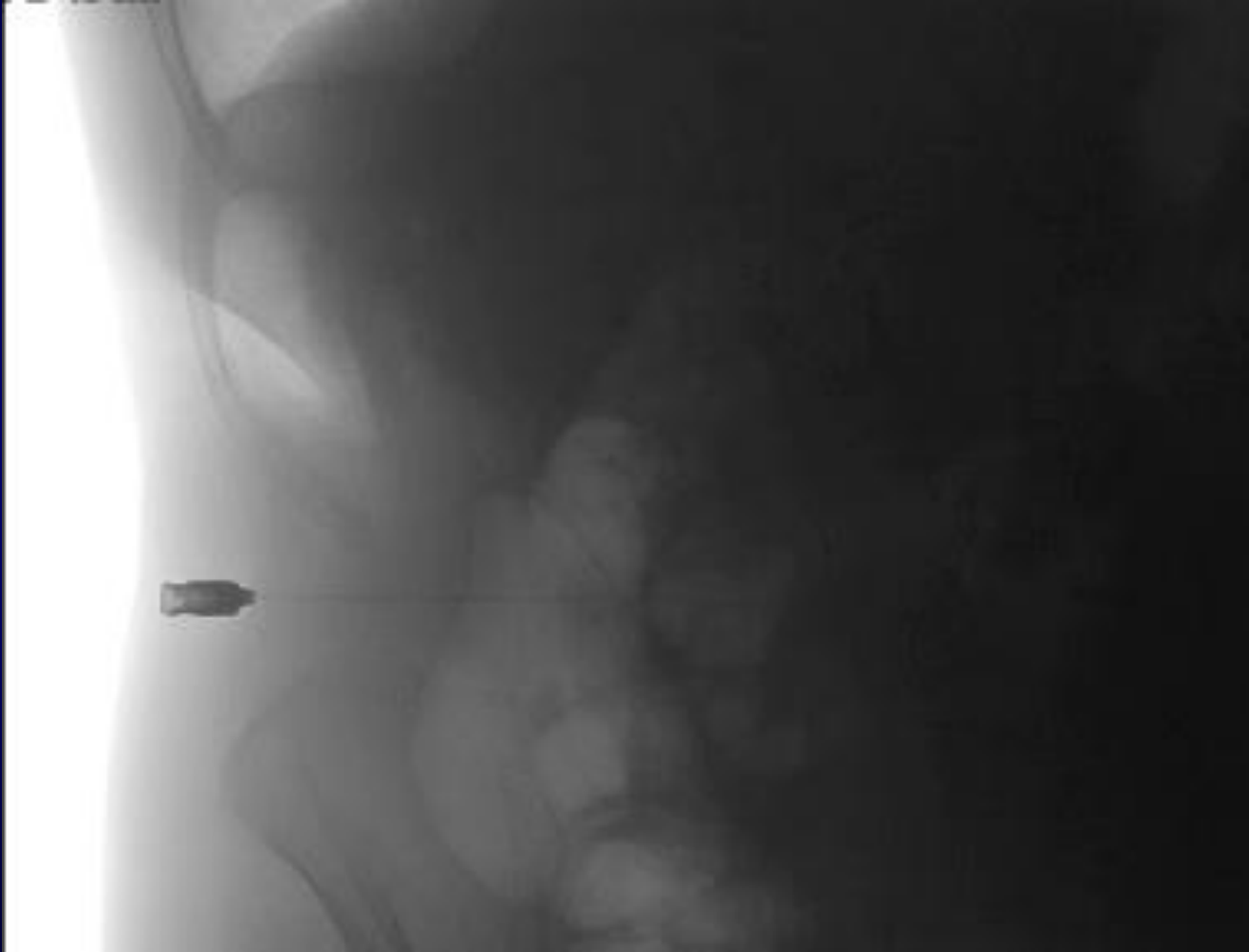
Rotating to 'needle view'

Case # 4

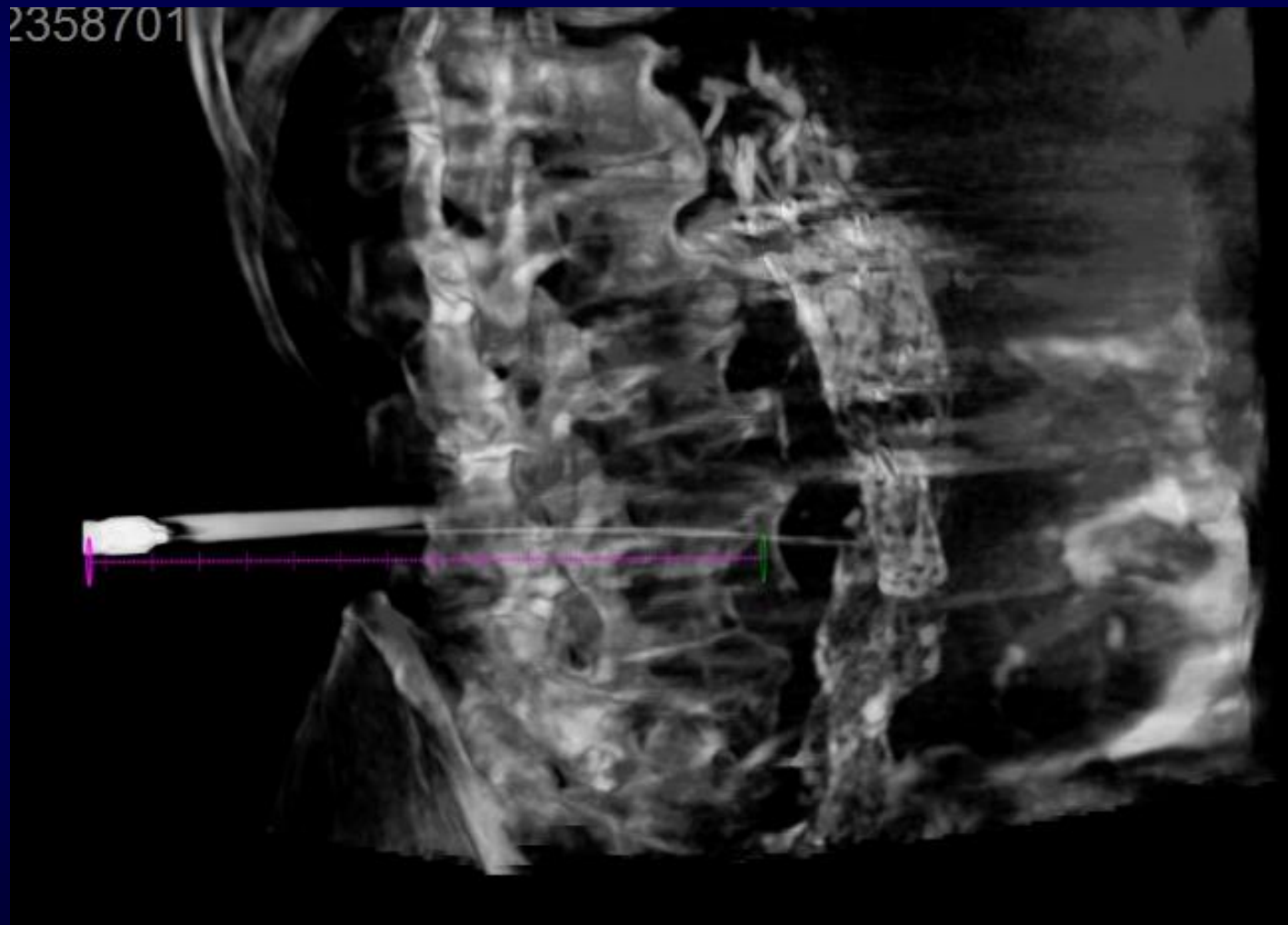


Needle view with merging fluoroscopy/CBCT

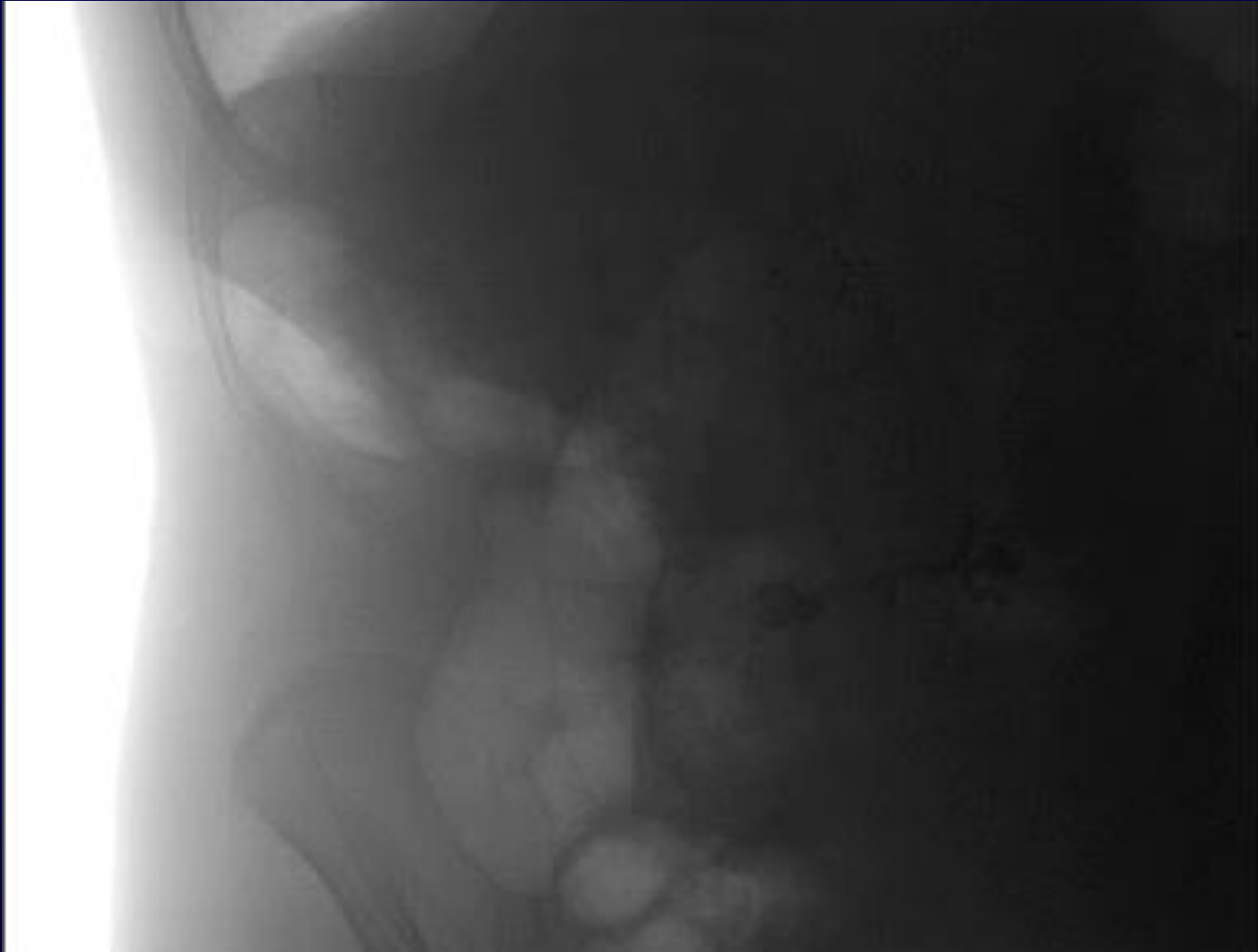
Case # 4



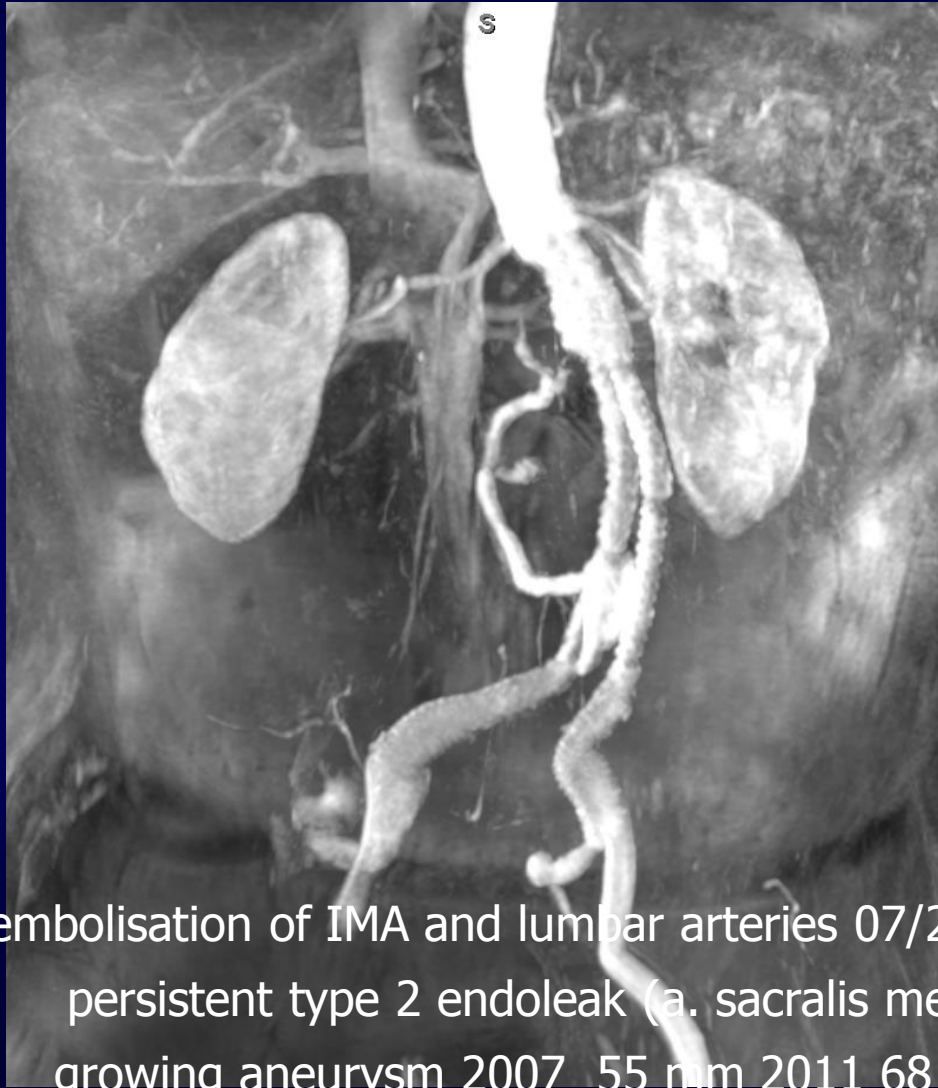
Case # 4



Case # 4

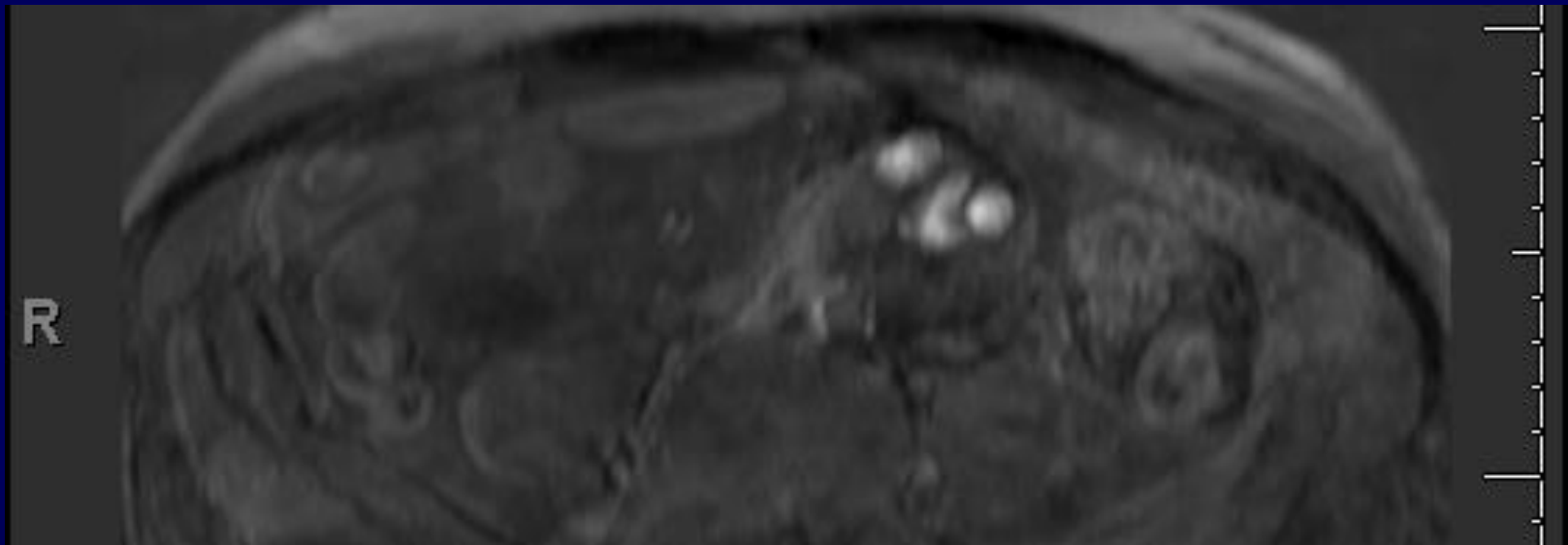


Case # 5



pre-operative embolisation of IMA and lumbar arteries 07/2005 ("St. Elsewhere")
persistent type 2 endoleak (a. sacralis media)
growing aneurysm 2007 55 mm 2011 68 mm

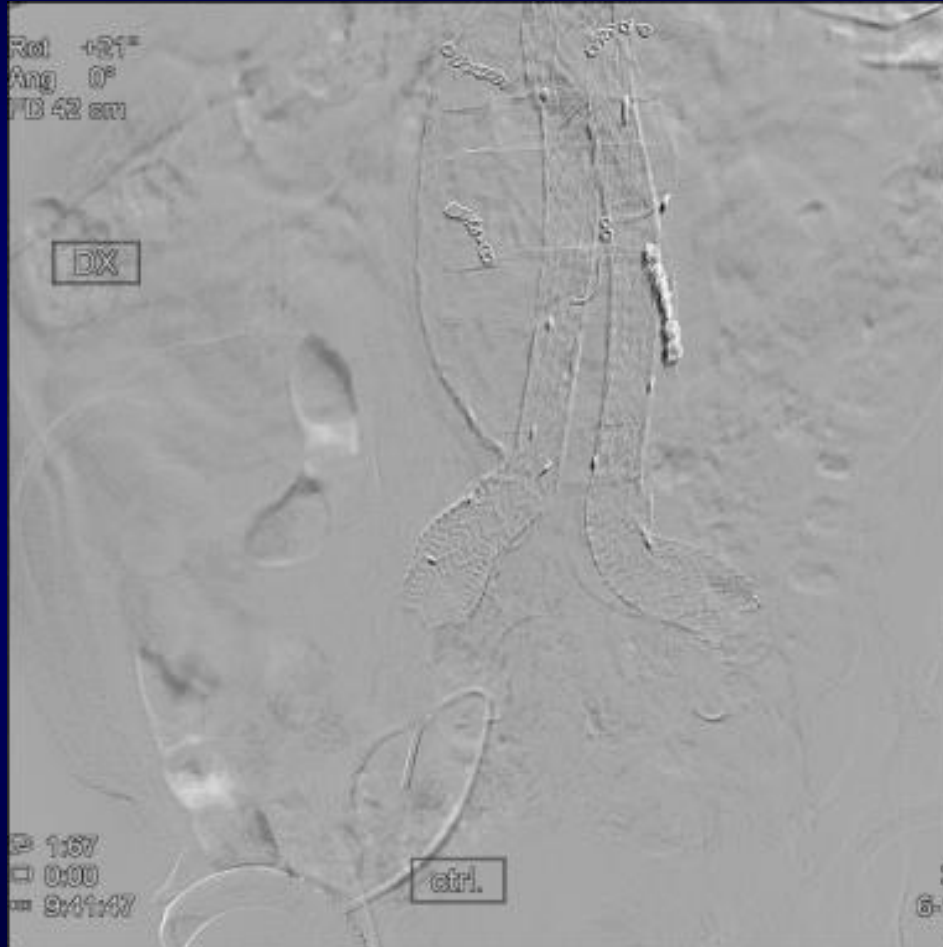
Case # 5



What to do?

- Wait-and-see
- Catheter-based embolization
- Direct puncture

Case # 5



Case # 5



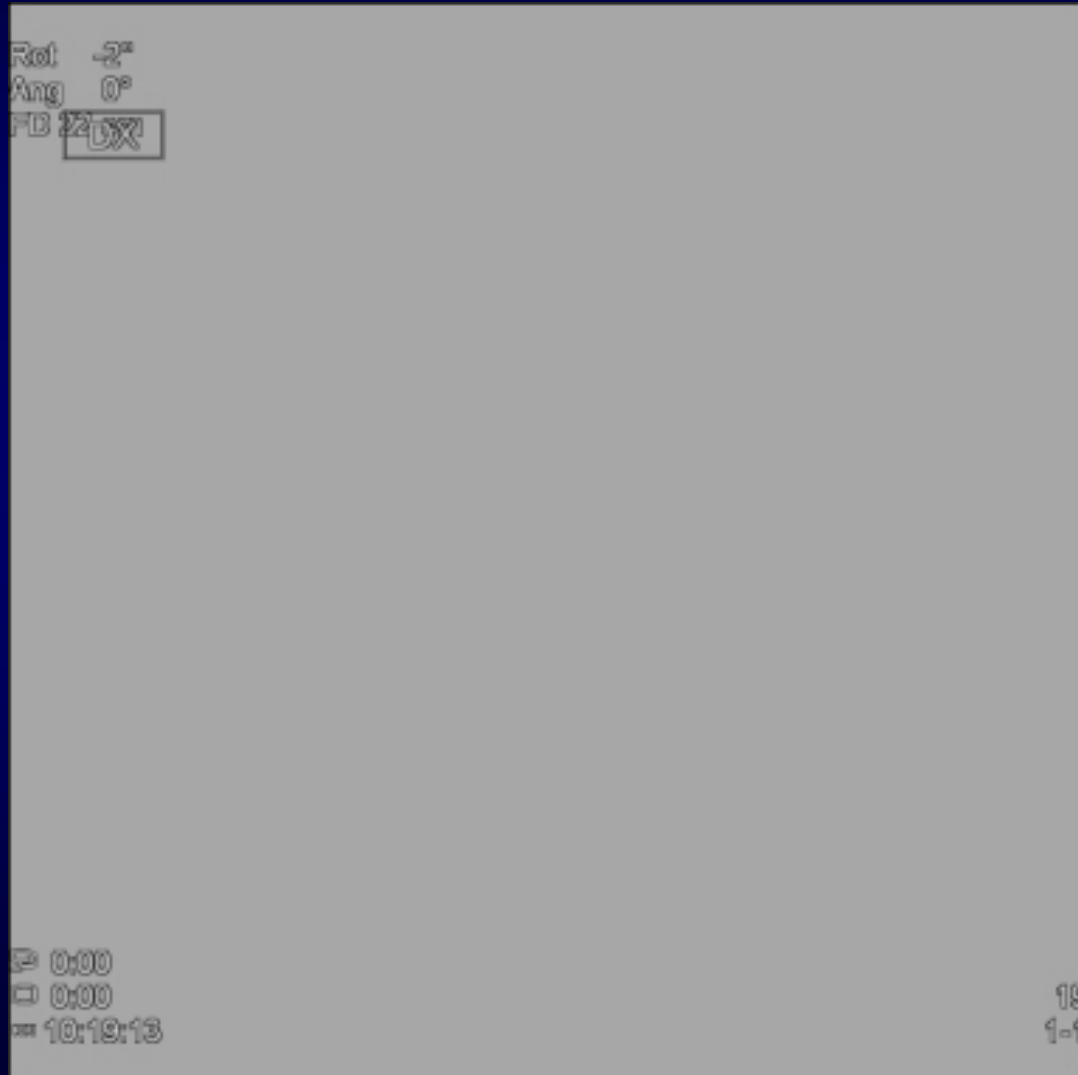
Case # 5



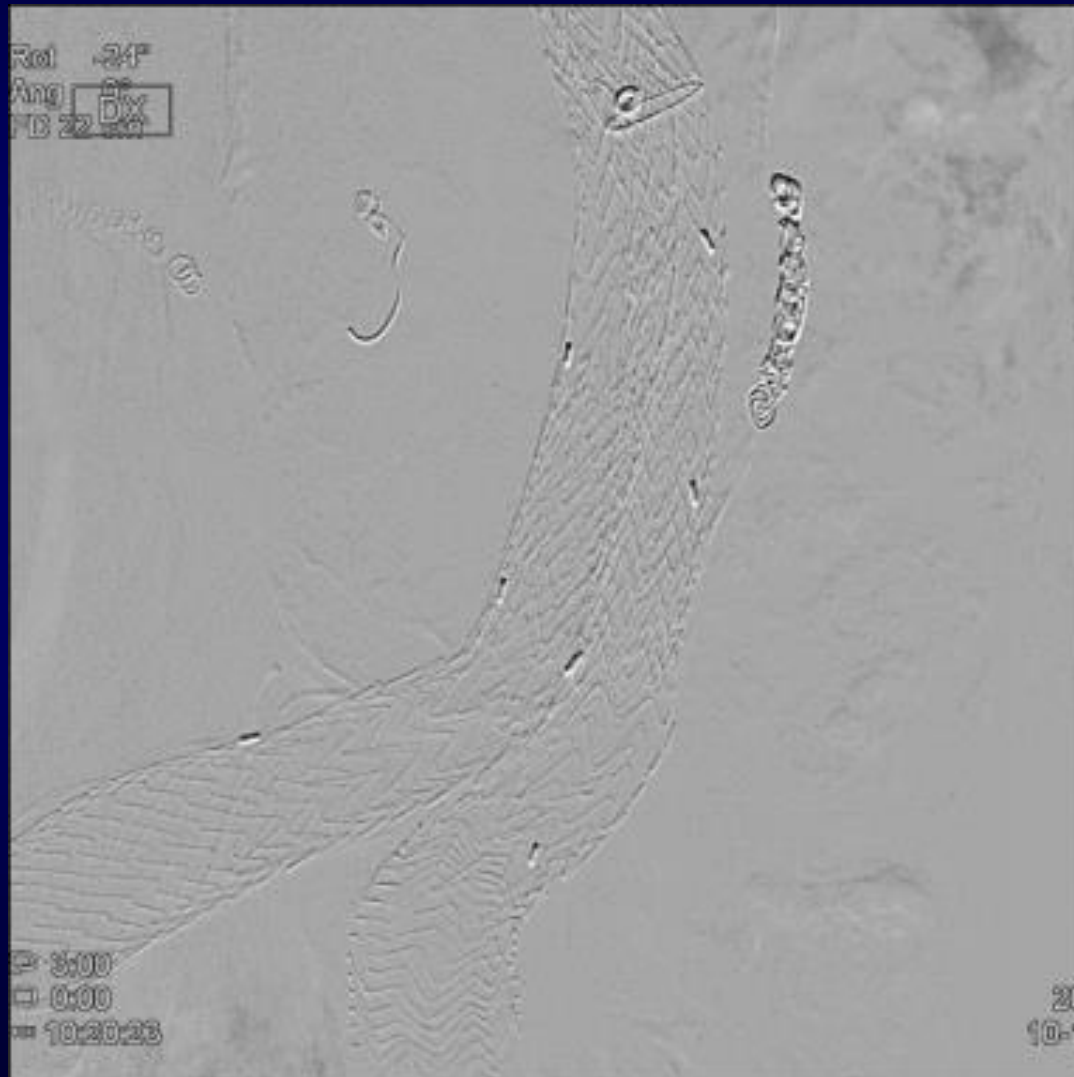
Case # 5



Case # 5



Case # 5



Case # 5



Case # 5



Case # 5

