

My coolest CASE 2:

THE HARDEST ENDOLEAK I'VE EVER REPAIRED

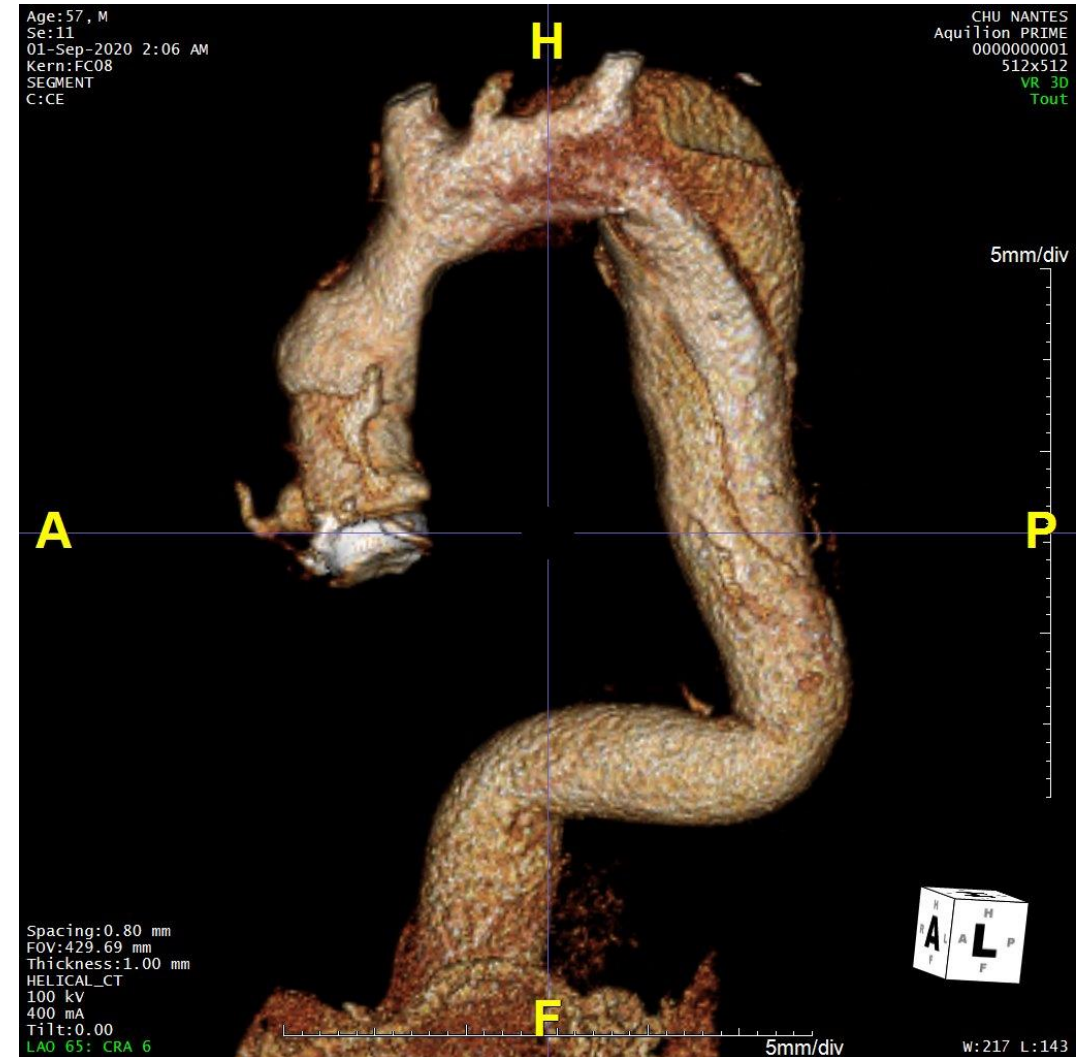
Pr Blandine MAUREL
Chirurgie Vasculaire, CHU Nantes, France

Disclosures

- Consulting : COOK MEDICAL, PHILIPS, MEDTRONIC, GORE
- Proctoring : COOK MEDICAL

01st Sept 2020 = Man / 57 yo

- Type A aortic dissection distally to a previous Bentall repair
- Previous medical history :
 - Mechanical Bentall procedure in 2006 (aneurysm)
 - COPD
 - Marfan (suspected)
- W: 102Kg / H: 182cm / BMI: 30.8



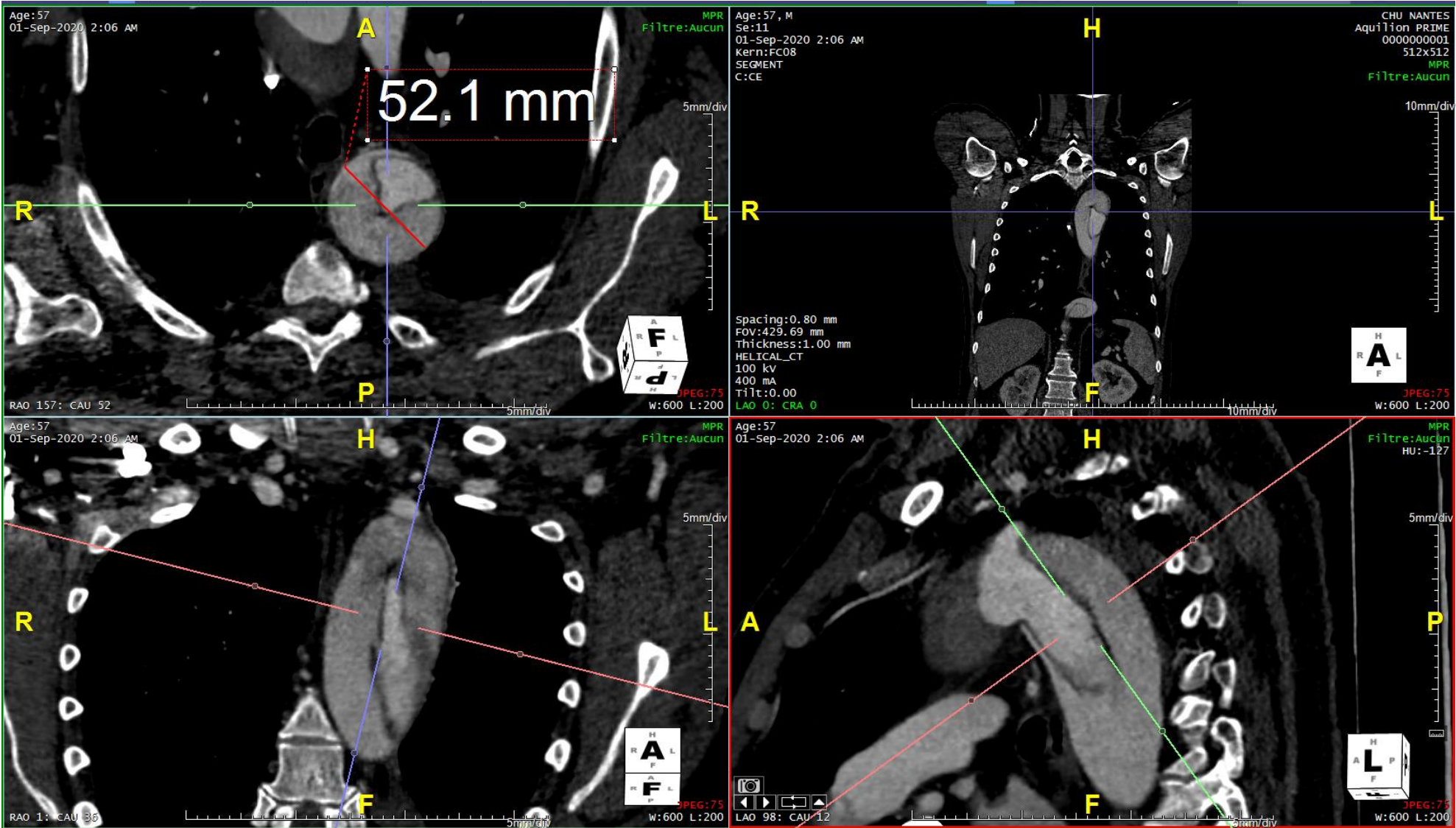
01st Sept 2022

Age: 57, M
Se: 11
01-Sep-2020 2:06 AM
Kern: FC08
SEGMENT
C: CE

CHU NANTES
Aquilion PRIME
0000000001
1024x1024
MPR
Filtre: Aucun



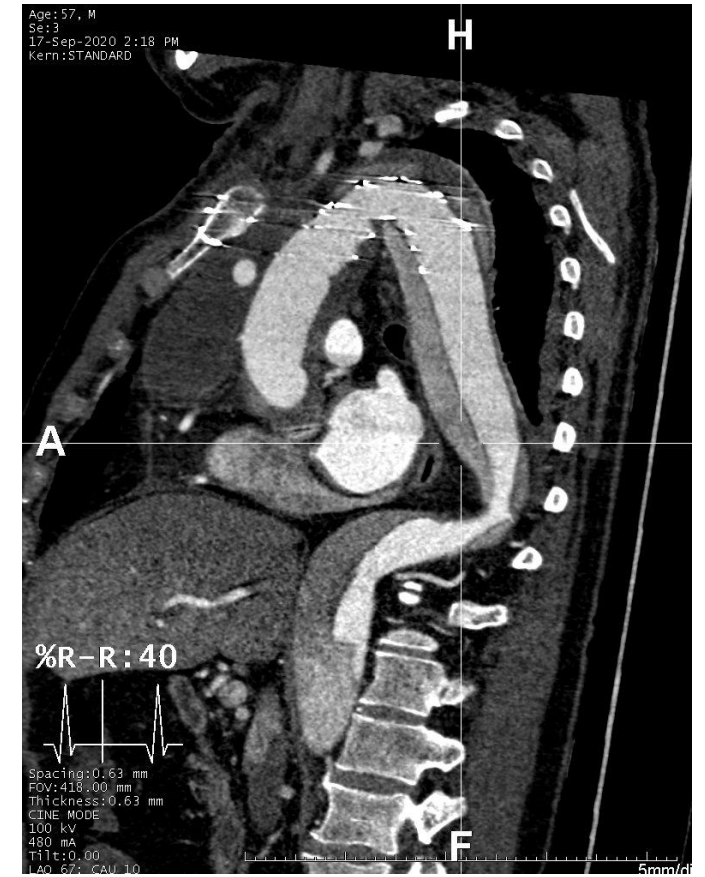
01st Sept 2020 = Man / 57 yo



Procedure 1 = FET

01/09/2020

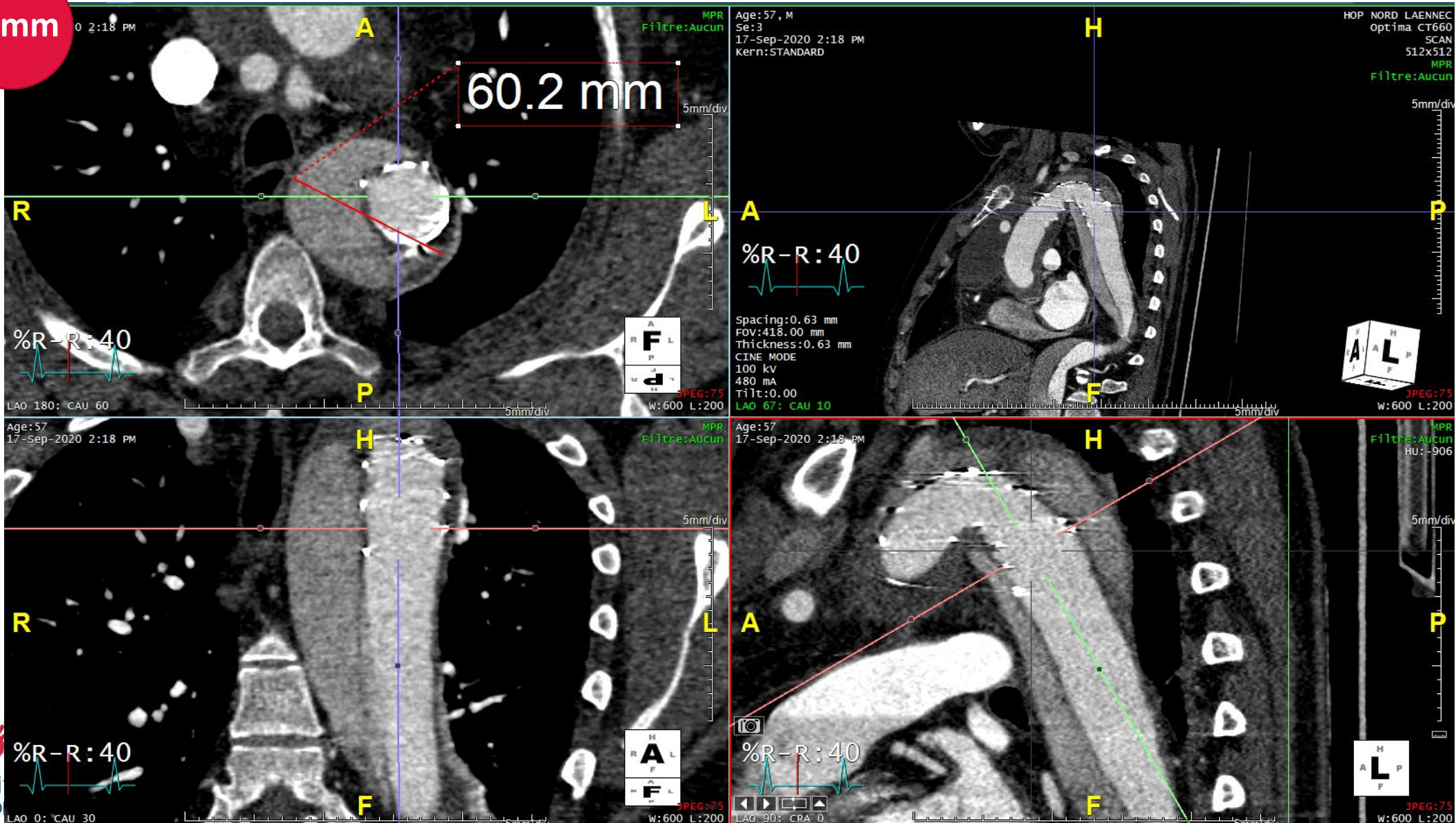
- Total aortic arch replacement using the thoraflex hybrid prosthesis
- Deep hypothermia



Post op CTA 1

17/09/2020
D+16

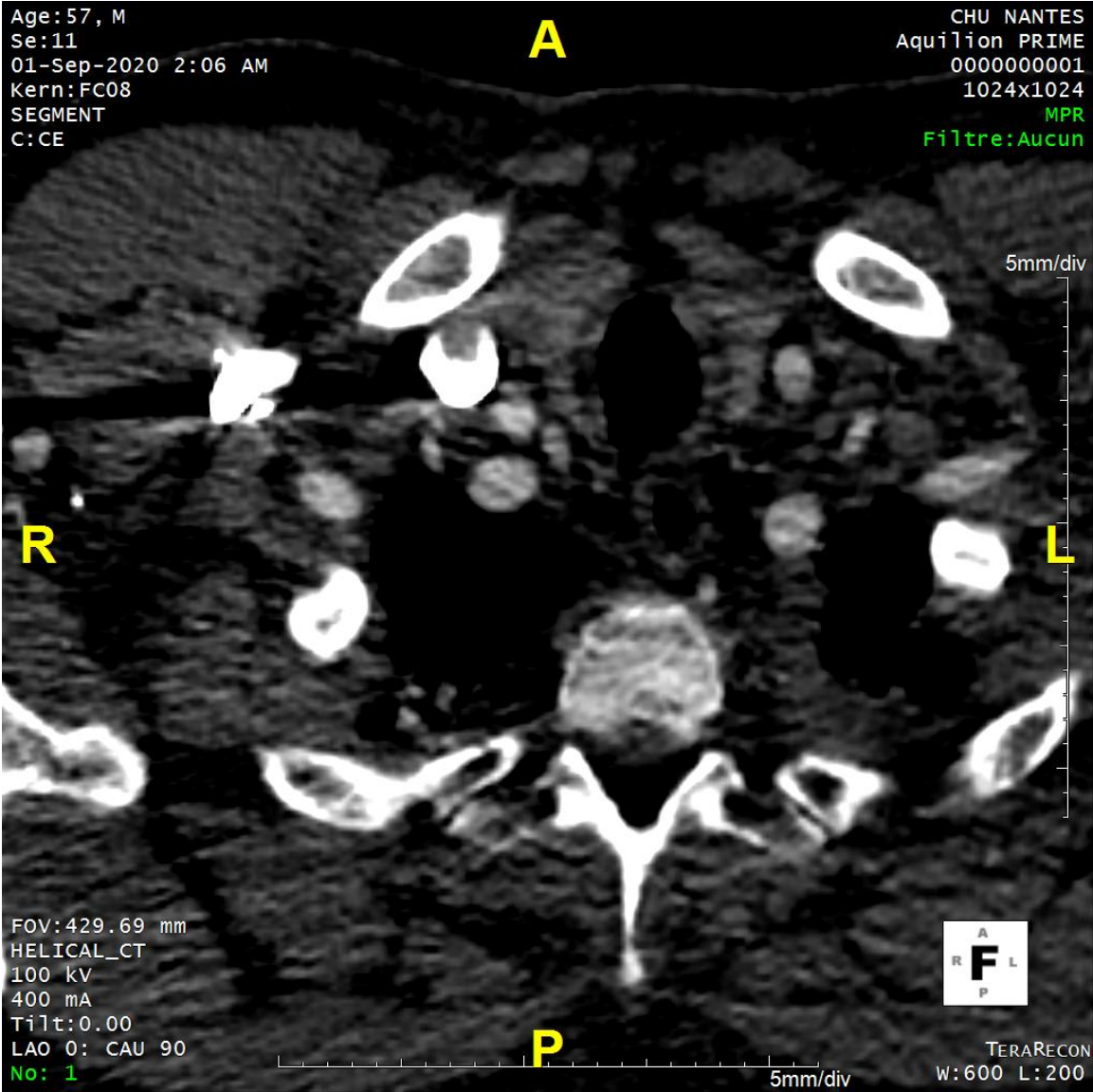
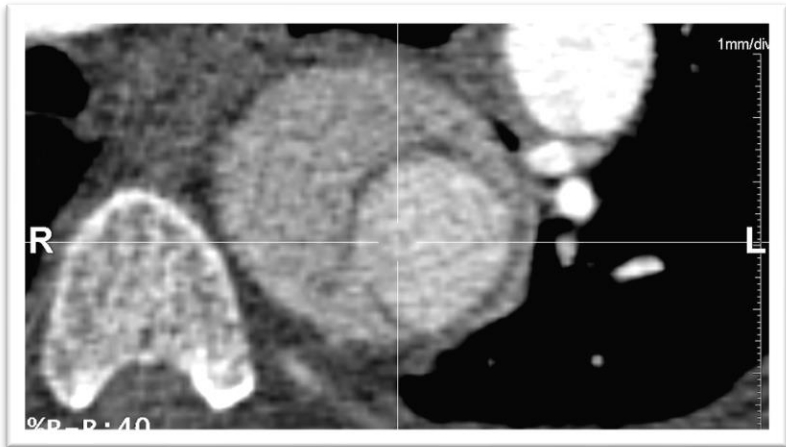
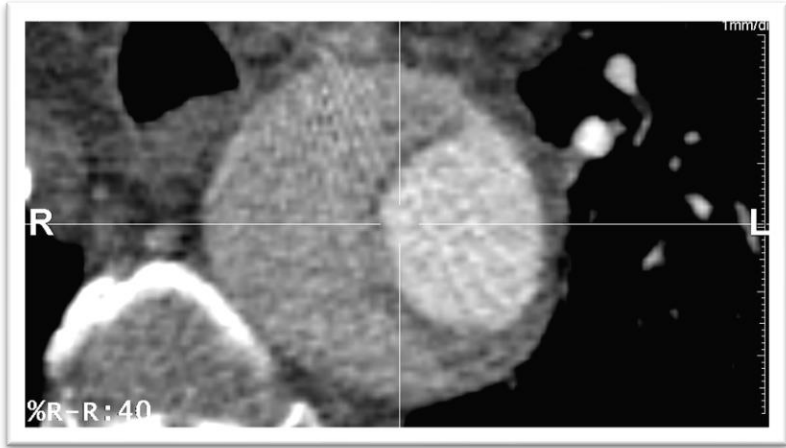
+8mm



Post op CTA 1

17/09/2020
D+16

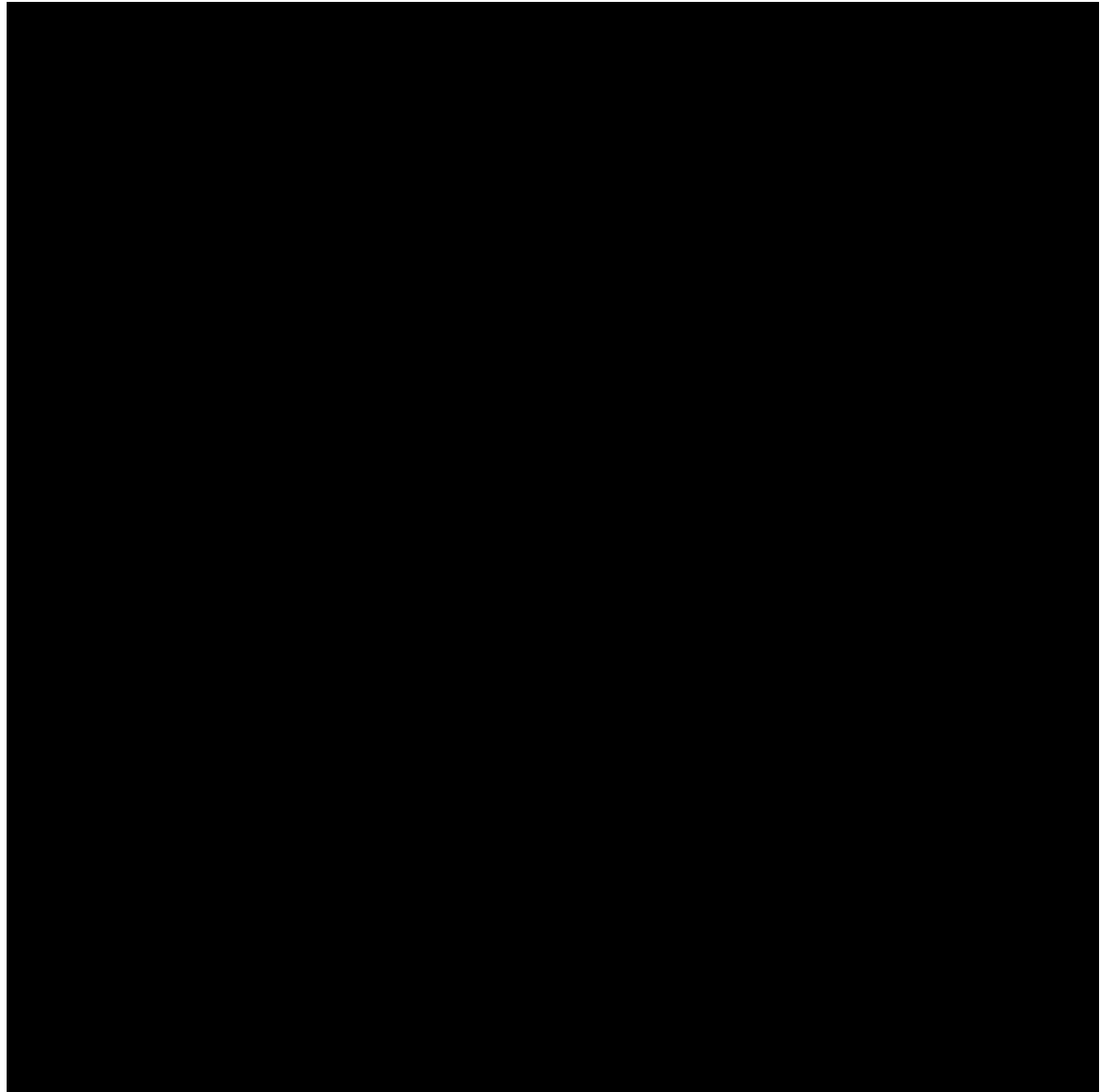
+8mm



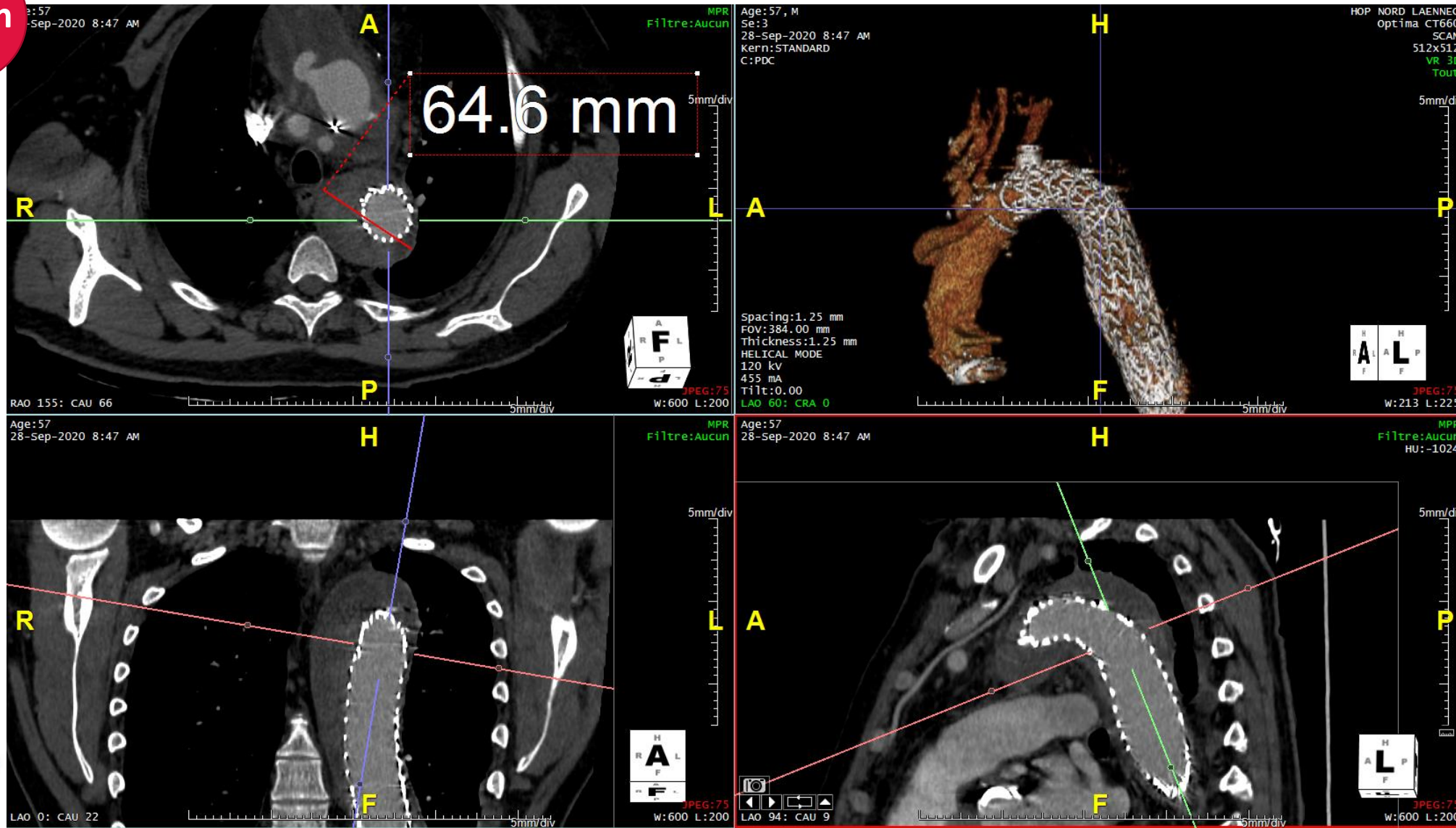
Procedure 2 = TEVAR

25/09/2020
D+24

- 2 TEVAR from the FET to 7 cm above the CT
- Amplatzer in the LSA



+4mm



29/01/2021
M+5

%R-R: 40

Spacing:0.63 mm
FOV:386.00 mm
Thickness:0.63 mm
CINE MODE
100 kv
480 mA
Tilt:0.00
LAO 0: CRA 0

Age: 57
29-Jan-2021 2:41 PM

MPR
Filtre: Aucion
HU: 28

5mm/div

R

L

H

A

F

L

F

R

L

%R-R: 40

LAO 0: CAU 33

PEG: 75

w: 600
L: 200

Age: 57
29-Jan-2021 2:41 PM

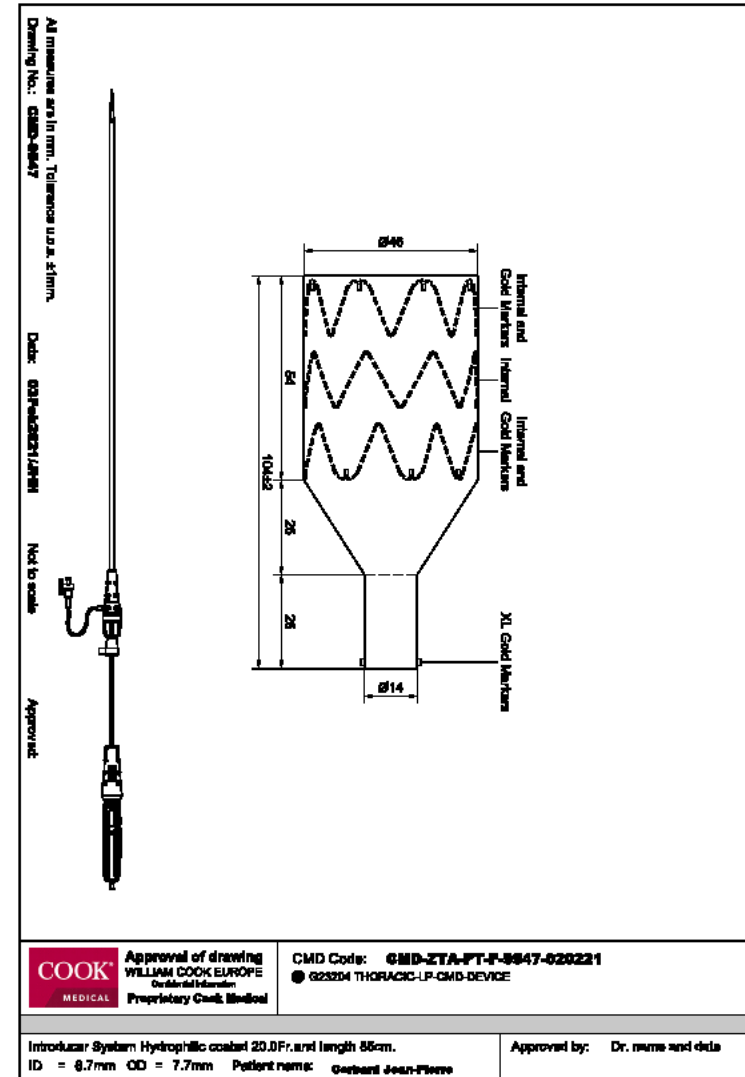
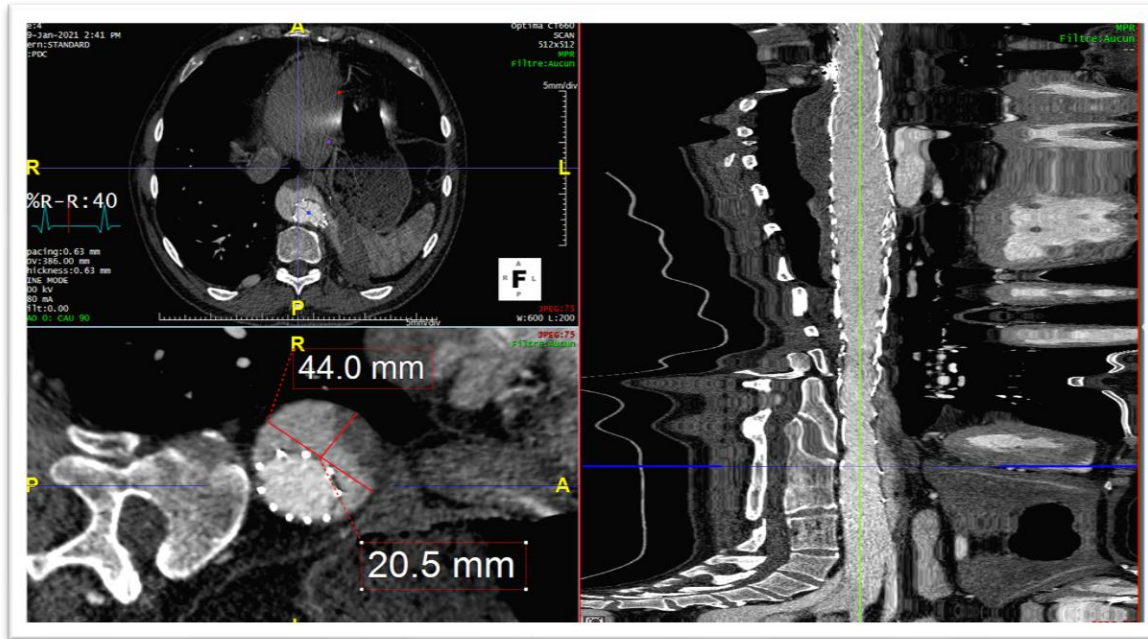
~~%R-R: 40~~

LAO 92: CAU 3

Procedure 3 = TEVAR + Candy plug

17/02/2021
M+6

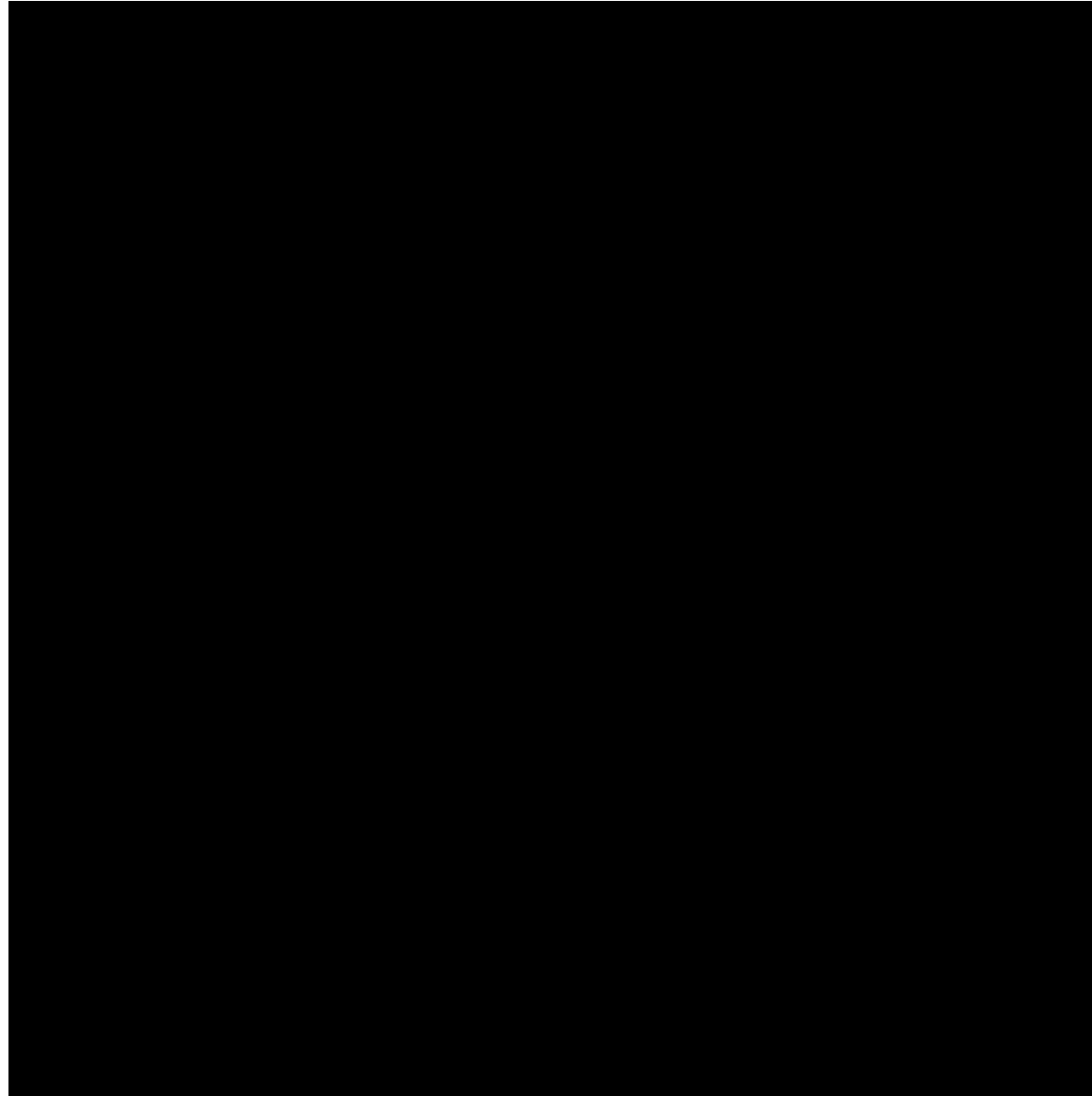
- 1 TEVAR down to the CT
- 46 mm candy plug



Procedure 3 = TEVAR + Candy plug

17/02/2021
M+6

- 1 TEVAR down to the CT
- 46 mm candy plug



18/05/2021
M+9

5mm

101 mm

%R-R: 40

Age: 57
18-May-2021 7:28 PM
Kern: STANDARD
Filtre: Aucun
MPR
3PEG: 75
W: 600 L: 200
LAO 0: CAU 35

Age: 57
18-May-2021 7:28 PM
Kern: STANDARD
Filtre: Aucun
MPR
3PEG: 75
W: 600 L: 200
LAO 95: CAU 7

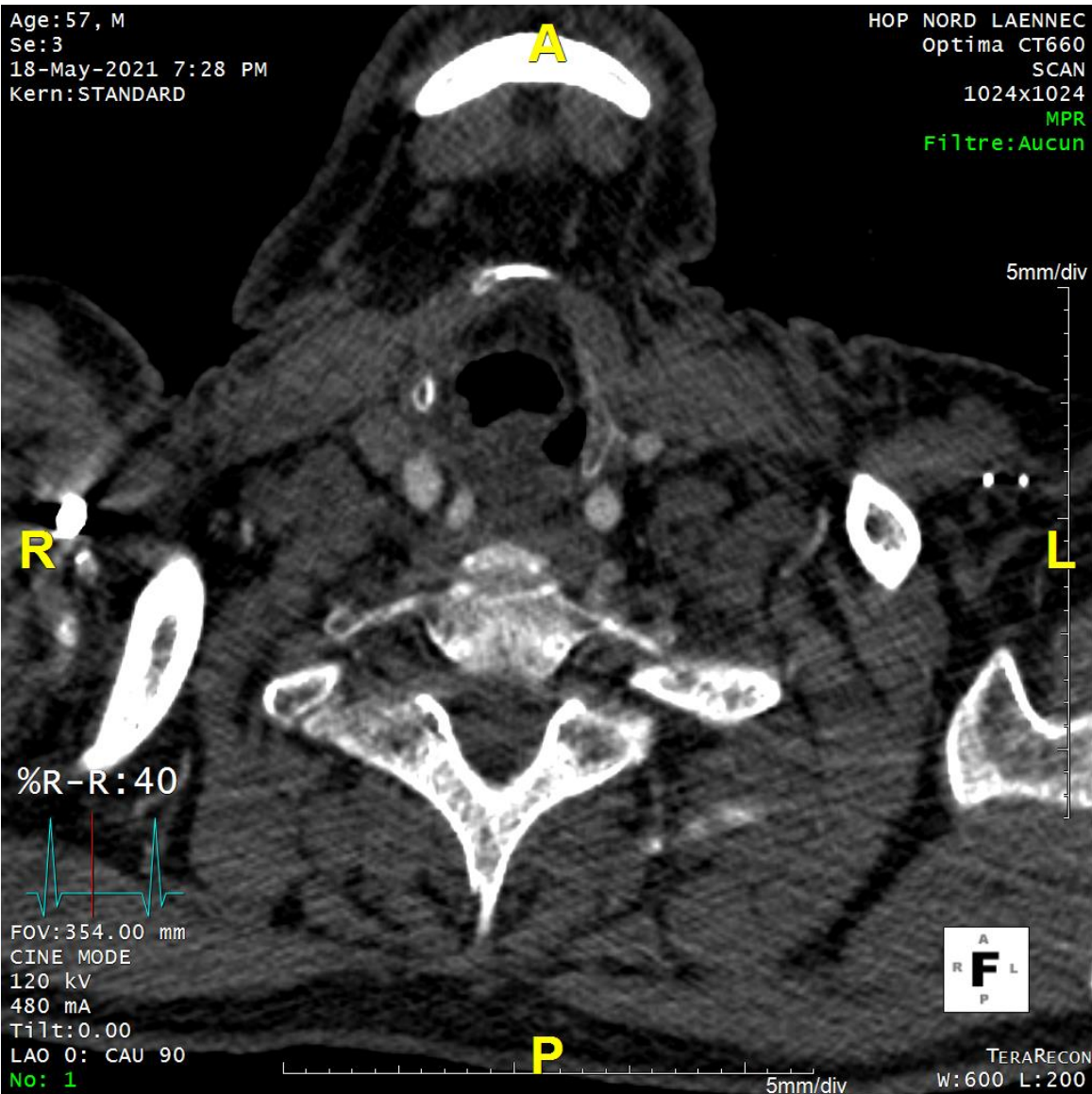
Age: 57
18-May-2021 7:28 PM
Kern: STANDARD
Filtre: Aucun
MPR
3PEG: 75
W: 600 L: 200
LAO 95: CAU 7

Age: 57
18-May-2021 7:28 PM
Kern: STANDARD
Filtre: Aucun
MPR
3PEG: 75
W: 600 L: 200
LAO 95: CAU 7

Post op CTA 4

18/05/2021
M+9

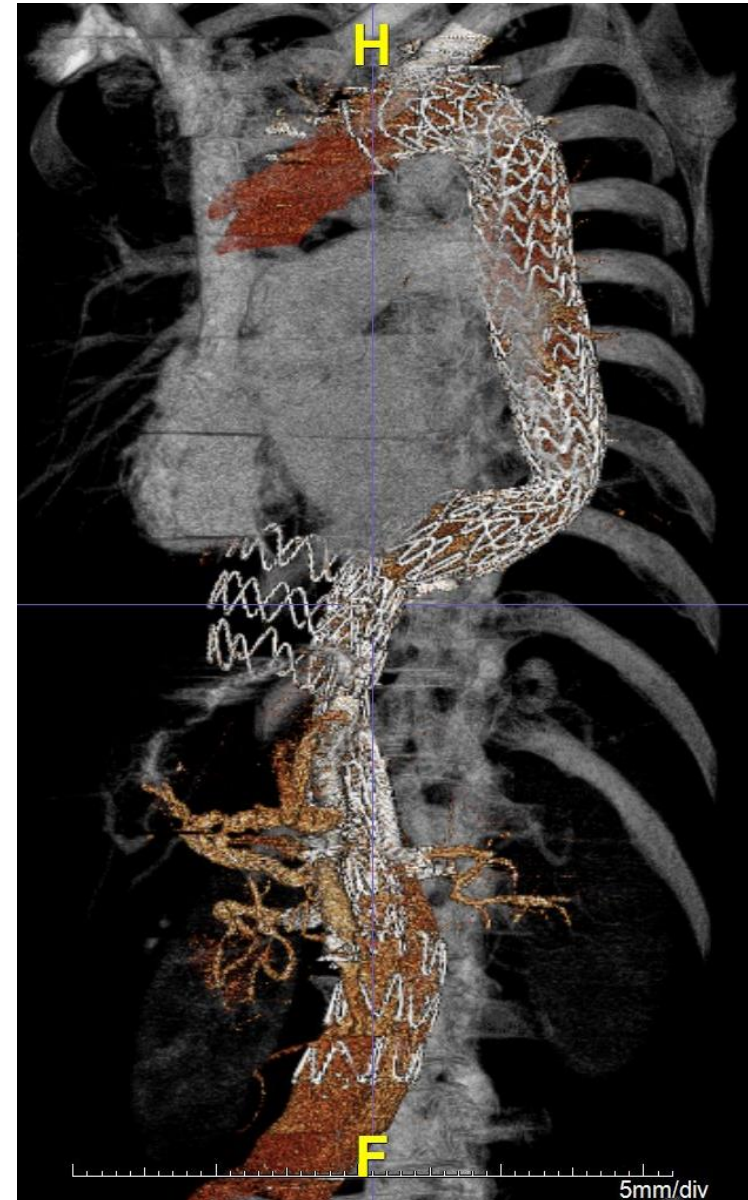
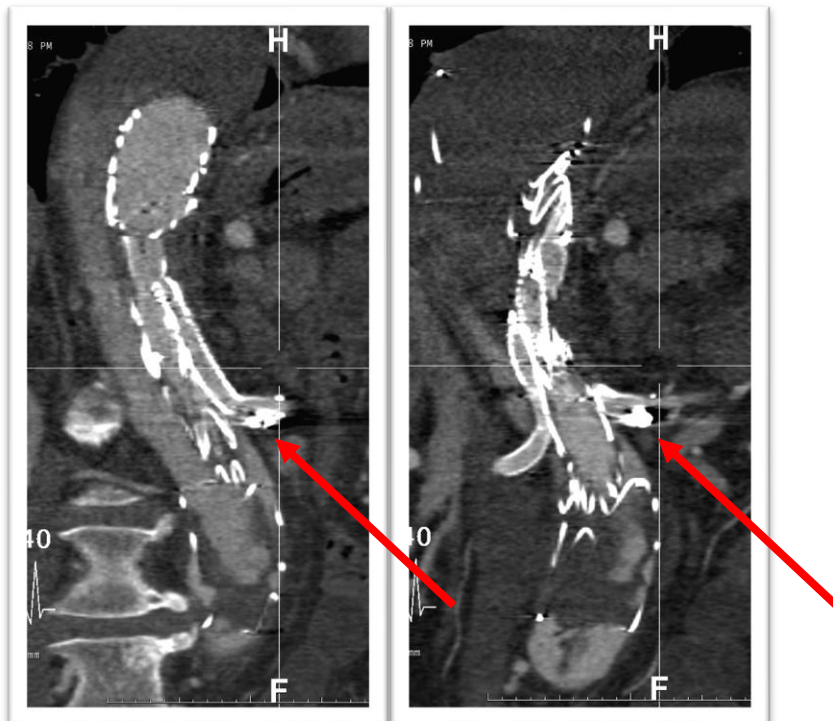
+15mm



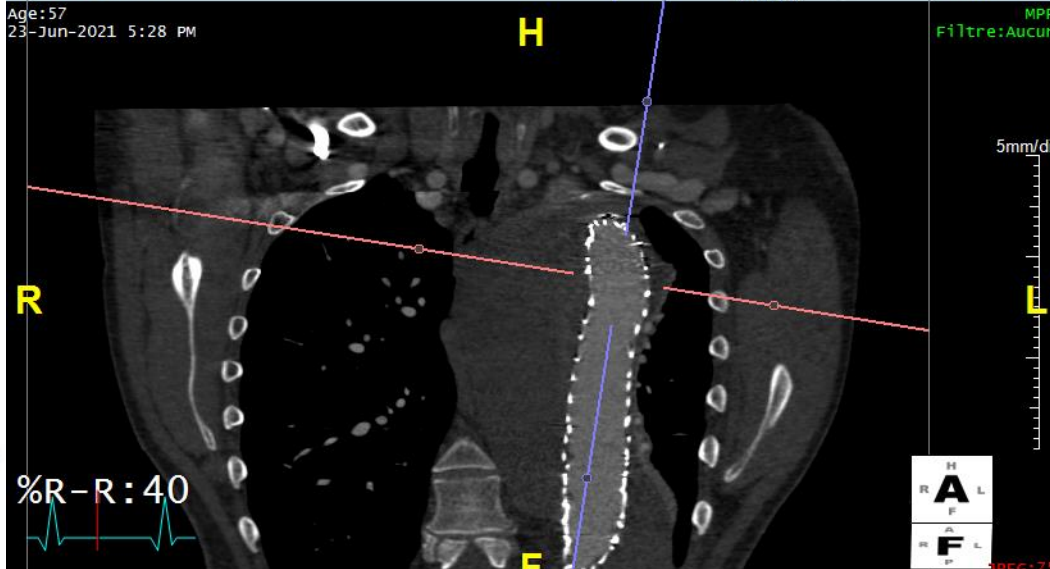
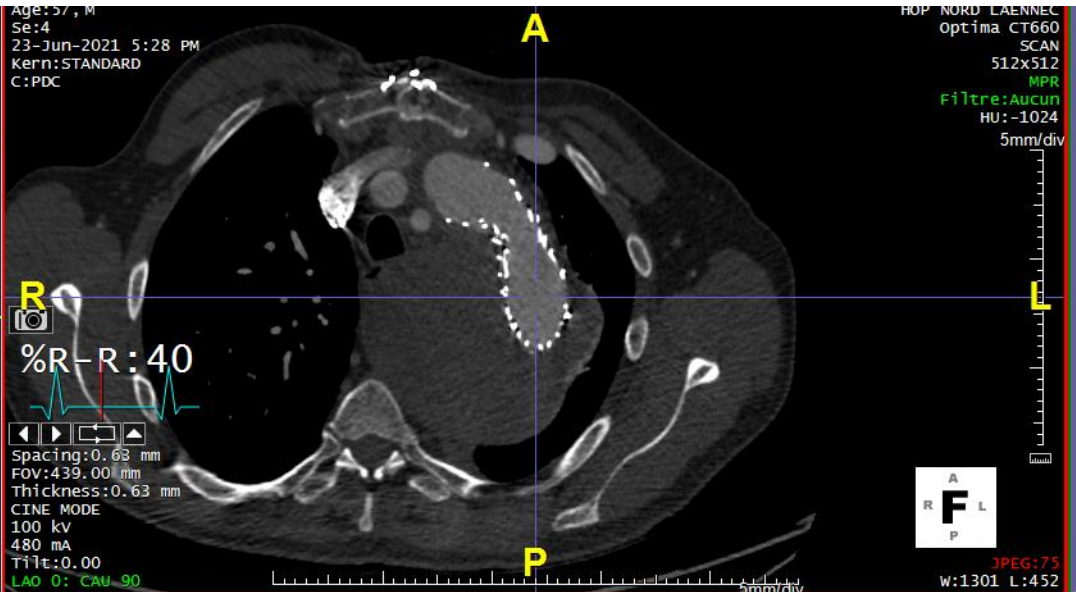
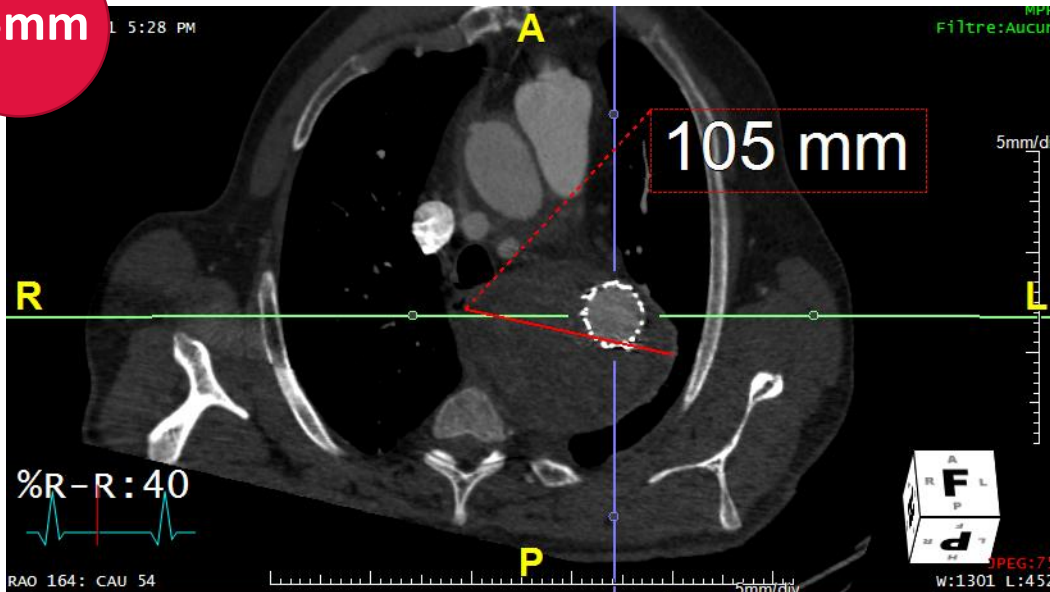
Procedure 4 = t-branch + candy plug

04/06/2021
M+10

- T-branch
- Self expandable covered stents
- Embolisation of SMA false lumen and left renal false lumen
- Candy plug



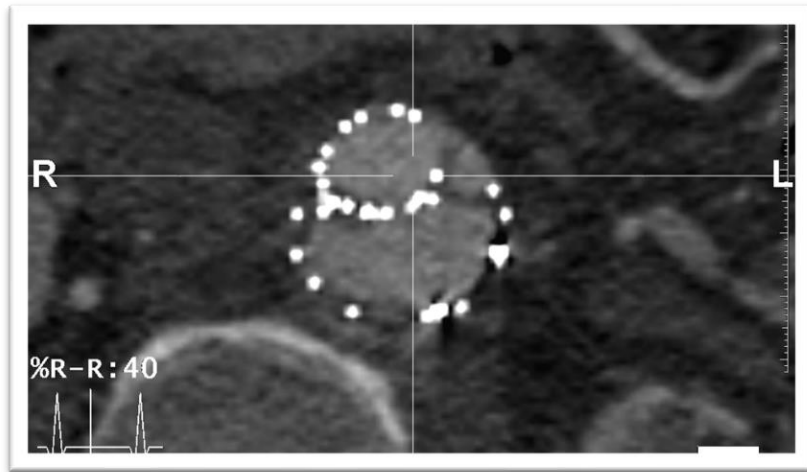
+5mm



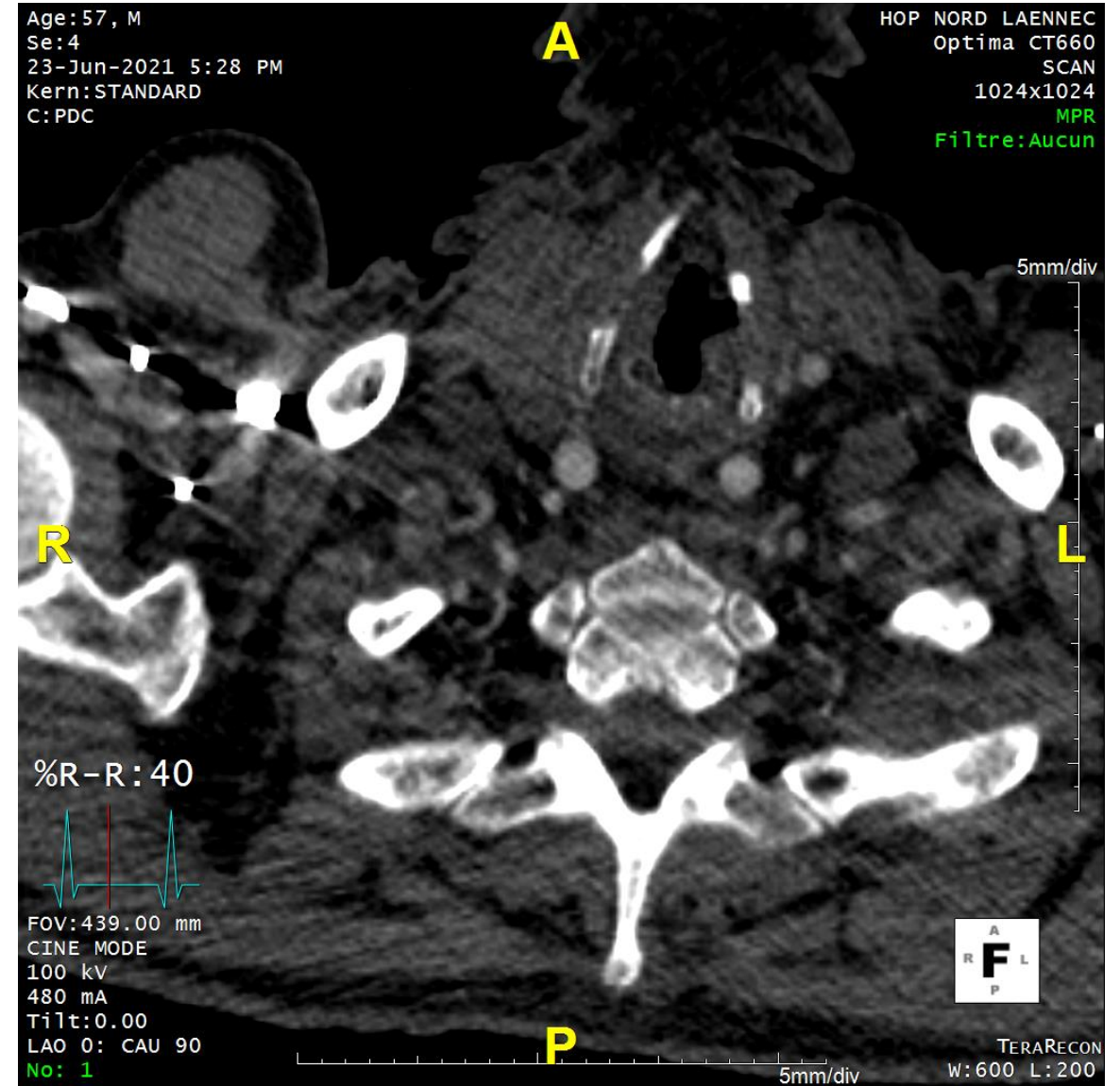
Post op CTA 5

23/06/2021
M+10

+5mm



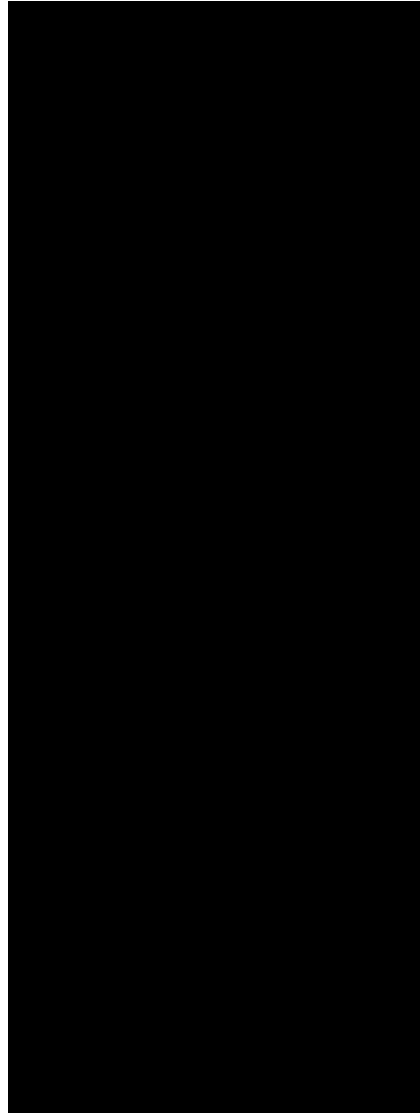
- Endoleak around the distal candy plug through a gutter



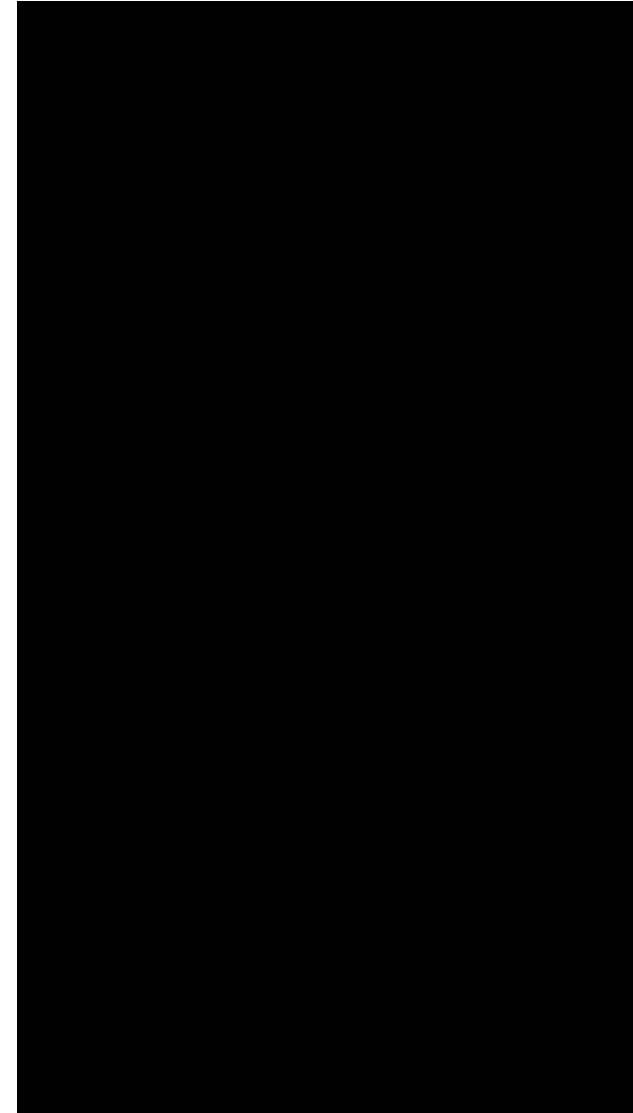
Procedure 5 = gutter embolisation

05/07/2021
M+11

- AMPLATZER IV (Abbott) : 8 mm in diameter
- Tornado (Medtronic) microcoils : 20*50 (x3) & 14*30 (x6)



PRE

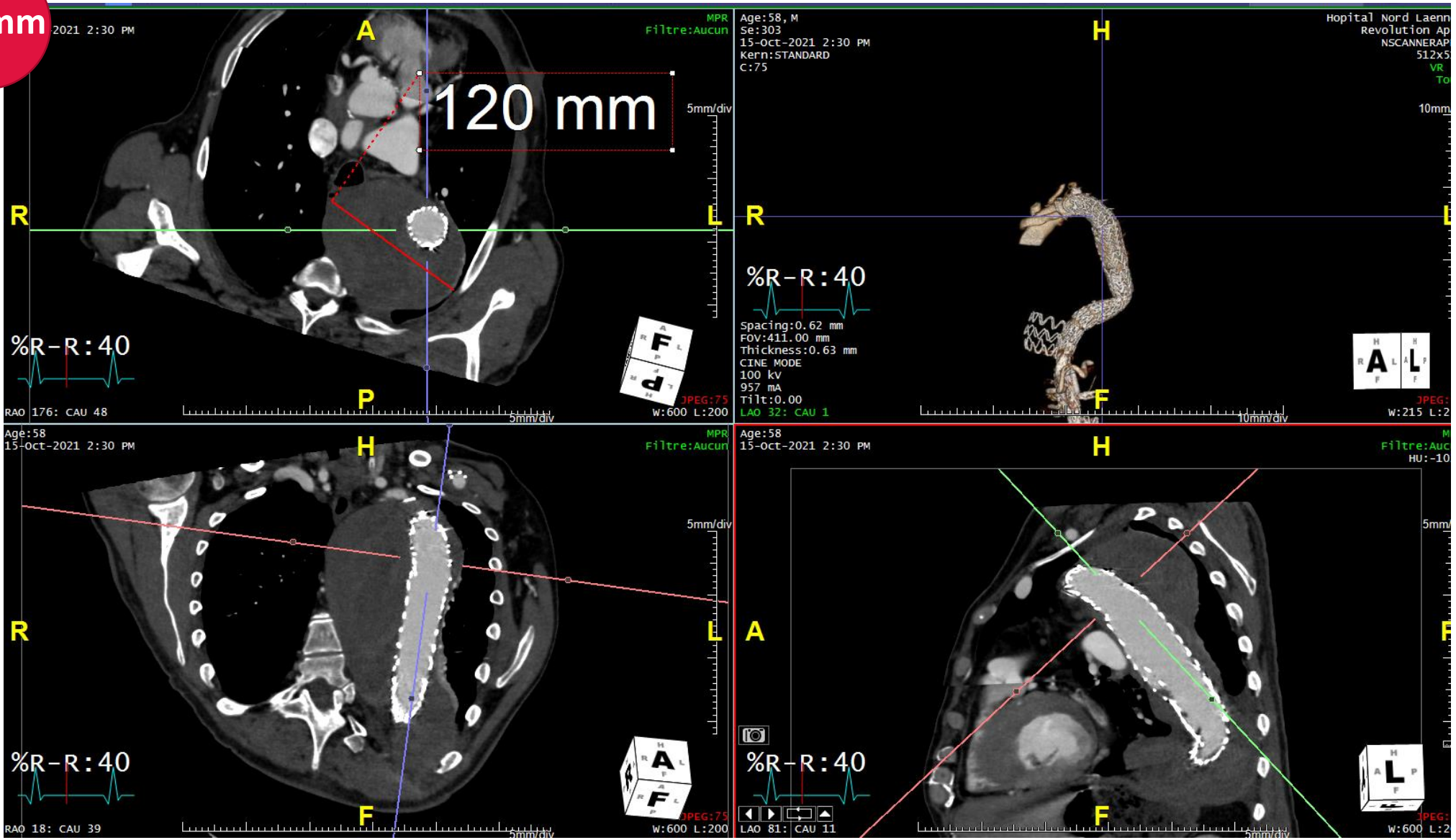


POST

Post op CTA 6

15/10/2021
M+13

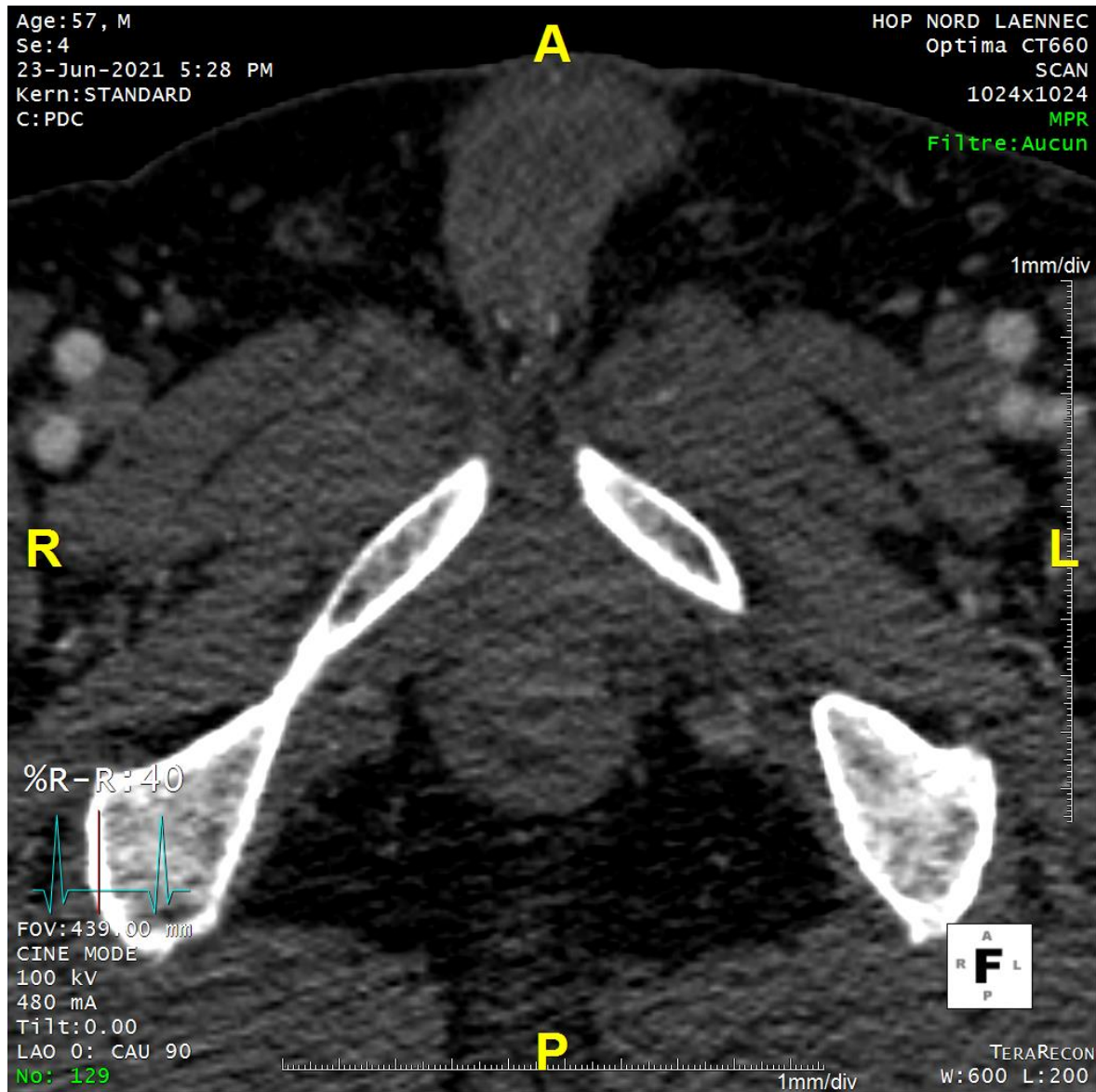
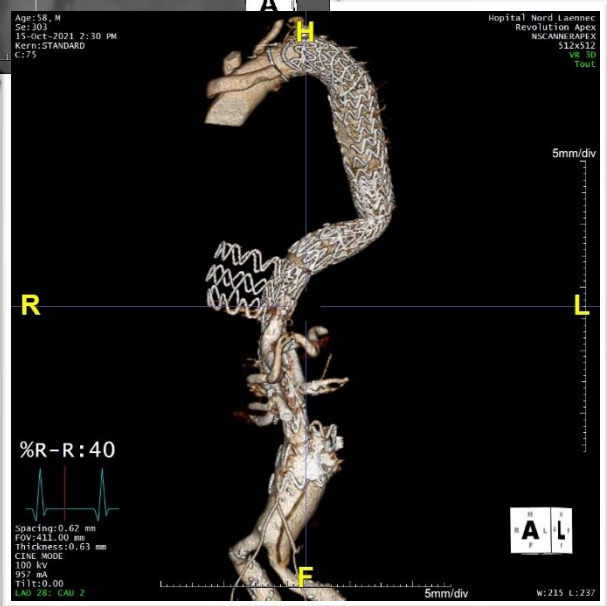
+15mm



Post op CTA 6

15/10/2021
M+13

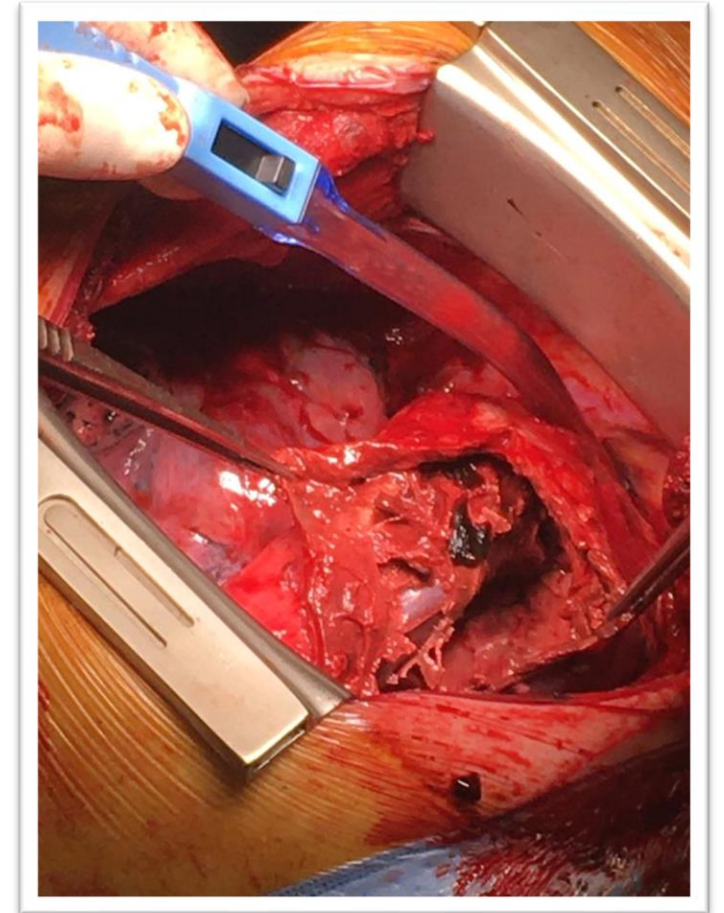
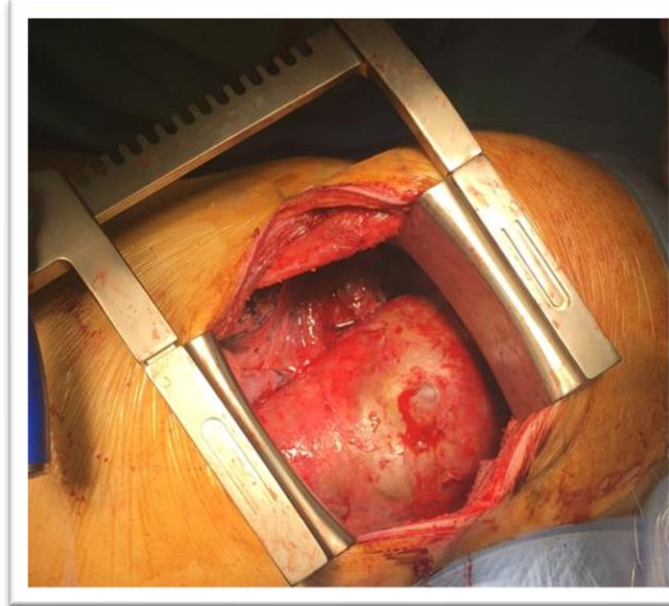
+15mm



Procedure 6 = *Aneurysm resection*

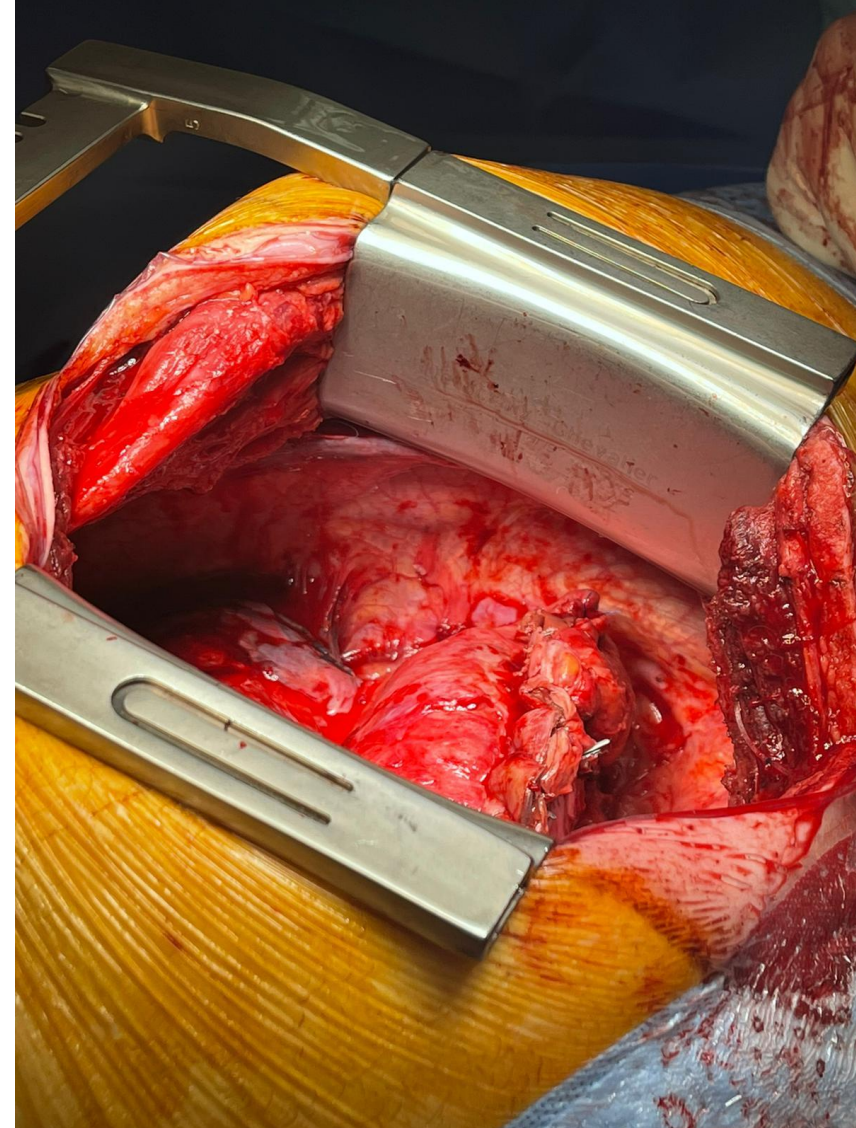
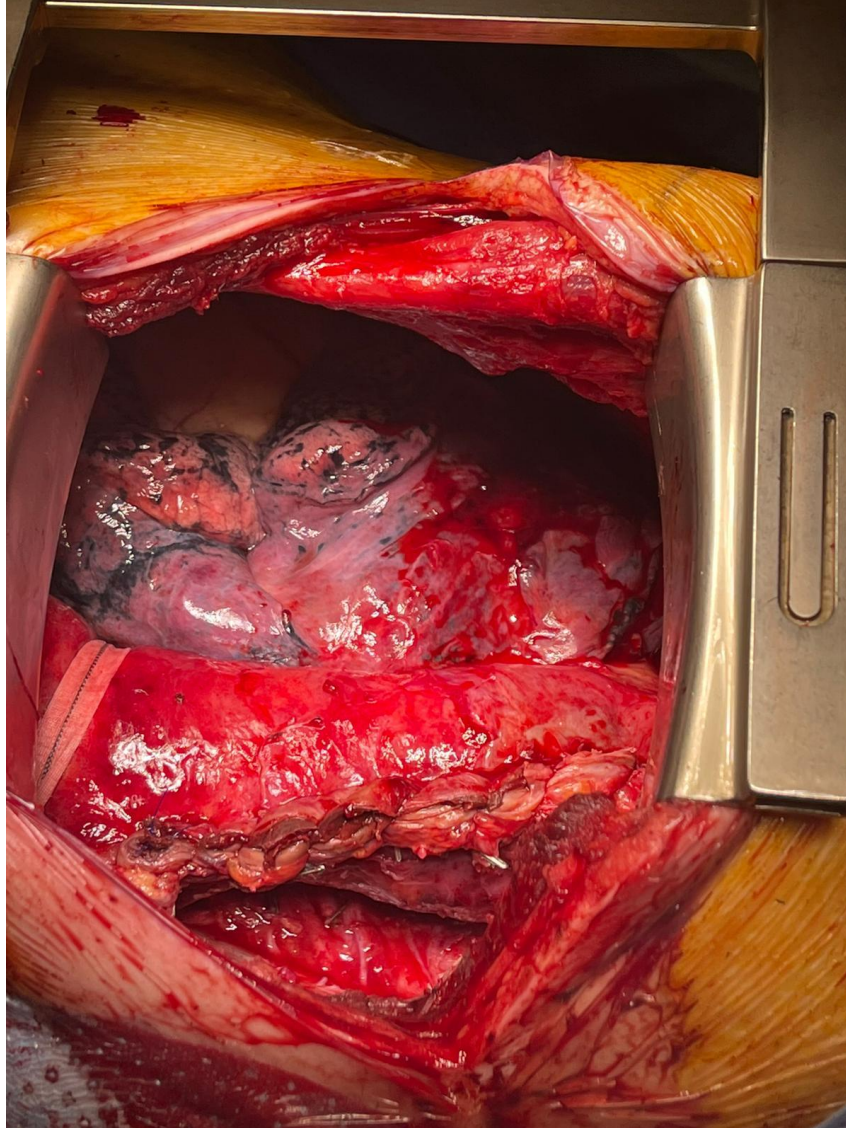
20/10/2021
M+14

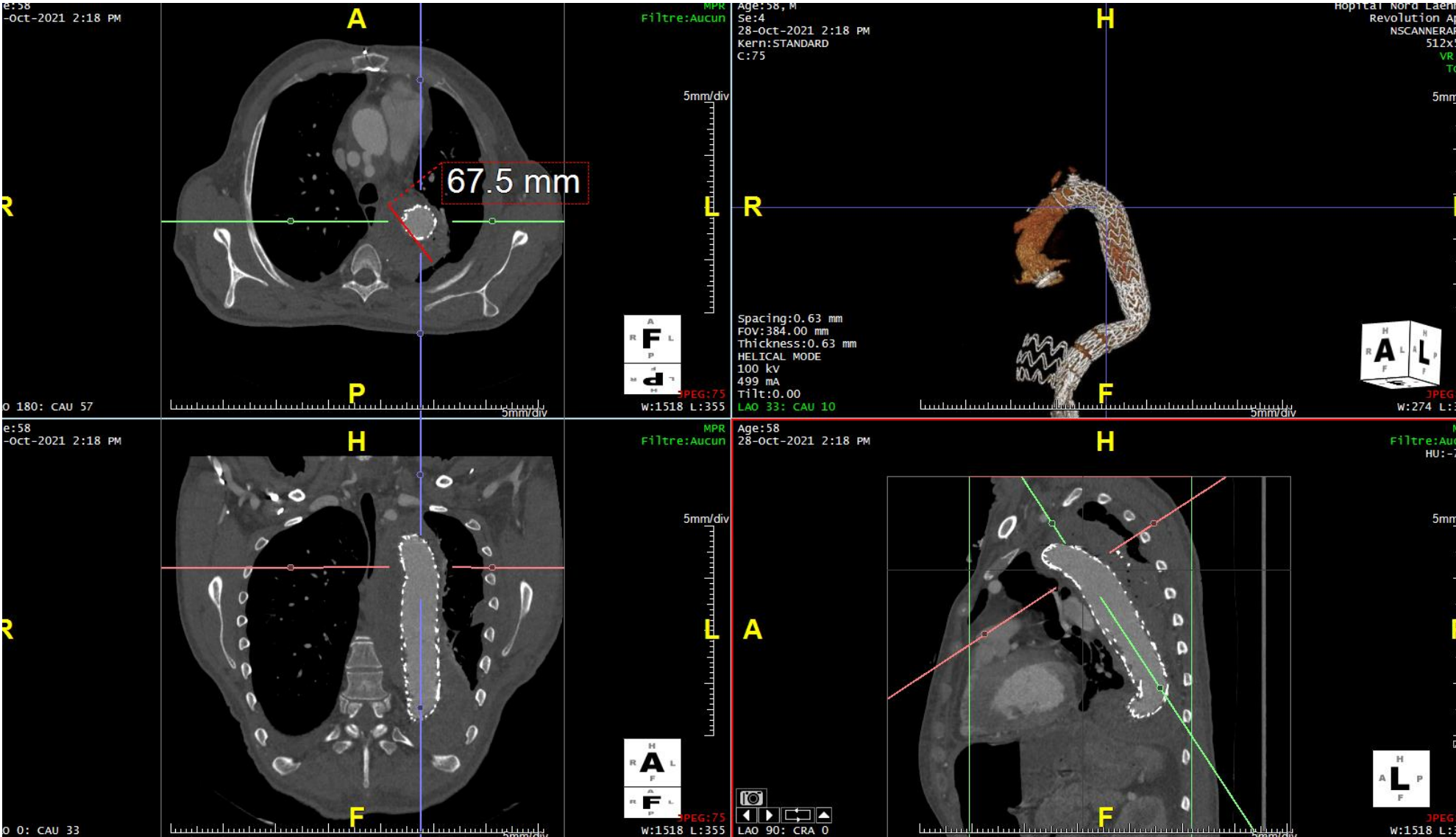
- Left postero lateral thoracotomy in the 5th intercostal space
- Section of all intercostal arteries from LSCA to mid-descending
- Distal wrap
- Opening of the false lumen and partial resection



Procedure 6 = *Aneurysm resection*

20/10/2021
M+14





28/10/2021
M+13



THANK YOU

