

THE 24TH INTERNATIONAL EXPERTS SYMPOSIUM

CRITICAL ISSUES

IN AORTIC ENDOGRAFTING

DECEMBER 17 & 18 2021

PULLMAN PARIS BERCY PARIS - FRANCE

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My Coolest CASE: The urgent dissection I can't believe I fixed

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Disclosure

	No, nothing to disclose
X	Yes, please specify:

Company Name	Honoraria/ Expenses	Consulting/ Advisory Board	Funded Research	Royalties/ Patent	Stock Options	Ownership/ Equity Position	Employee	Other (please specify)
Terumo Aortic	X	X						
Medtronic	X	X						

Once Upon
a Time



The Storytelling Card Game

Type B residual Type A
Acute Aortic Dissection

- Chest pain
- Back pain
- Dyspnea

- ♀
- 73 y
- Hypertension
- No cardiological history
- BMI 21.45

21th February
2019

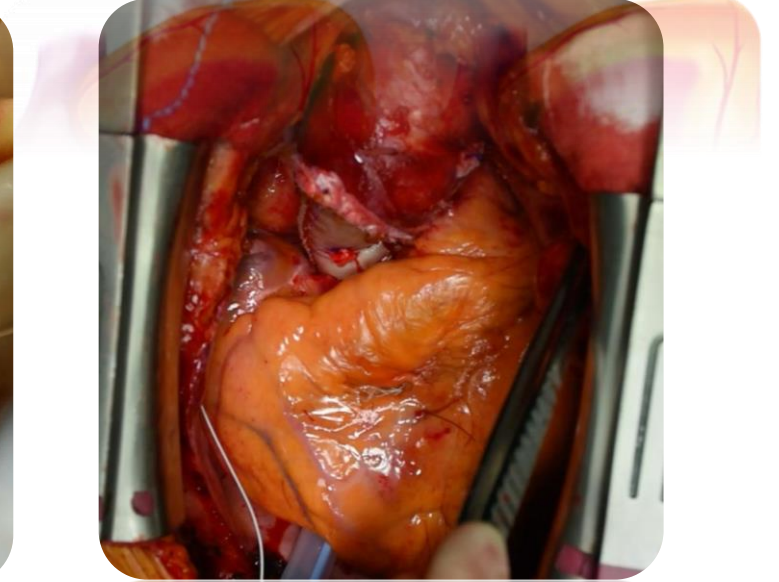
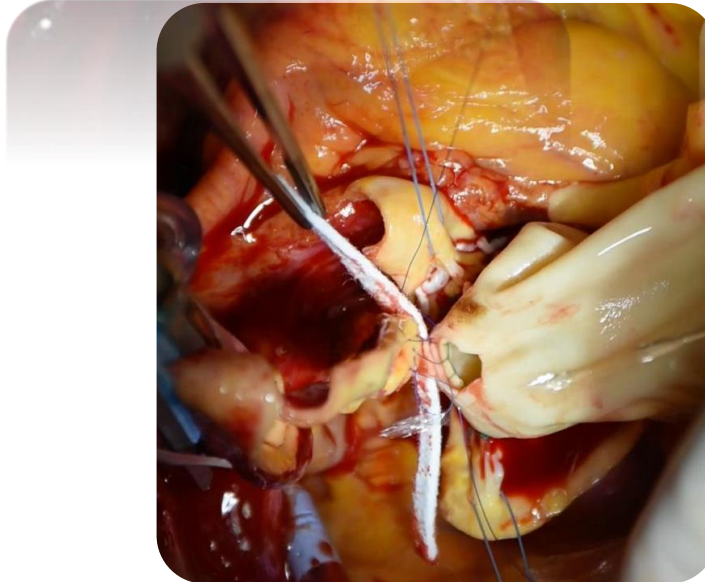
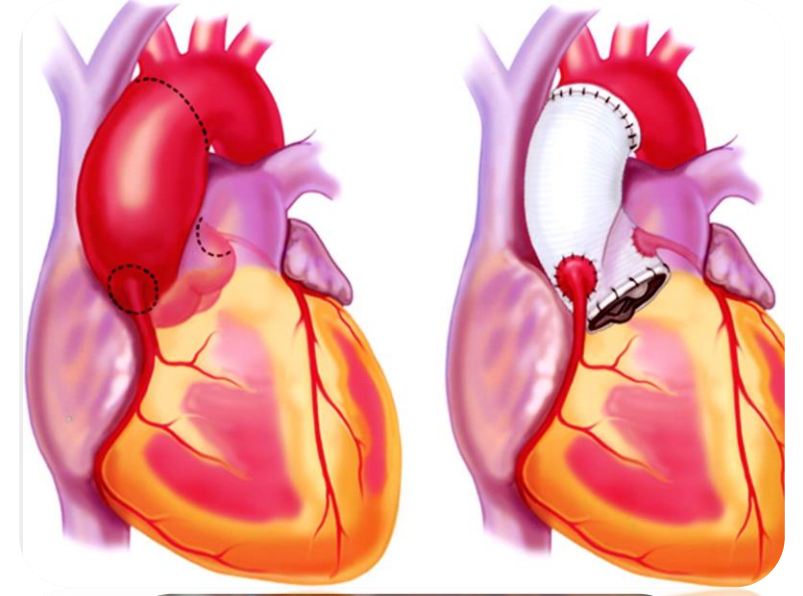
Spoke Hospital CTA

TA AD

Transfer



Type A Acute Aortic Dissection

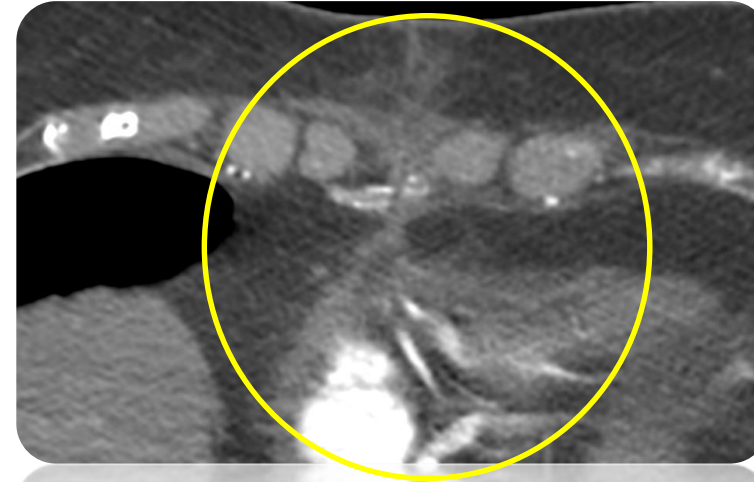


TA AD

- Fever
- Mediastinitis

21th February
2019

4th day p.o.



TA AD

- Fever
- Mediastinitis

- Hypertension
- Thoracic Pain
- Right Hemiplegia & Aphasia

21th February
2019

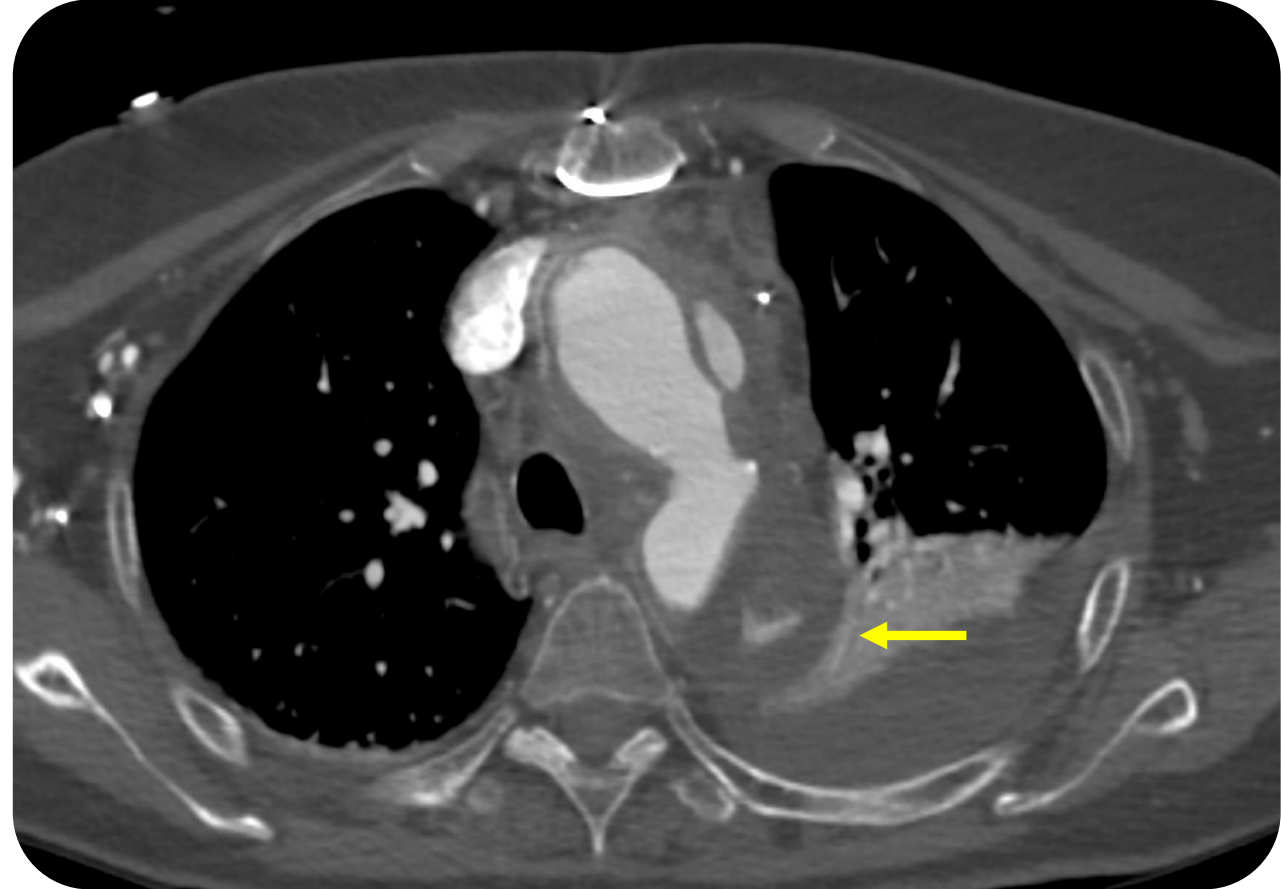
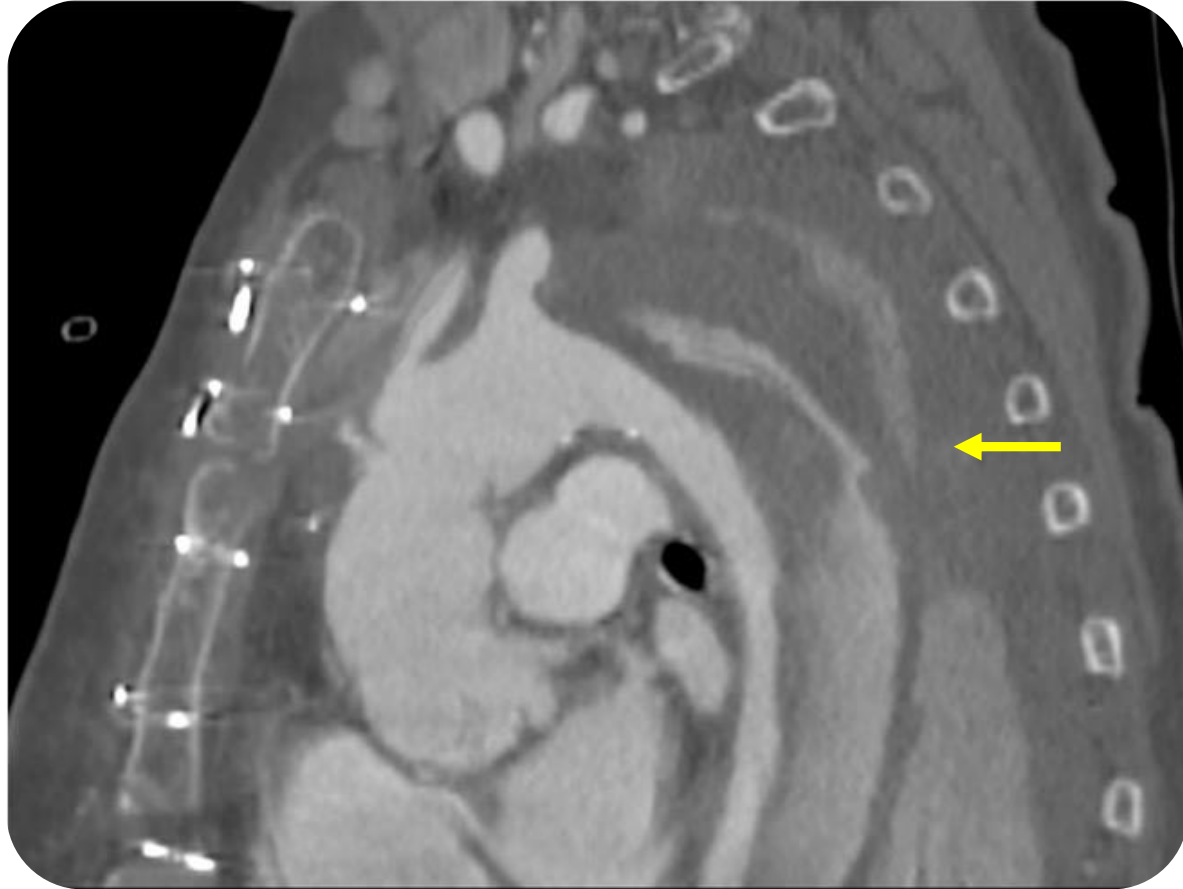
4th day p.o.

12th day p.o.

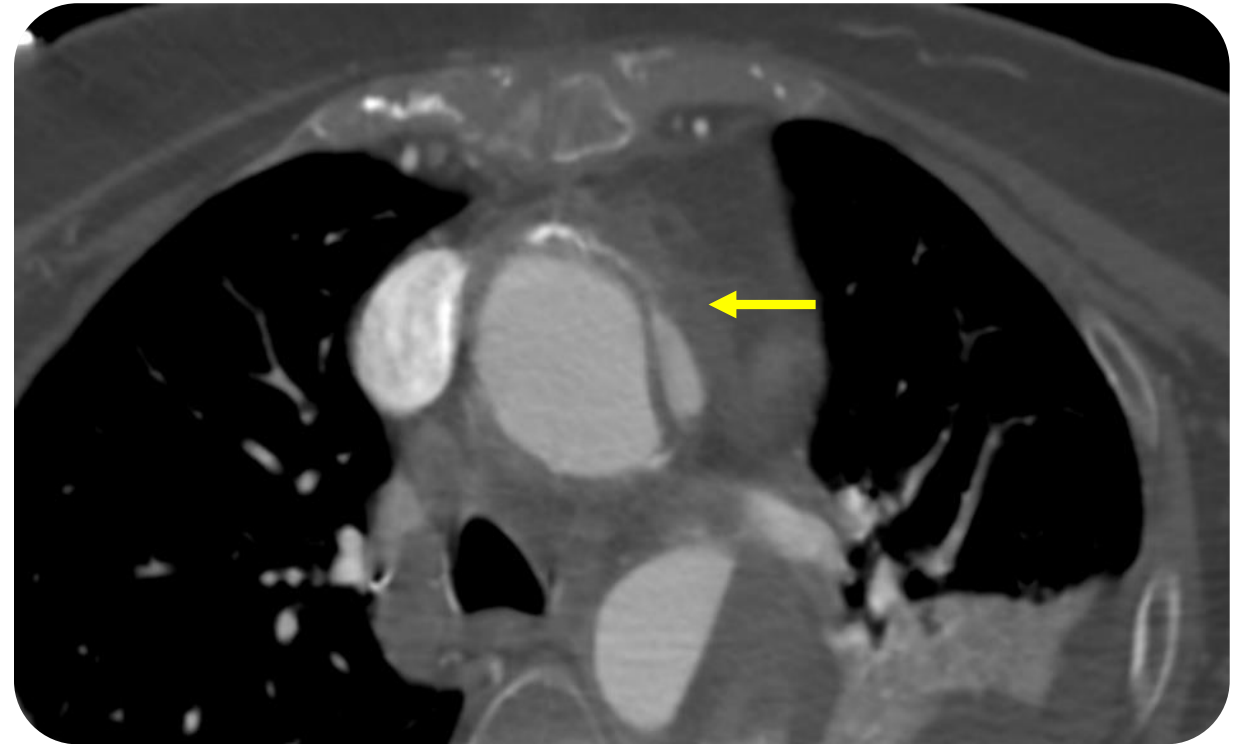
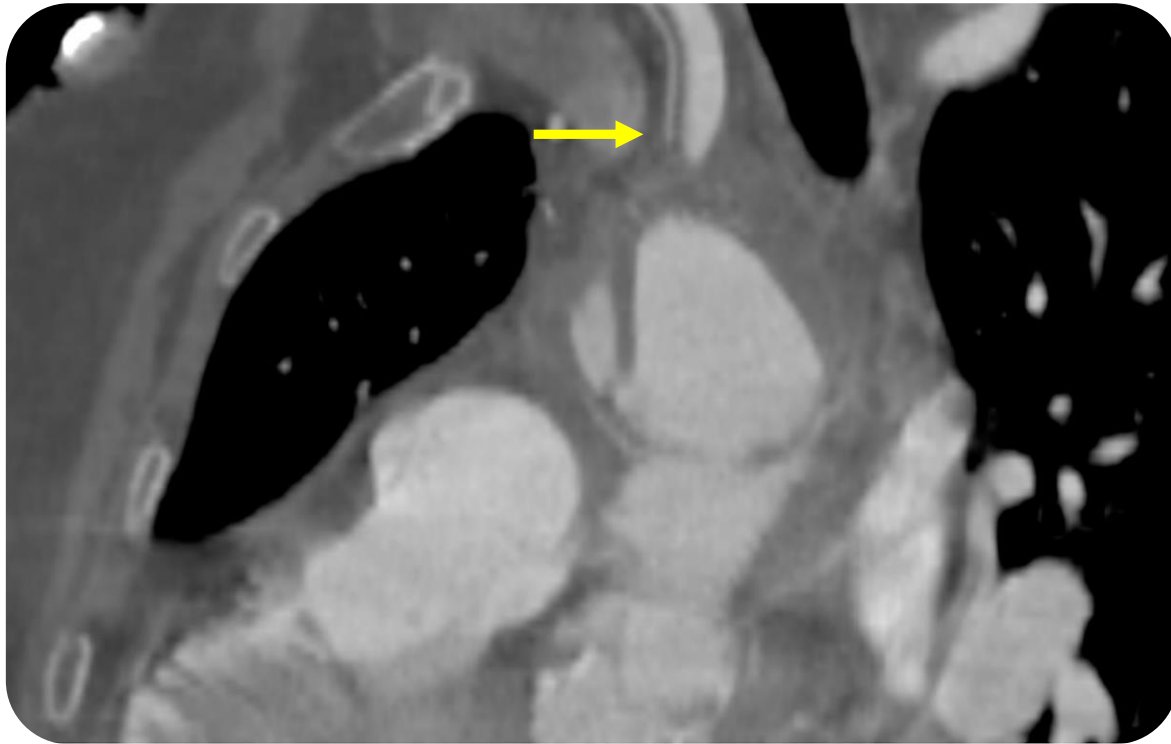


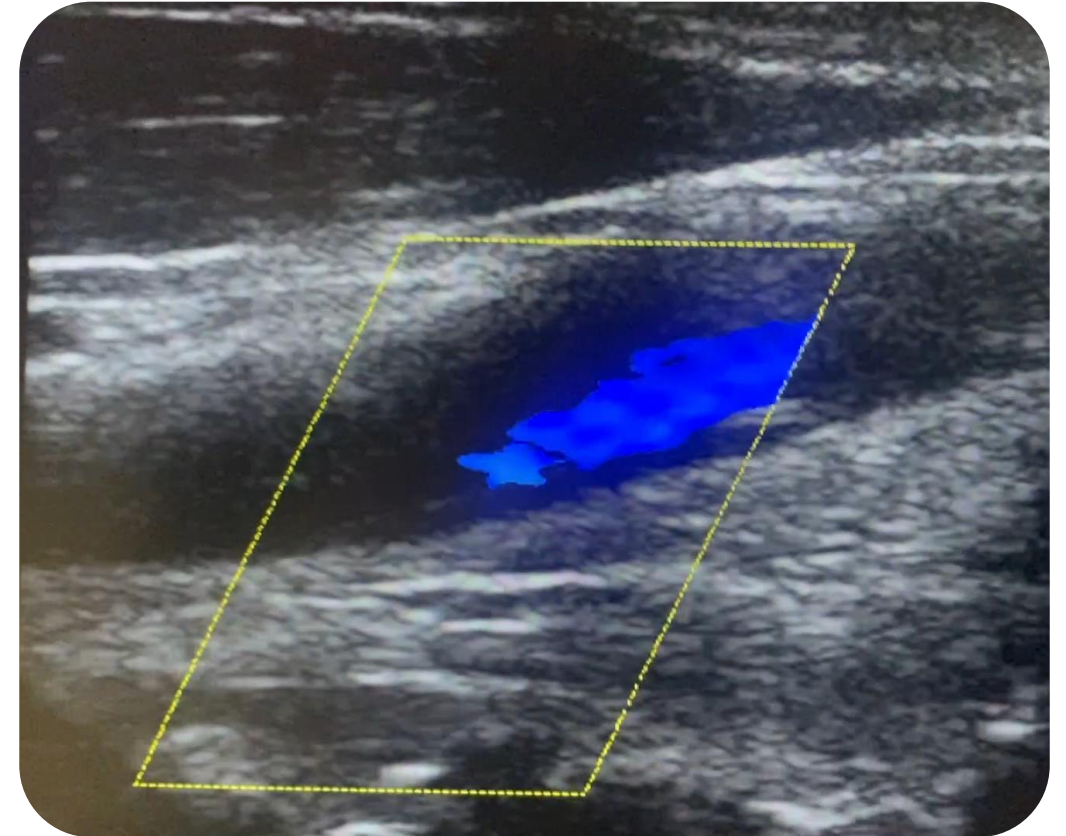
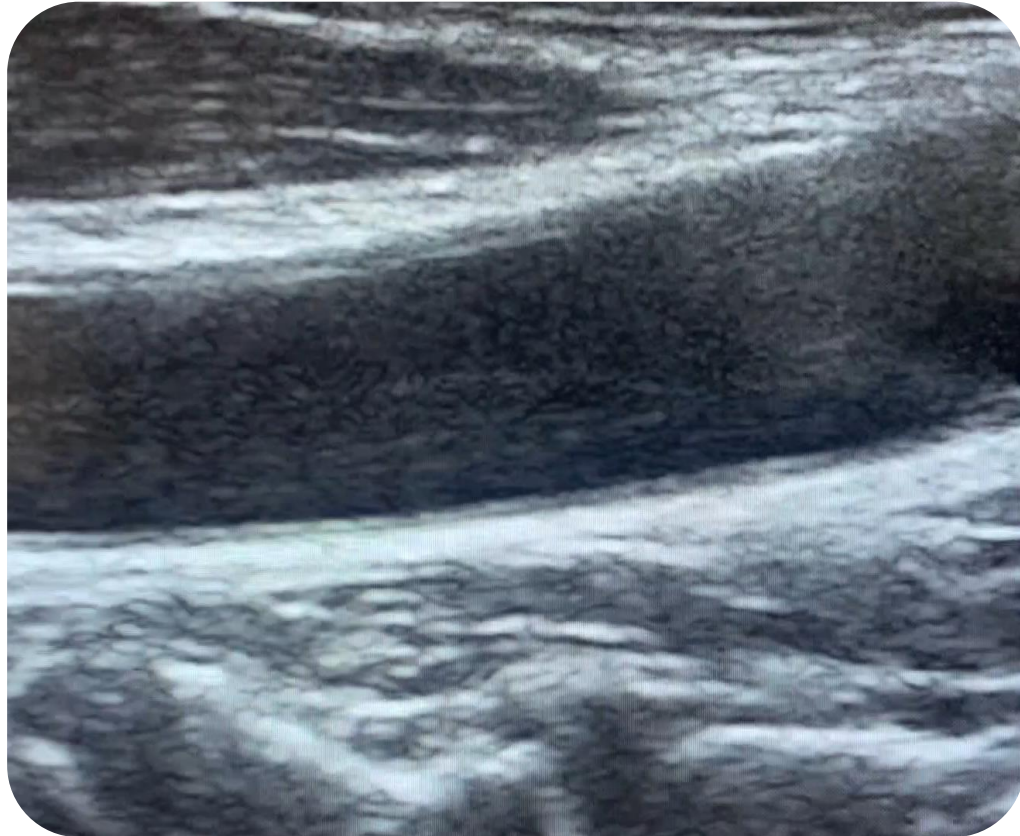


False Lumen Rupture T4

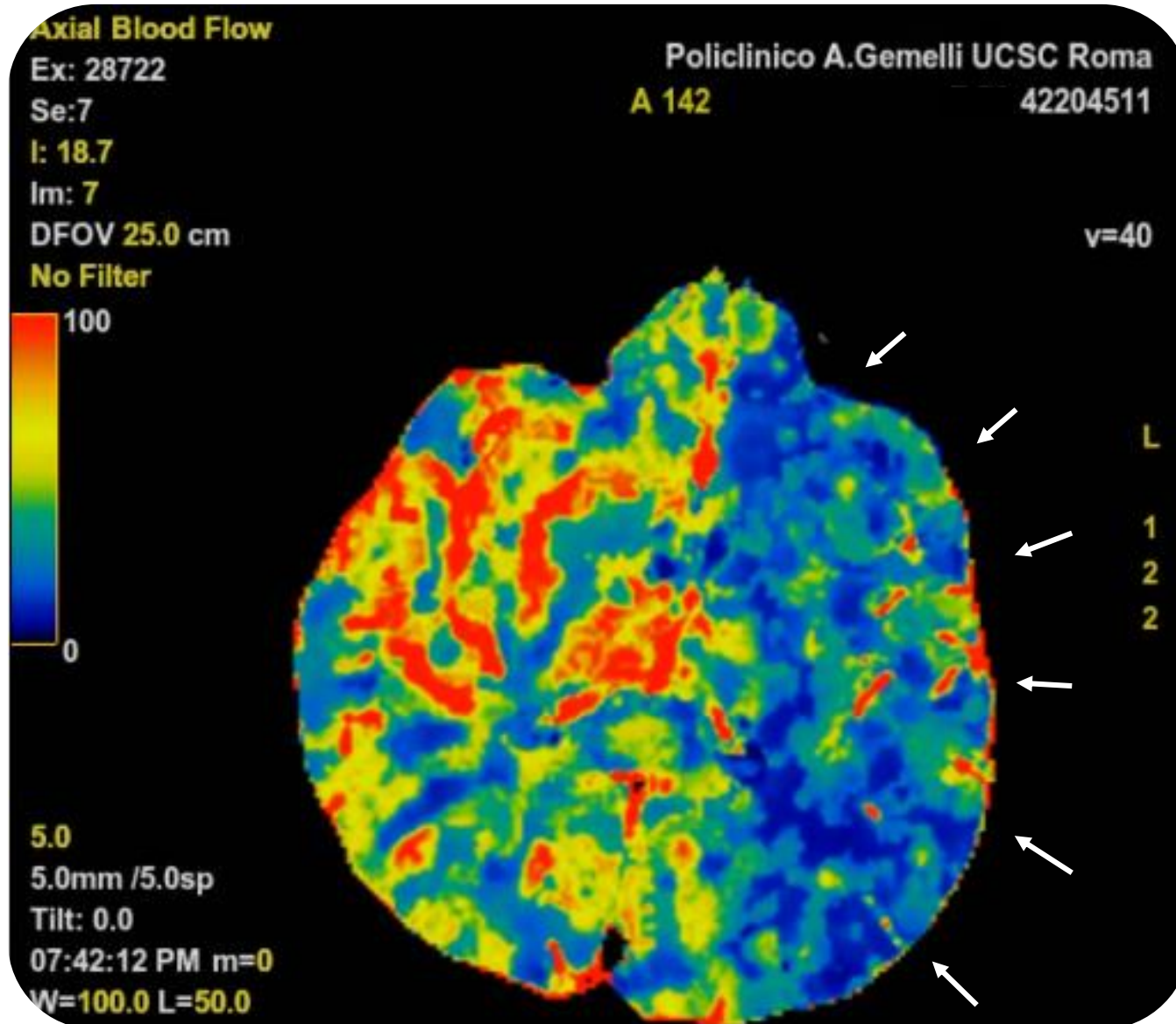


LCCA dynamic malperfusion





Proximal Left Common Carotid Artery Dissection

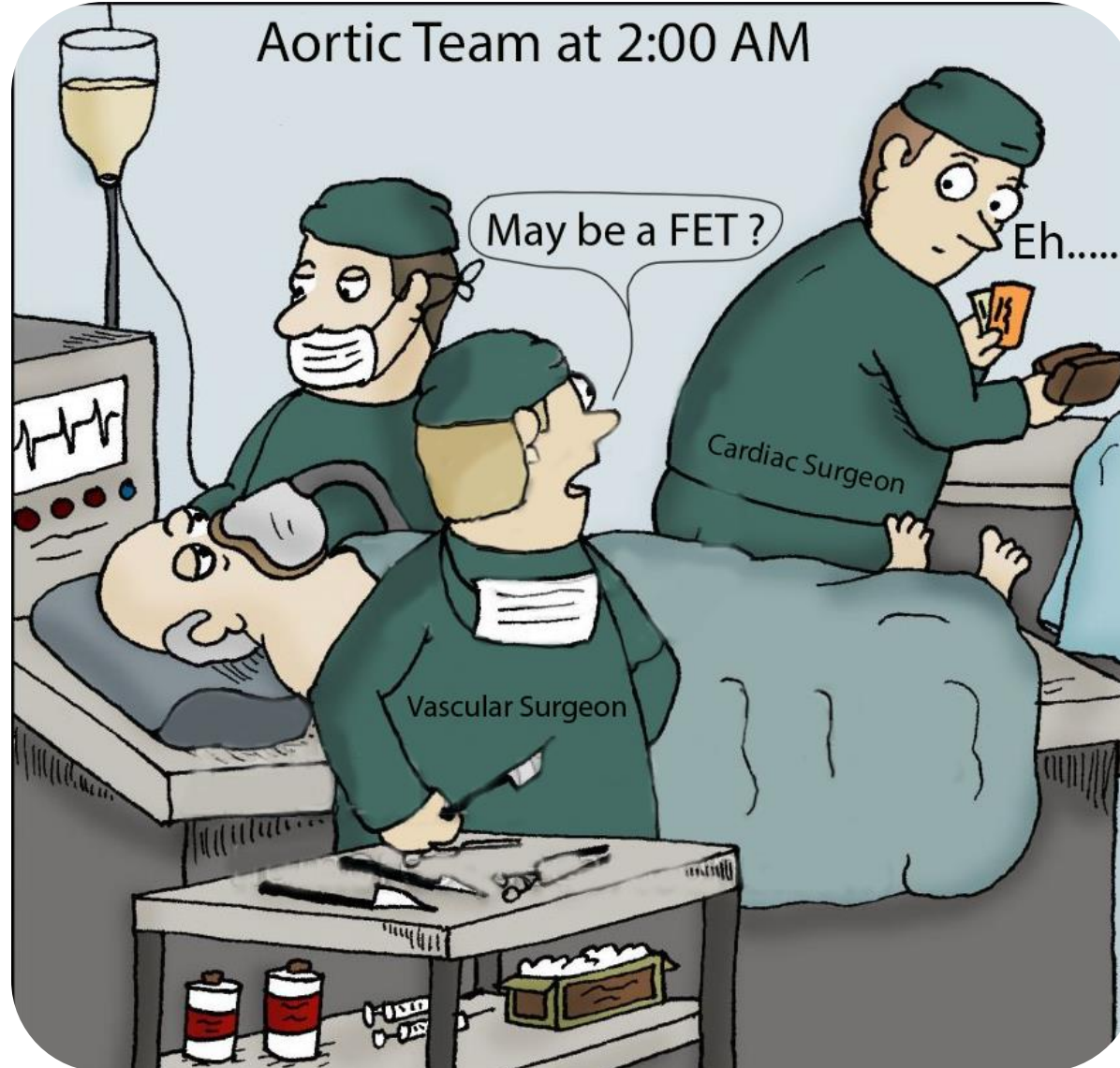


Brain CT-perfusion



FL Partial Thrombosis
Pressured

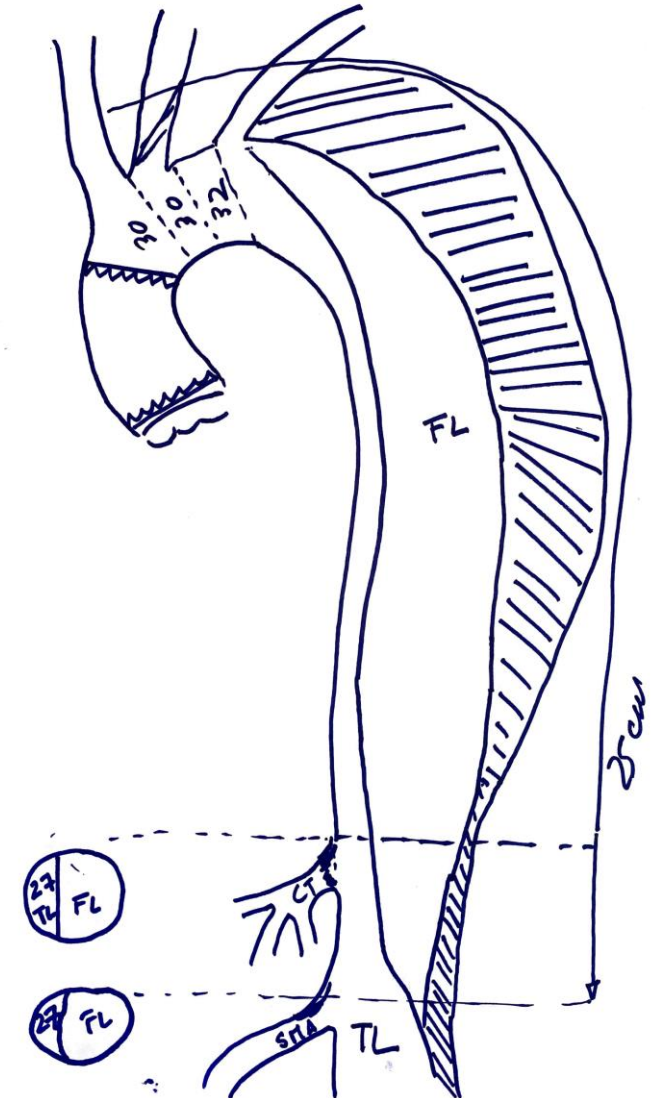




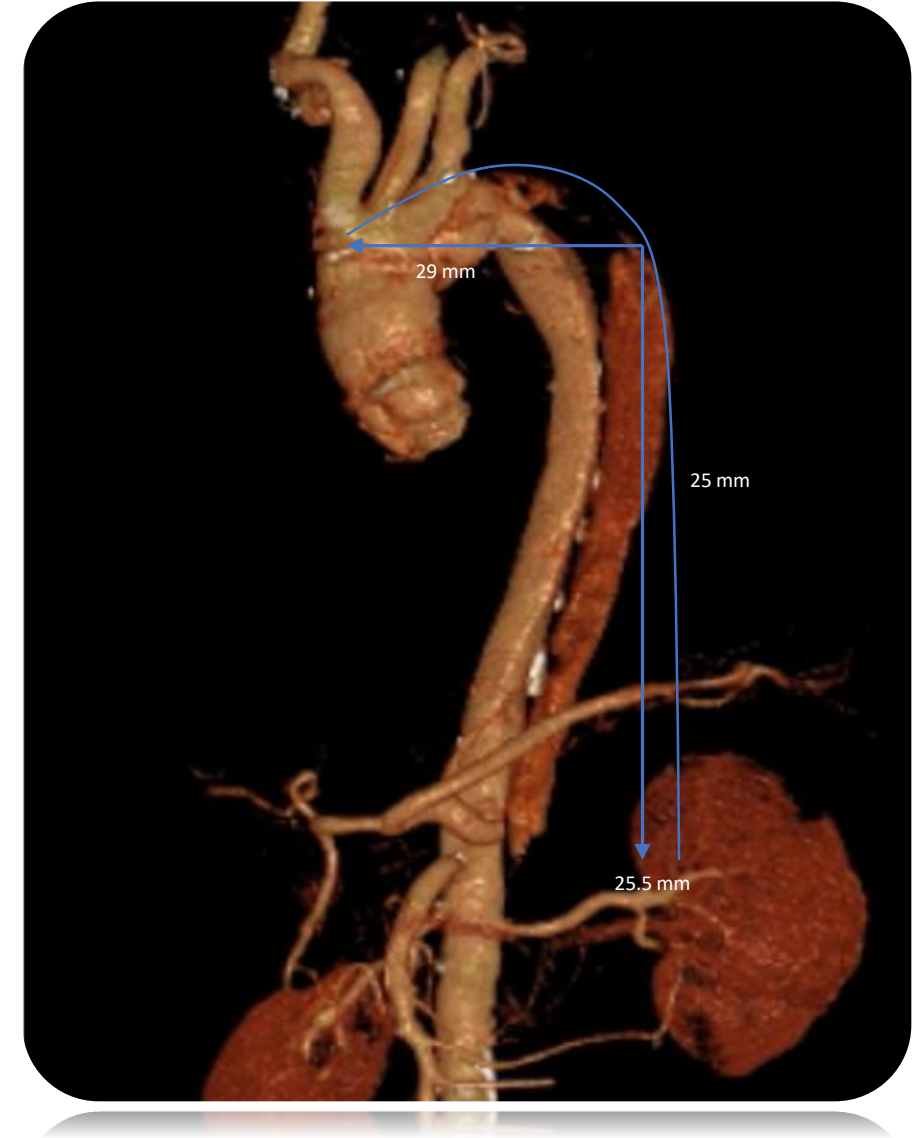
Aortic
Gemelli  **Team**

Debranching-TEVAR

- car-car-subc bypass → LCCA Malperfusion
- TEVAR Zone 1



- Gore[®] cTag
 - 28-150 (zone 3-4)
 - 28-100 (zone 5)
 - 34-150 (zone 1-2)
- Amplatzer Plug II in LSA

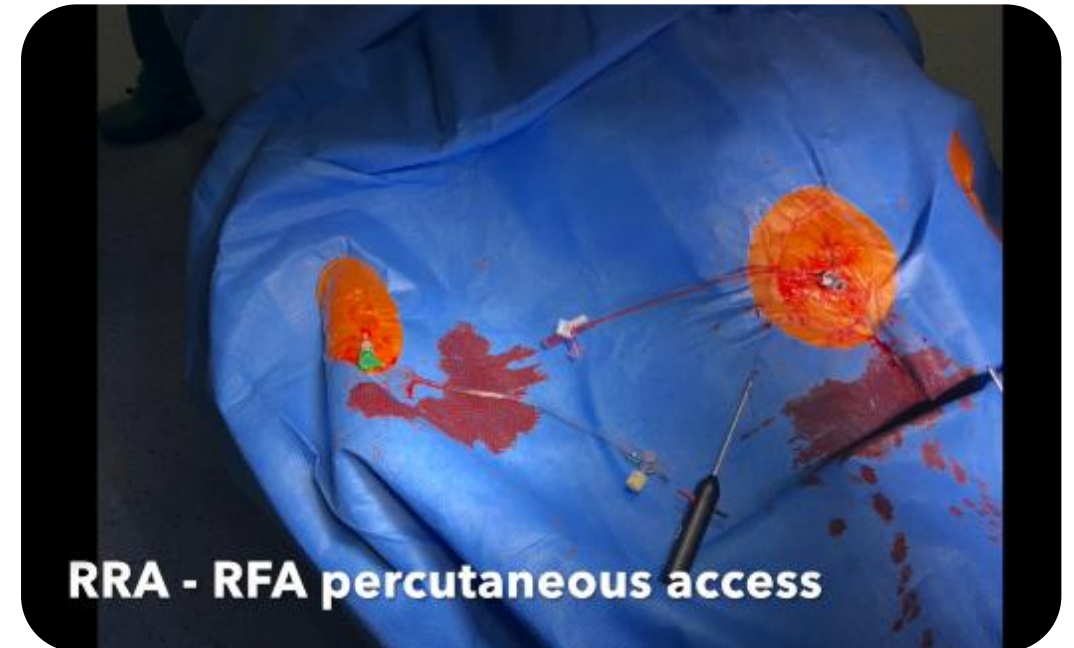


Hybrid Room Urgent Setting



Intraoperative setting

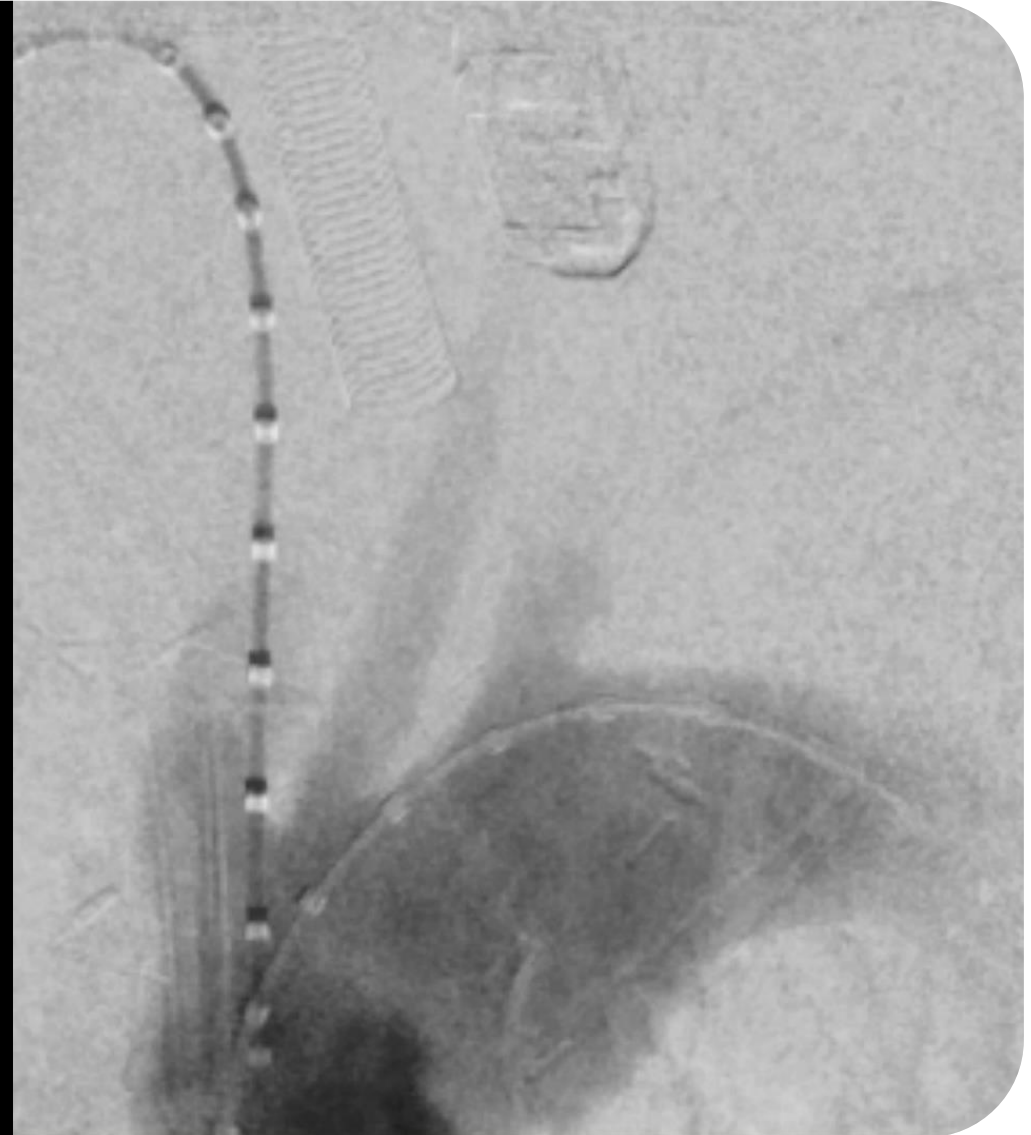
- General anaesthesia
- TEE (Transoesophageal echocardiogram)
- Rapid Pacing
- Cerebral oximetry
- No liquor drainage
- Percutaneous access



RRA - RFA percutaneous access



Cerebral oximetry Anesthesia
INVOS





BEFORE

Debranching



AFTER

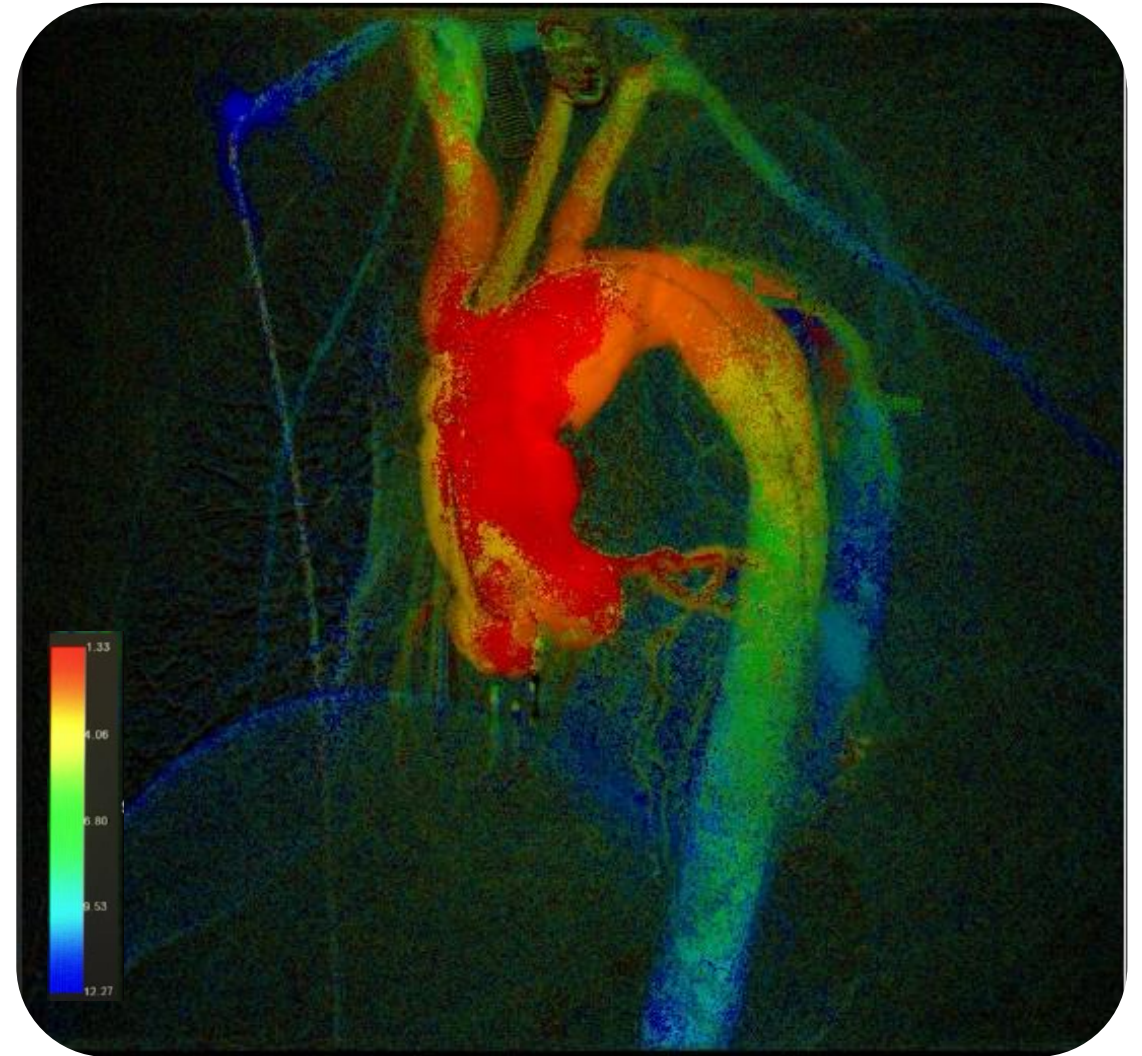
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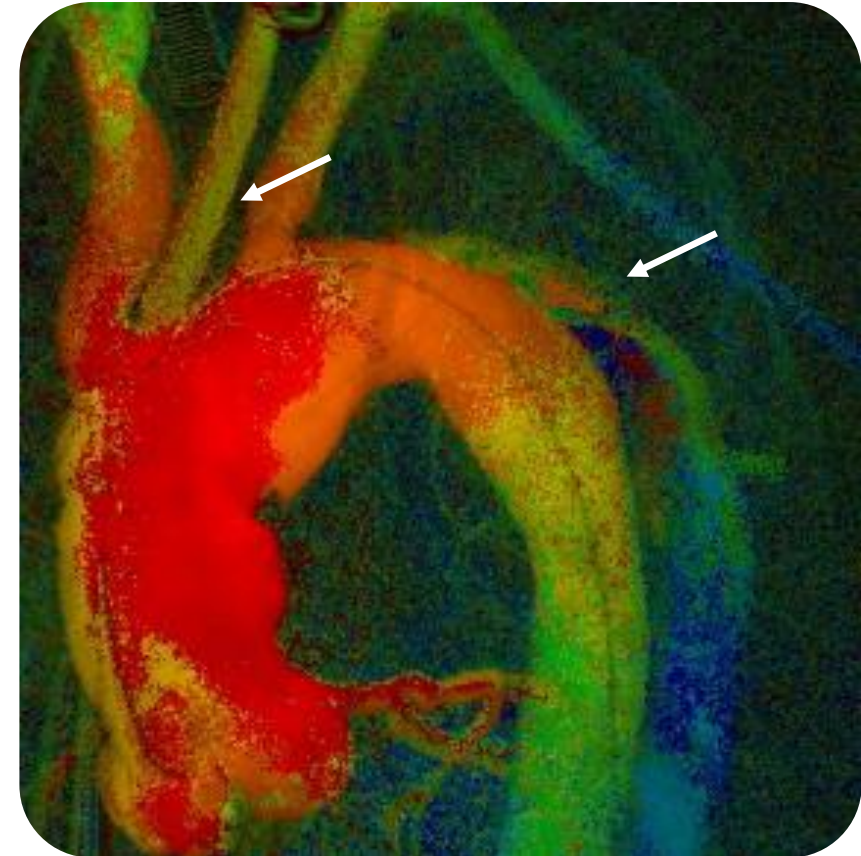
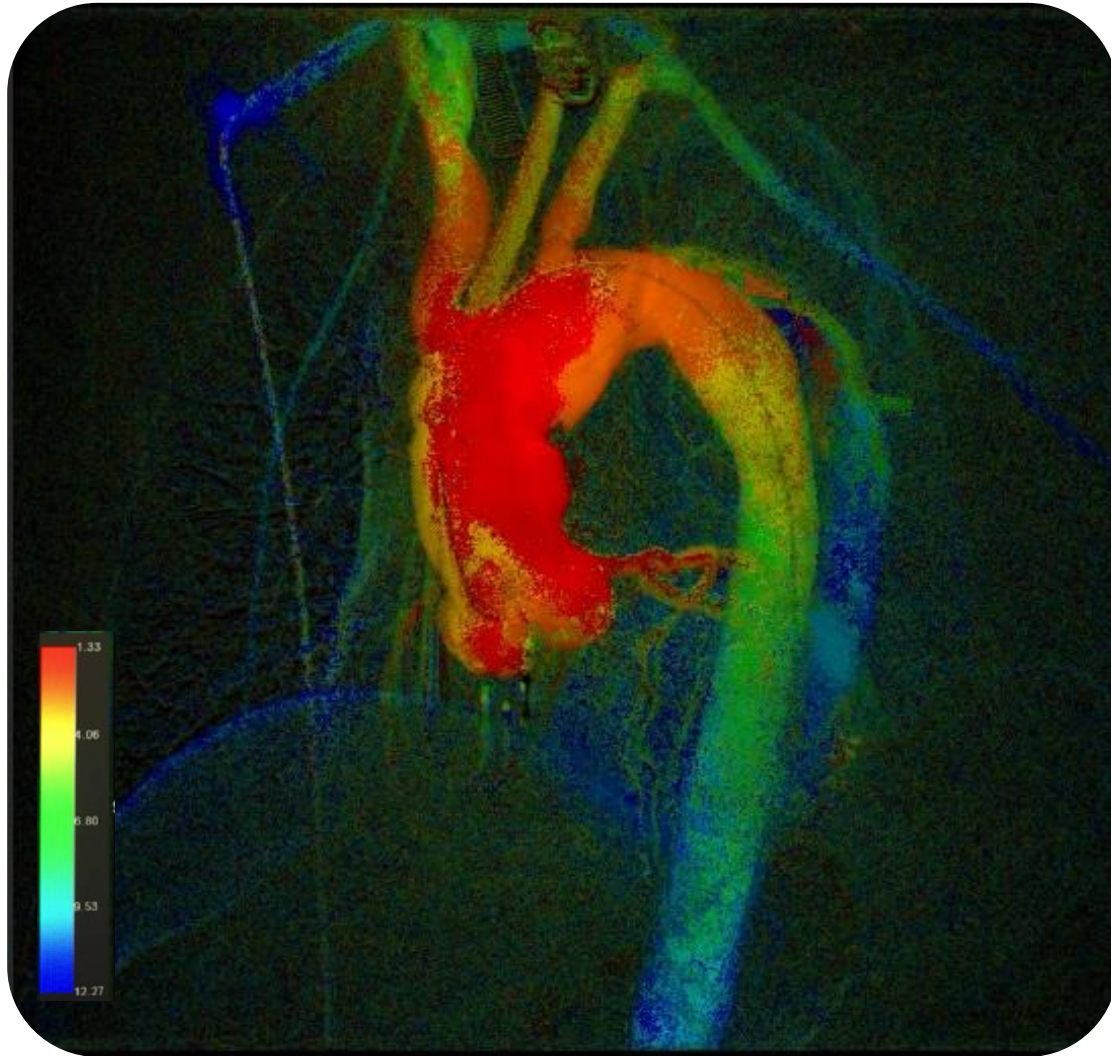


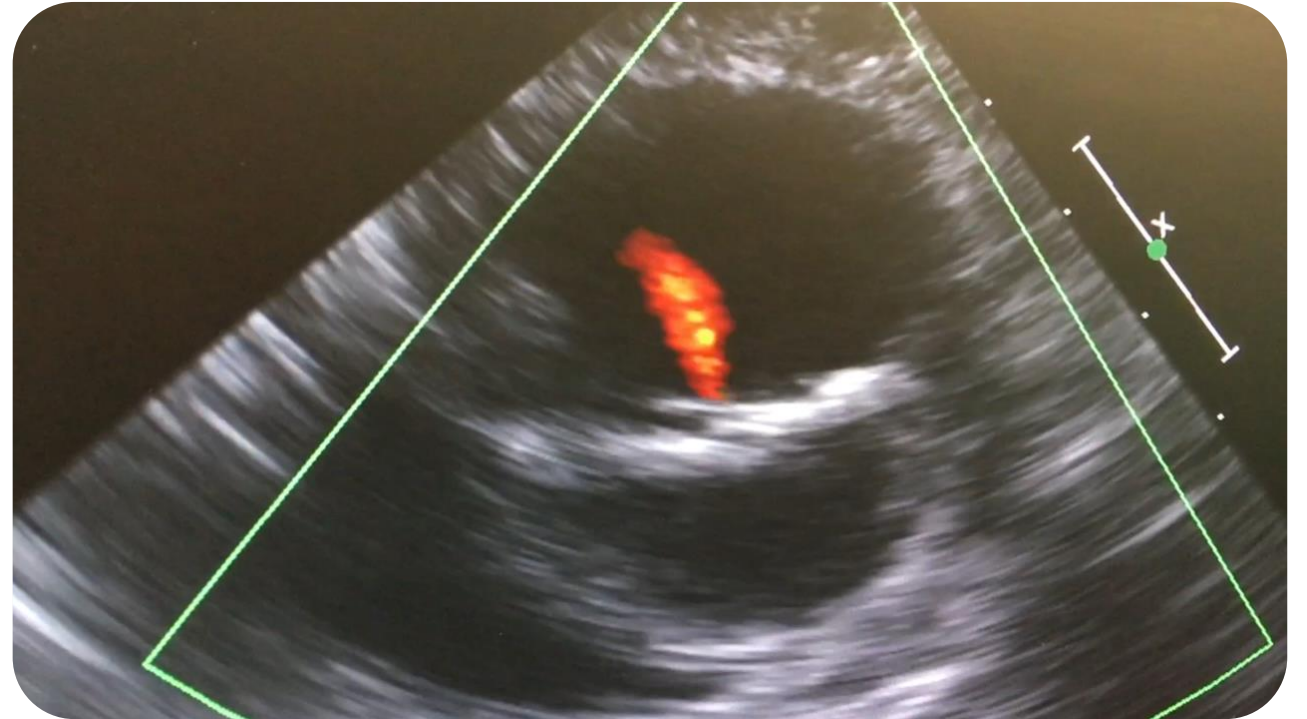
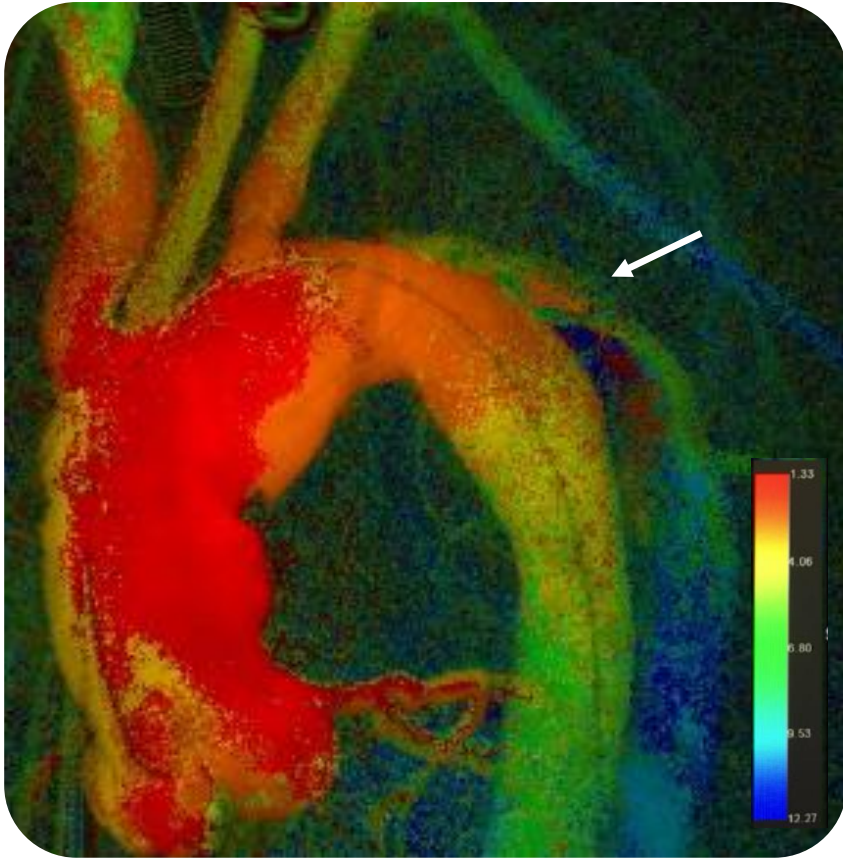


DSA



Quantitative digital subtraction angiography





Unstable Hemodynamic Condition



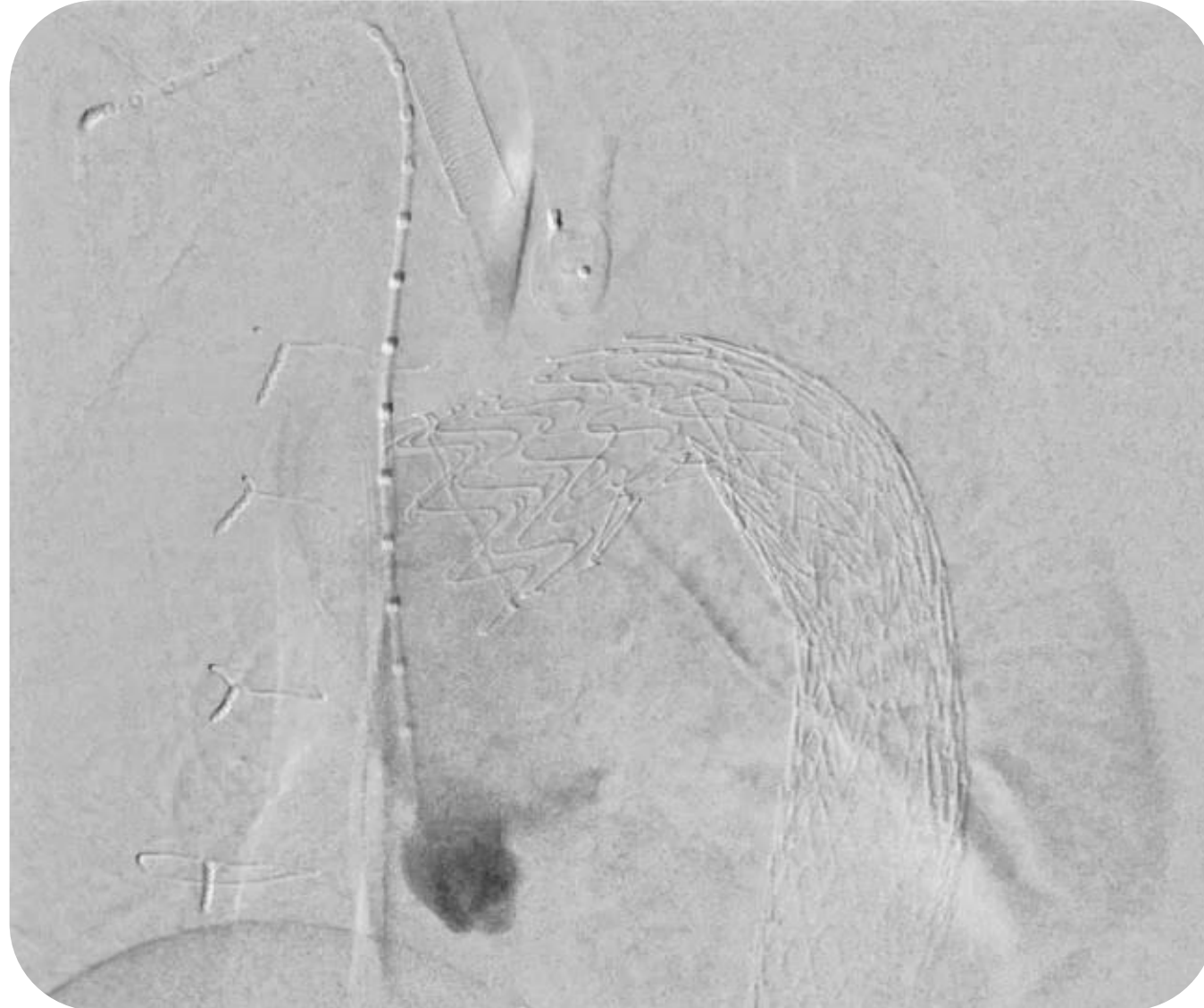
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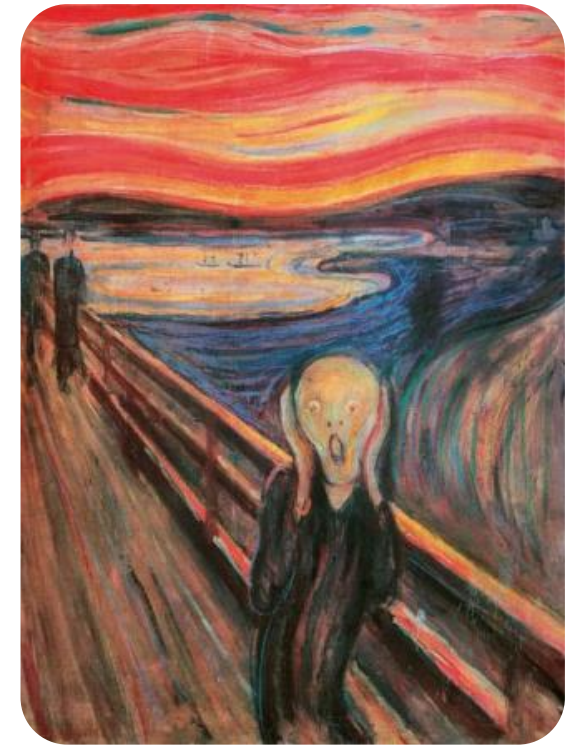
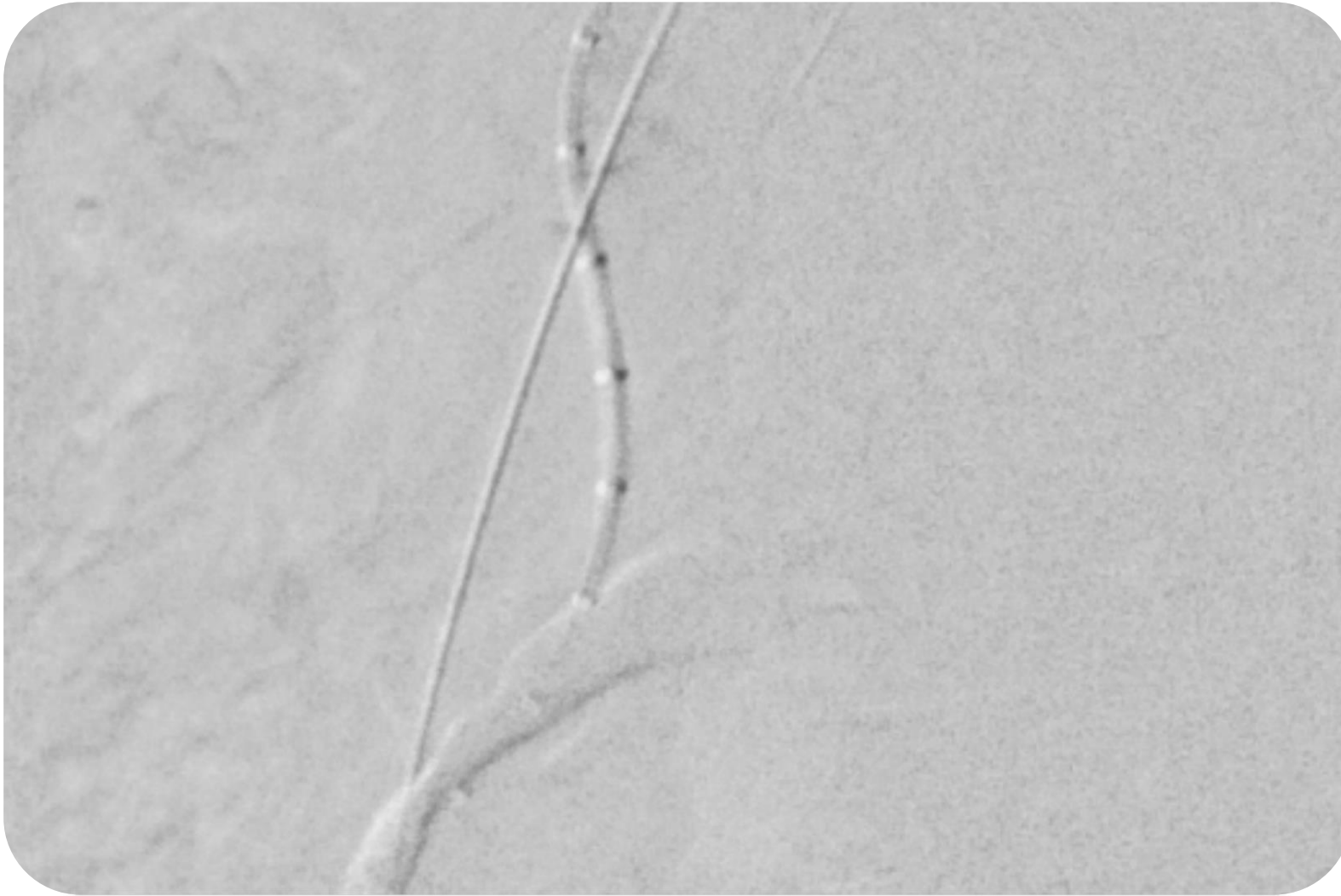
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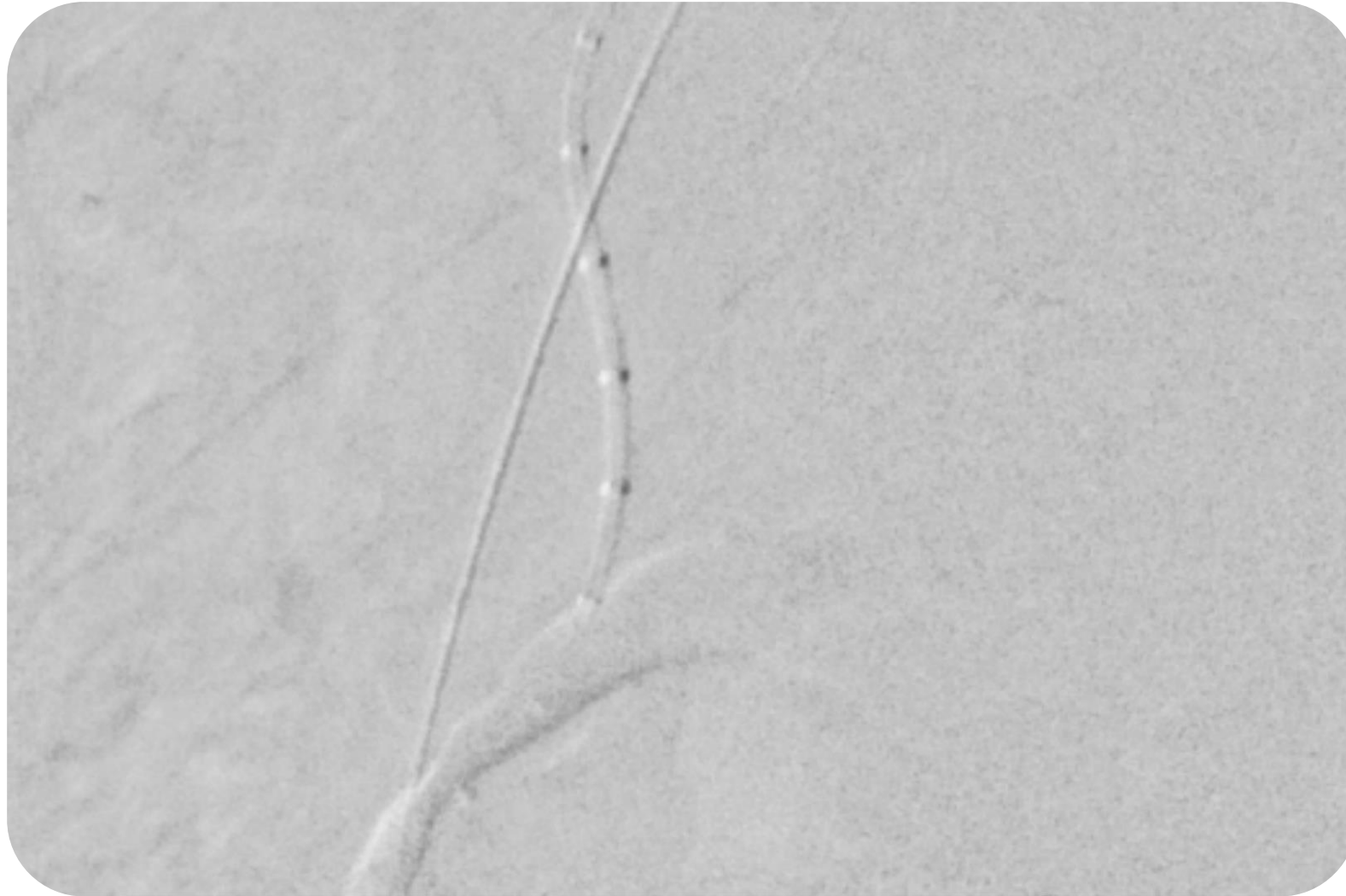
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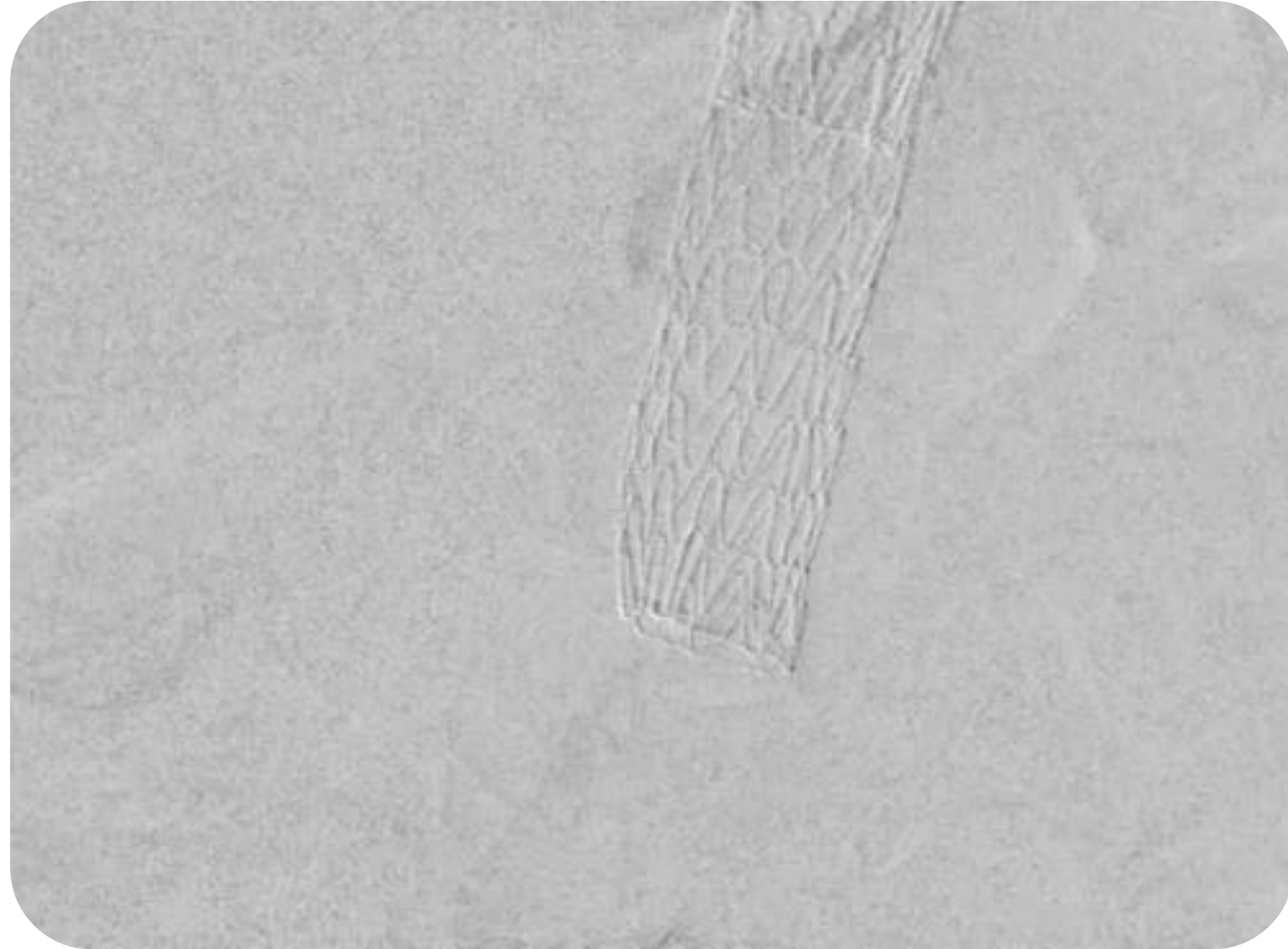


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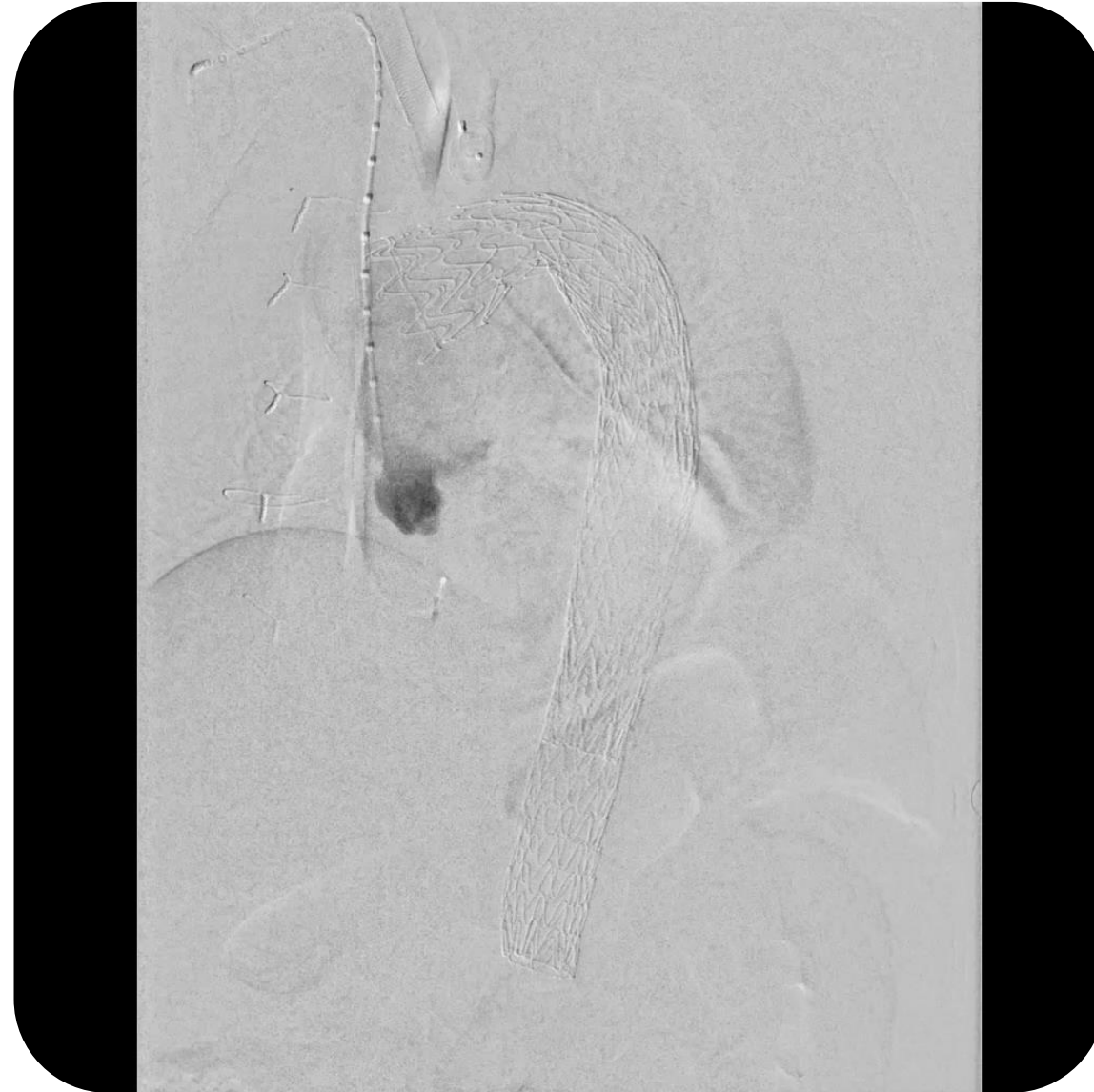
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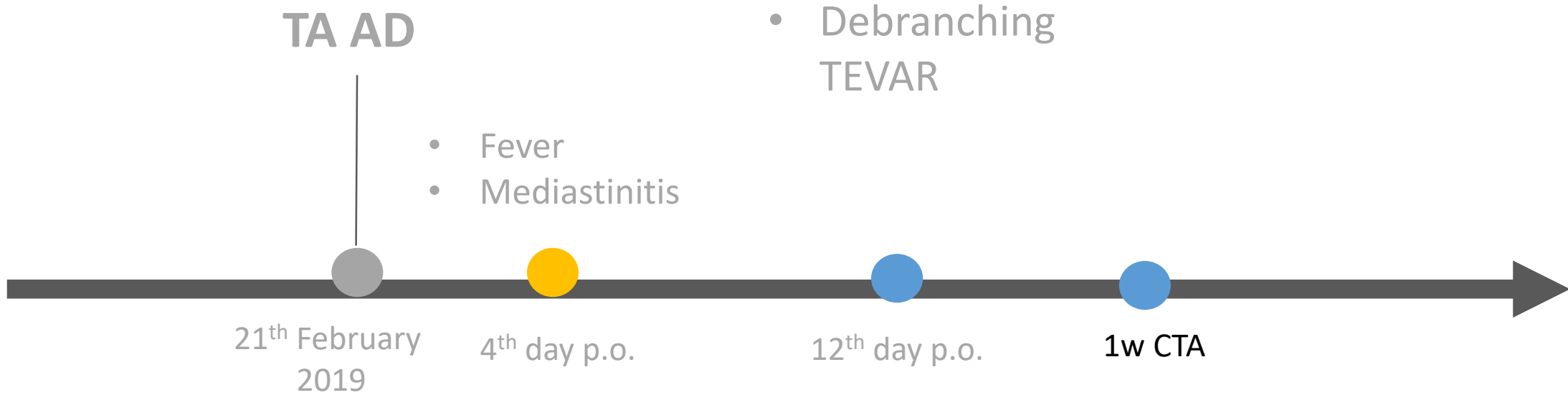


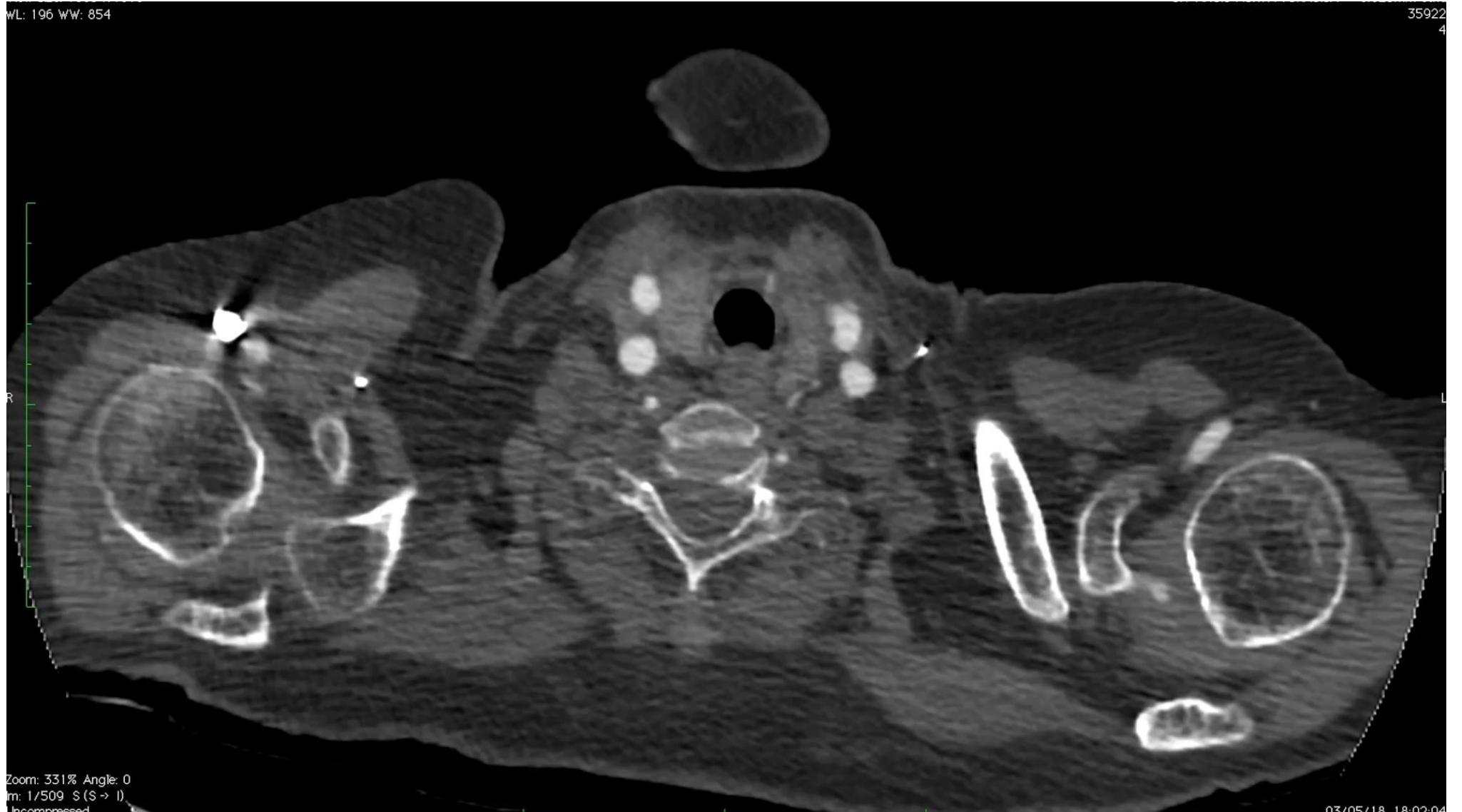
Distal module
Above SMA



Final DSA

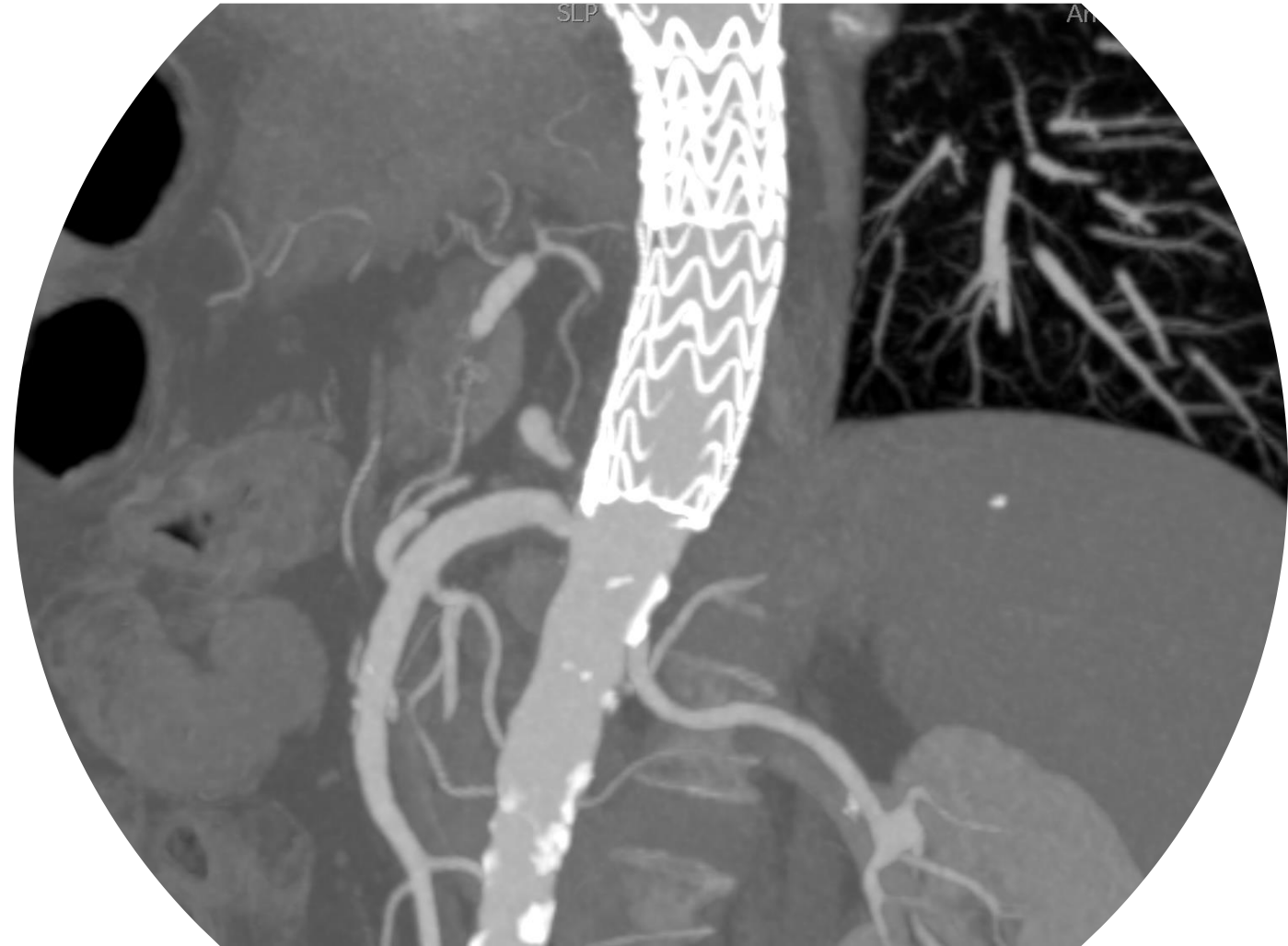
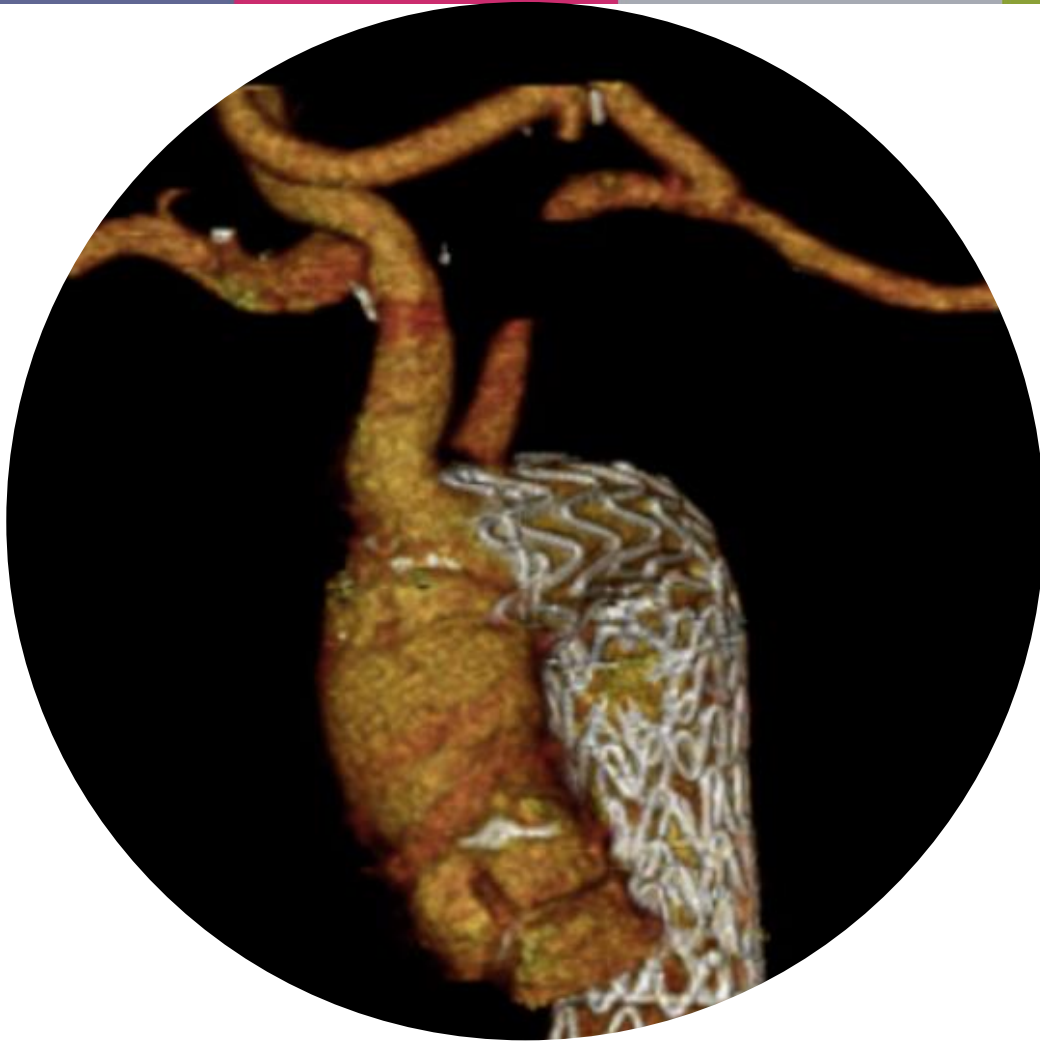


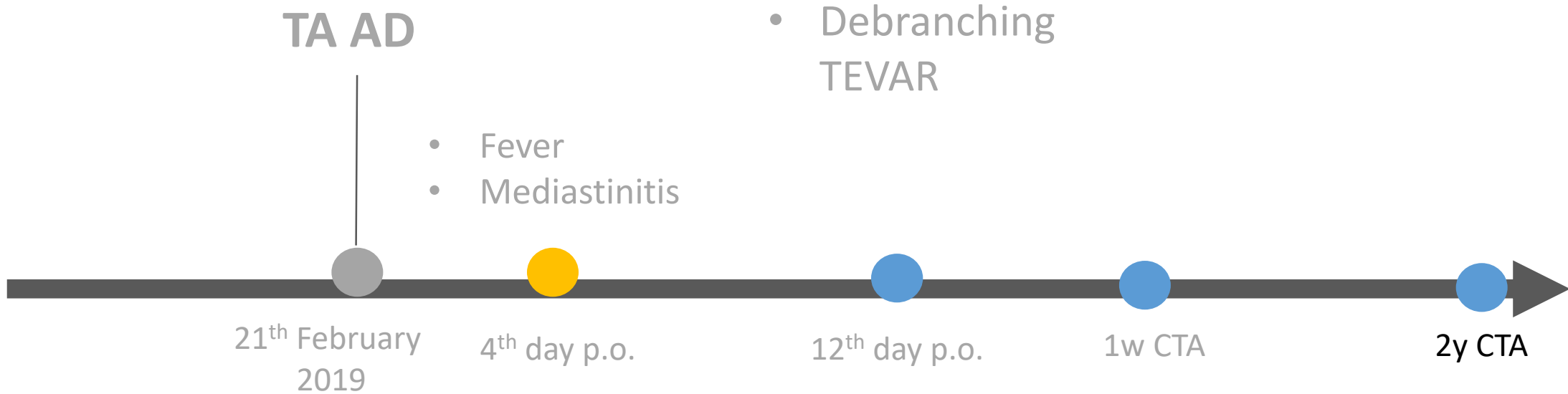


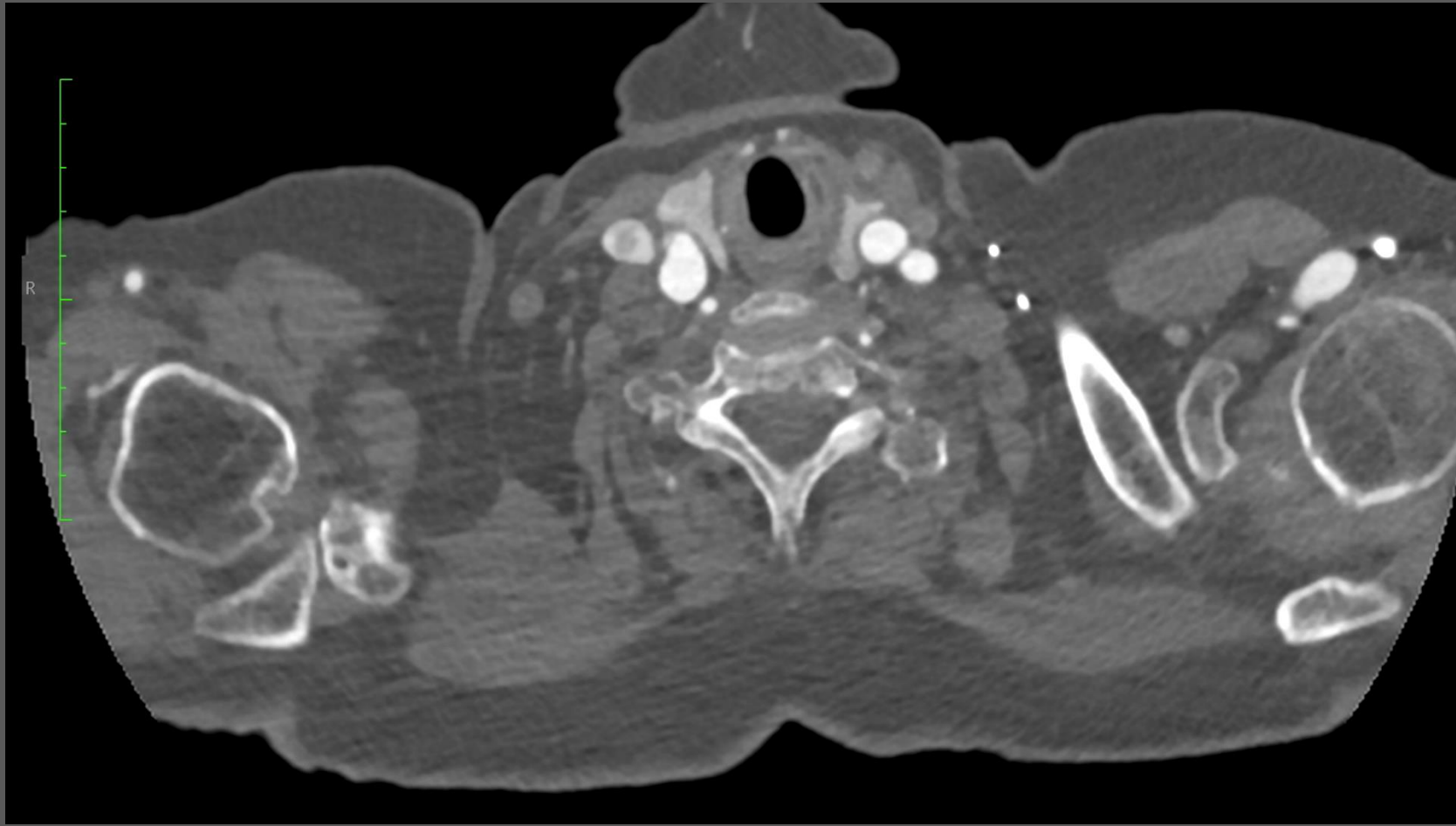


1 week CTA









2-year CTA



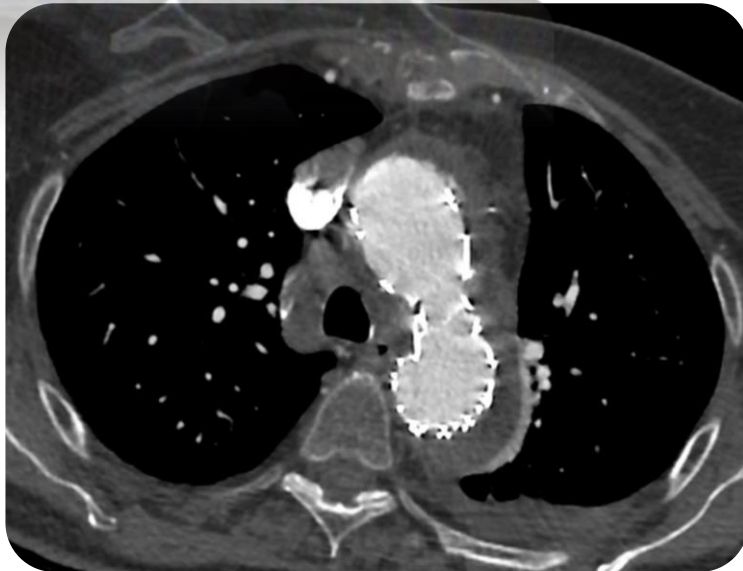
Aortic remodeling



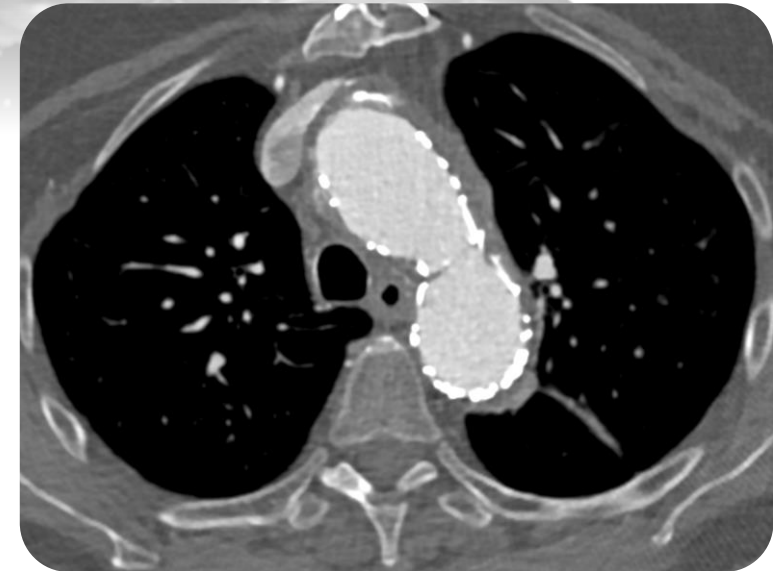
day 1



12th p.o. day

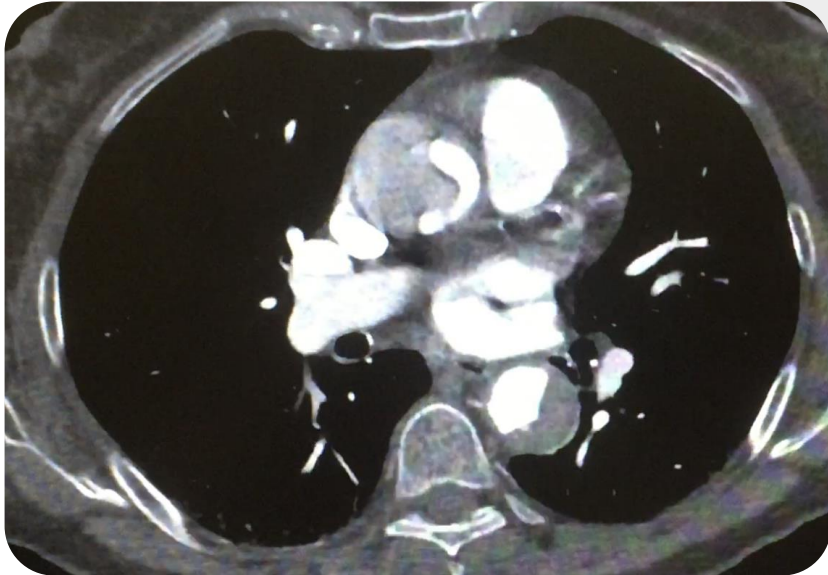


1w-
TEVAR



2Y FU

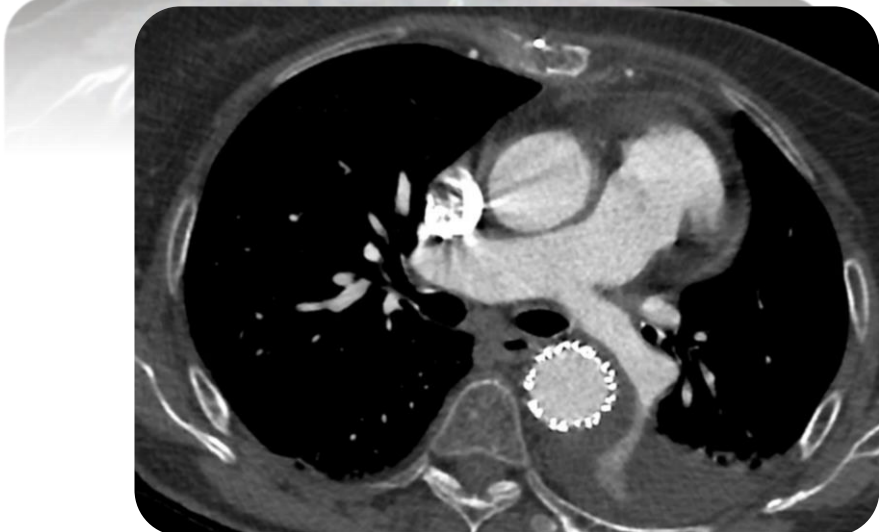
Aortic remodeling



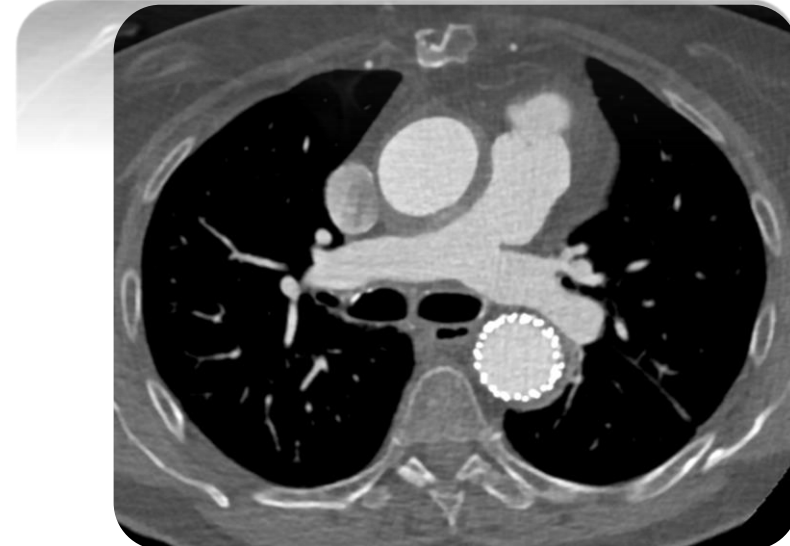
day 1



12th p.o. day



1w-
TEVAR



2 Years FU



Aortic
Gemelli  *Team*

