

**ciw**

**WORLD**

CHALLENGES & INNOVATIONS IN VASCULAR WORLD

---

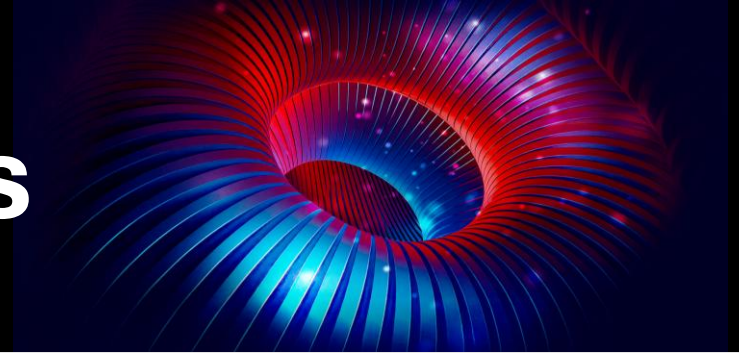
**31 MARS** **2026**  
**1<sup>ER</sup> AVRIL**

---

**MÉRIDIEN ÉTOILE**  
**PARIS**

---

# Conflits et liens d'intérêts



**J'ai, ou j'ai eu au cours des deux dernières années, une affiliation, des intérêts financiers ou des liens d'intérêts de tout ordre avec les firmes suivantes, ou j'ai reçu des compensations financières ou des honoraires, des bourses de subvention ou de recherche émanant des companies suivantes :**

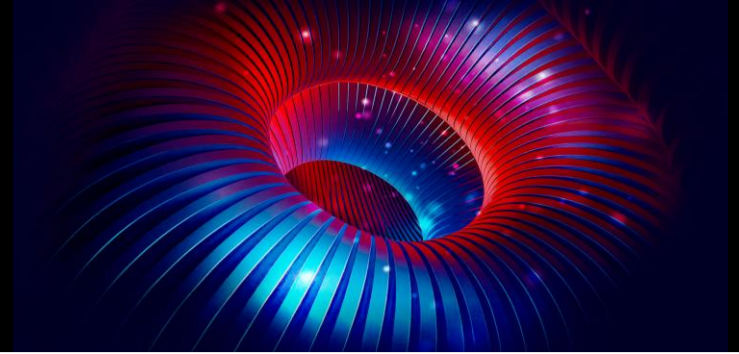
- Terumo Aortic**
- Gore medical**
- Penumbra**



**CIV**  
WORLD  
CHALLENGES & INNOVATIONS IN VASCULAR WORLD

31 MARS  
1<sup>ER</sup> AVRIL **2026**

**MÉRIDIEN ÉTOILE**  
PARIS



# Endoprothèse monobranche:

## Quelles astuces techniques pour quelle zone d'ancrage ?

Marine Gaudry

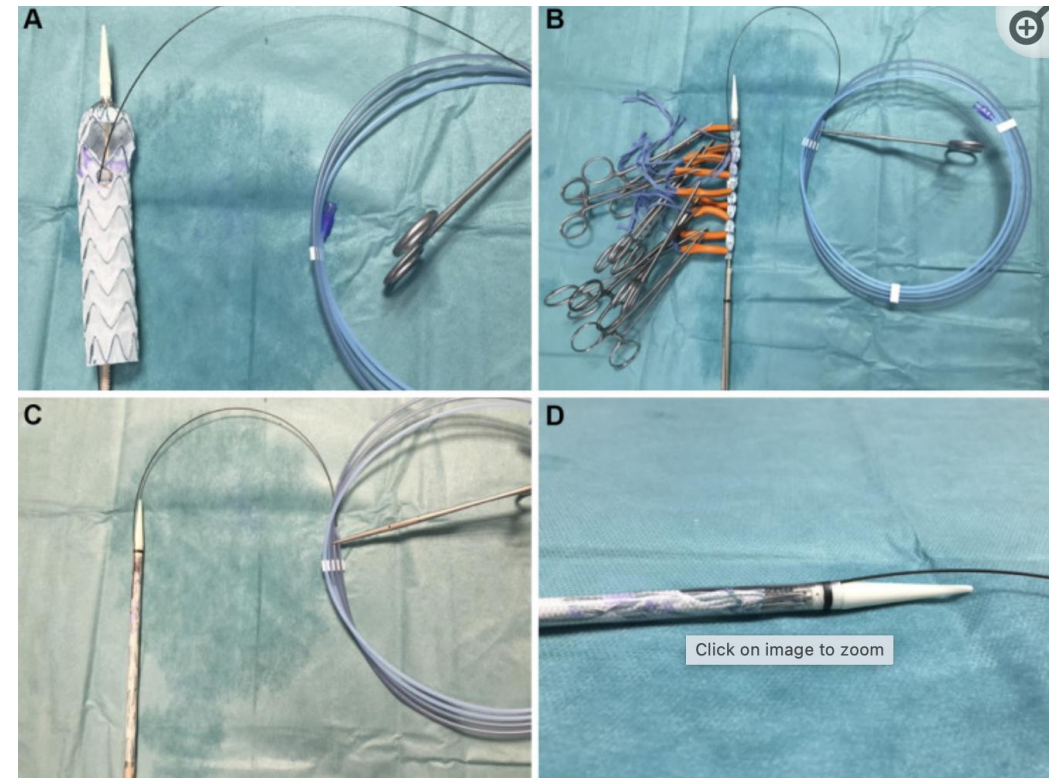
Marseille, France



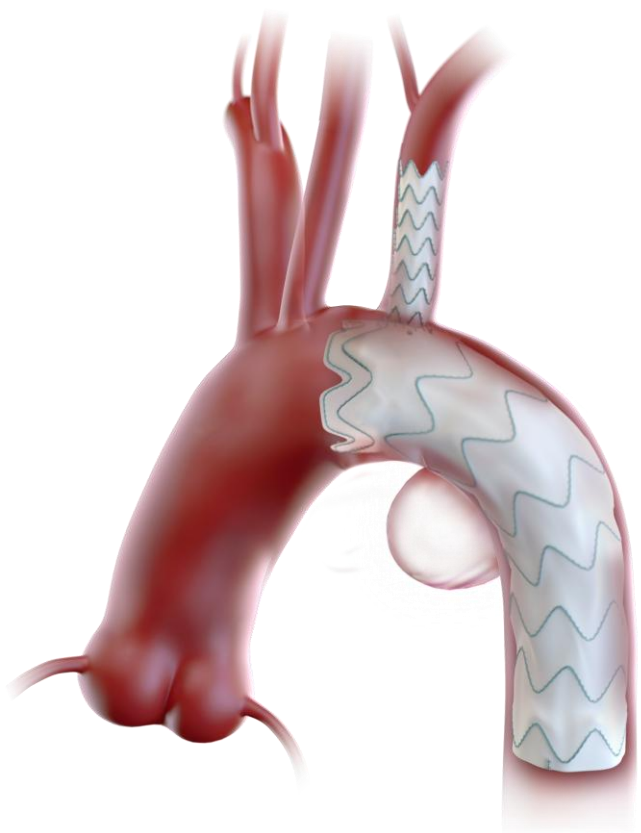
- Off the shelf



- Home made



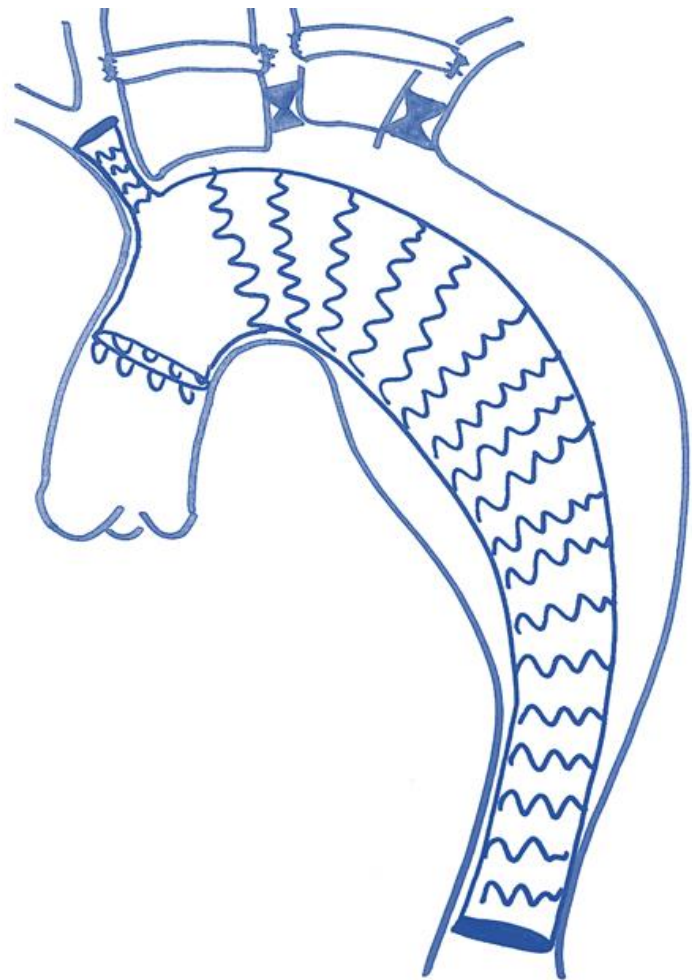
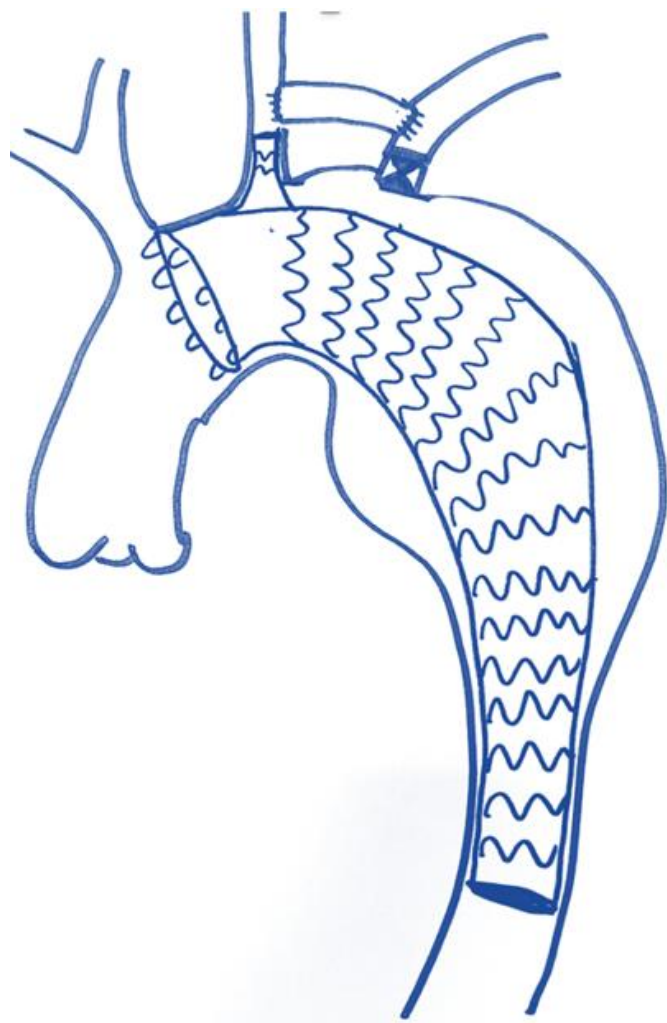
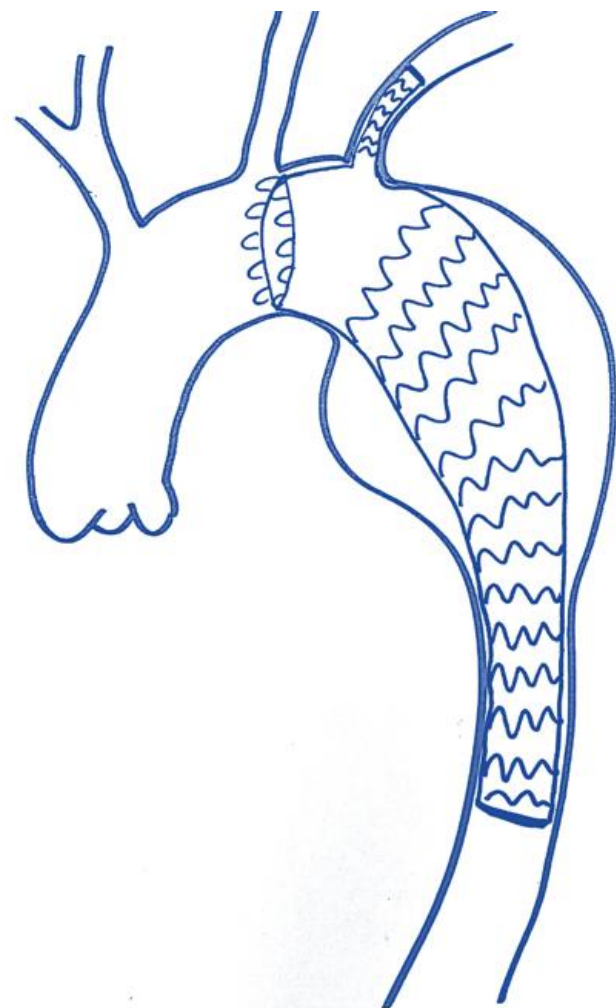
- Custom made



**ZONE 2**

**ZONE 1**

**ZONE 0**



Notre  
expérience

Entre janvier 2021 et décembre 2025

42 ENDOPROTHESES BRANCHÉES

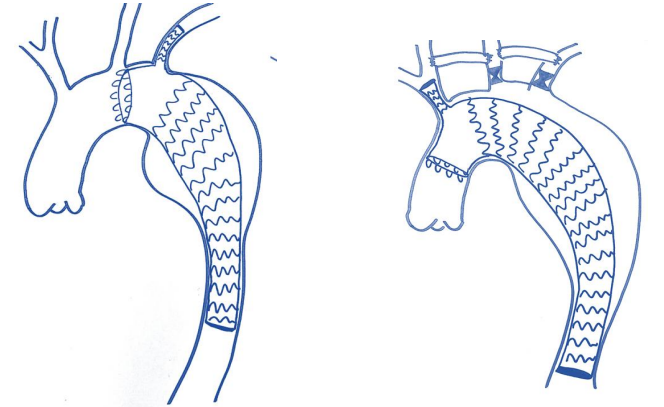
18 ENDOPROTHESES  
MONOBRANCHE

- 14 TBE
- 2 custom made
- 1 home made

# Notre expérience

- Entre novembre 2024 et décembre 2025: 14 TBE

- 12 Zone 2
- 2 Zone 0
- 8 DISSECTIONS
- 6 ANEVRYSMES



- Résultats intra hospitalier

**Absence  
d'AVC**

**Absence  
d'ischémie  
médullaire**

**Absence  
de décès**

- Suivi moyen 10.6 mois

**1 décès**

**2 EF type I**

**1  
dissection  
retrograde**



## Outcomes of endovascular repair of aortic aneurysms with the GORE thoracic branch endoprosthesis for left subclavian artery preservation

Michael D. Dake, MD,<sup>a</sup> William T. Brinkman, MD,<sup>b</sup> Sukgu M. Han, MD, MS,<sup>c</sup> Jon S. Matsumura, MD,<sup>d</sup> Matthew P. Sweet, MD, MS,<sup>e</sup> Himanshu J. Patel, MD,<sup>f</sup> Bradley S. Taylor, MD, MPH,<sup>g</sup> and Gustavo S. Oderich, MD, FACS,<sup>h</sup> *Tucson, AZ; Plano, TX; Los Angeles, CA; Madison, WI; Seattle, WA; Ann Arbor, MI; Baltimore, MD; and Houston, TX*

84 zone 2

Technical success 92 %

No retrograde dissection

No death

Stroke 3.6 %

Aorta and Major Branches

Eur J Vasc Endovasc Surg (2022) 64, 639–645

## Midterm Outcomes of Endovascular Repair of Aortic Arch Aneurysms with the Gore Thoracic Branch Endoprosthesis

Nathan L. Liang<sup>a,\*</sup>, Michael D. Dake<sup>b</sup>, Michael P. Fischbein<sup>c</sup>, Joseph E. Bavaria<sup>d</sup>, Nimesh D. Desai<sup>d</sup>, Gustavo S. Oderich<sup>e</sup>, Michael J. Singh<sup>a</sup>, Mark Fillinger<sup>f</sup>, Bjoern D. Suckow<sup>f</sup>, Jon S. Matsumura<sup>g</sup>, Himanshu J. Patel<sup>h</sup>, Michel S. Makaroun<sup>a</sup>

31 zone 2 and 9 zone 1/0

3 Years follow-up

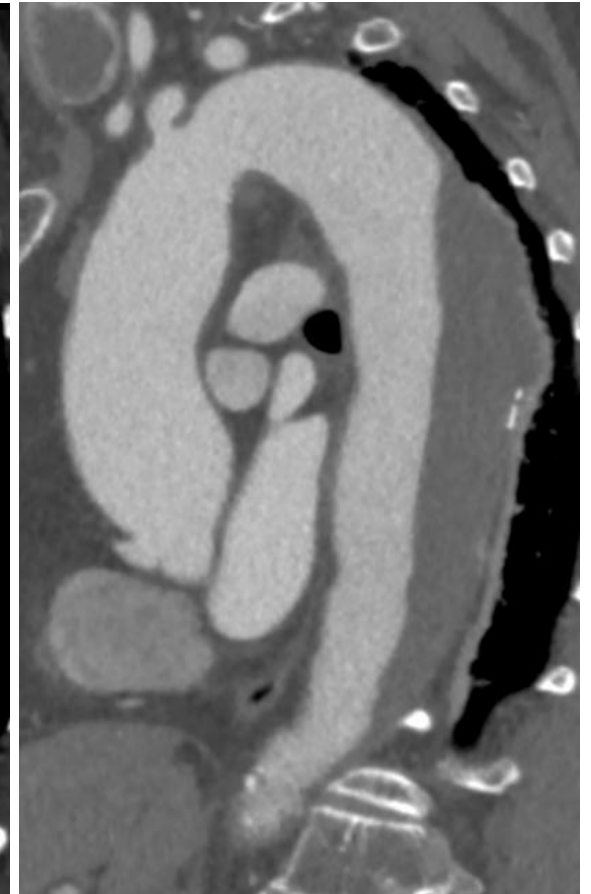
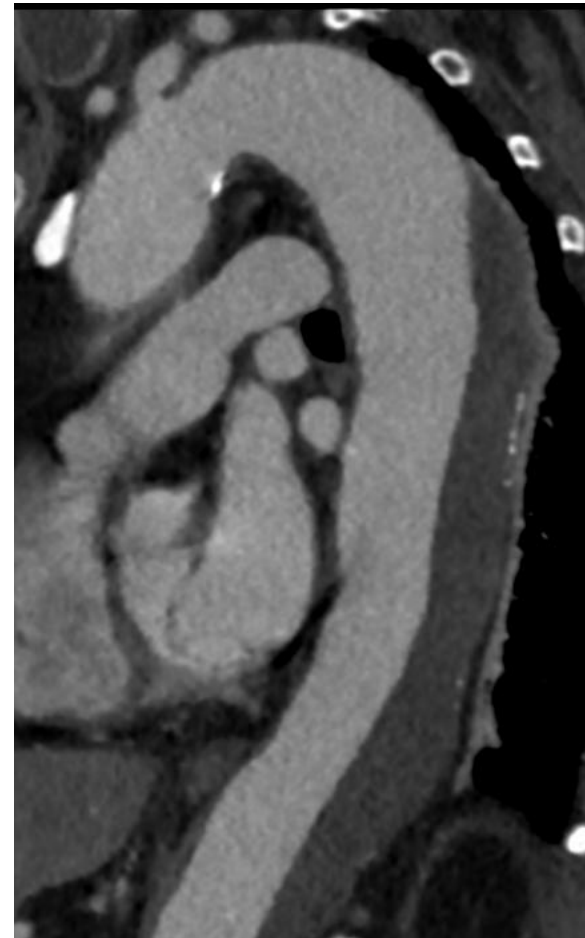
No migration, fracture, rupture

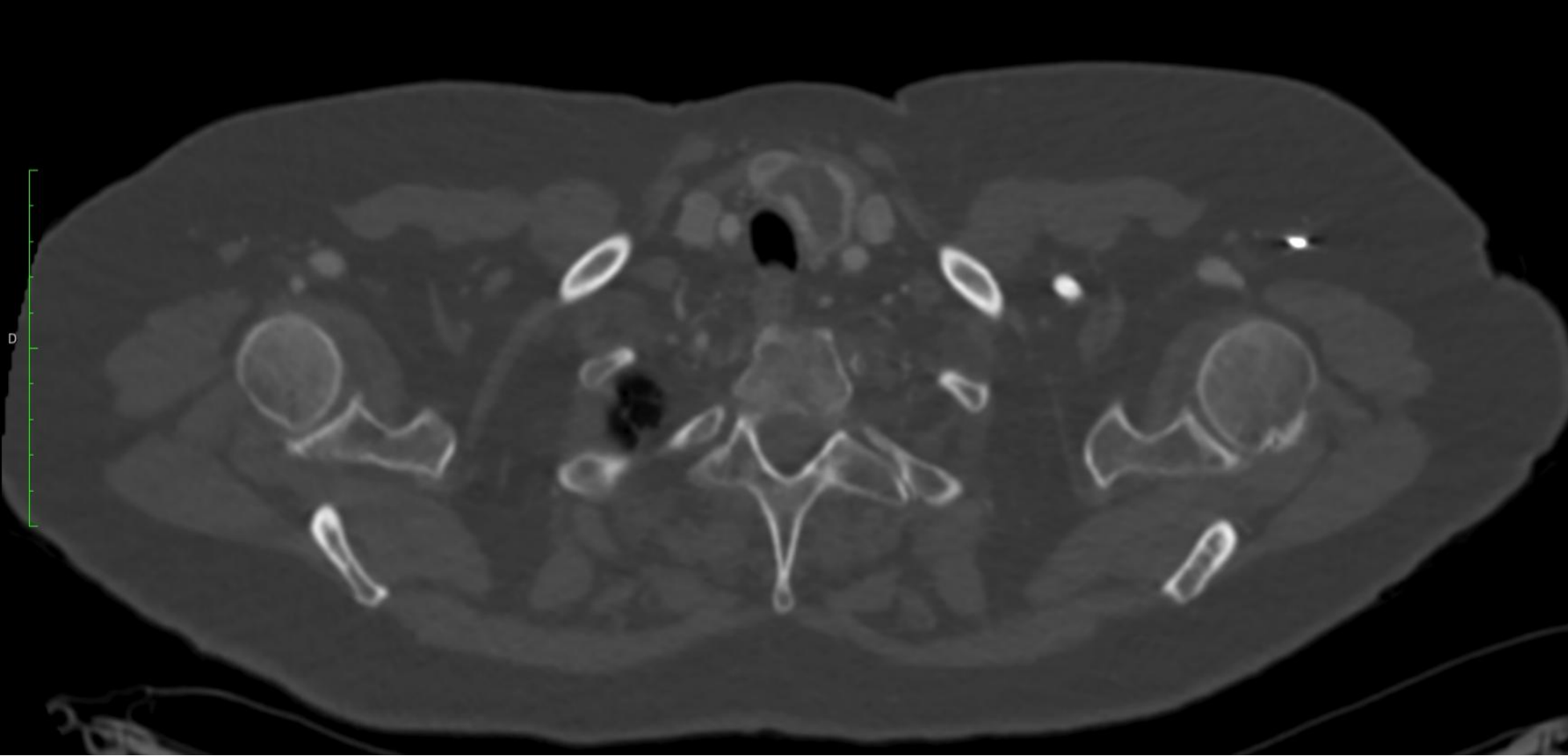
Zone 2 : 3% reinterventions, 2 side branch occlusions

Zone 1/0 : No reinterventions, loss of branch patency

# Mme C

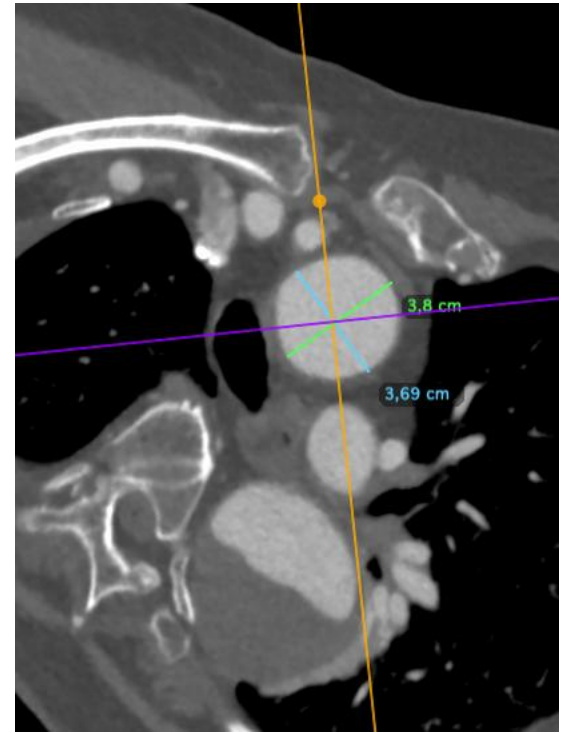
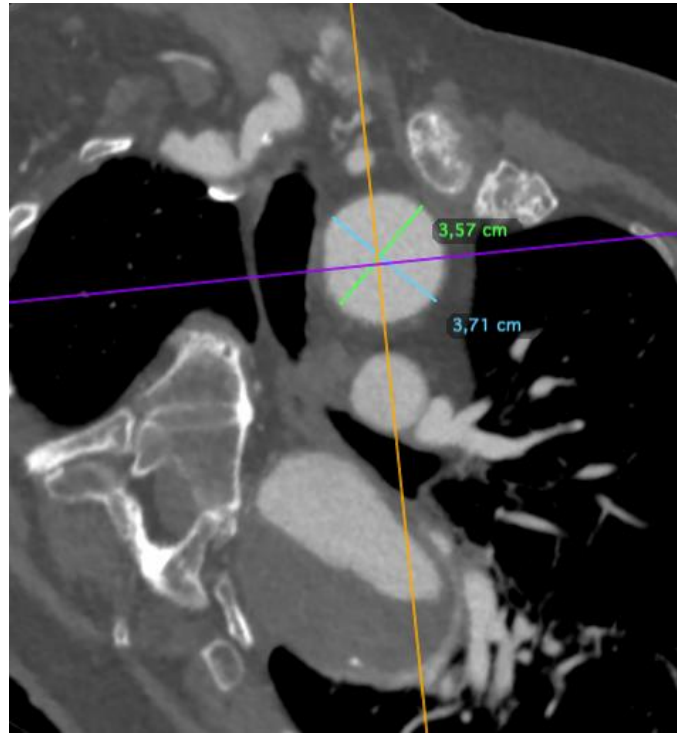
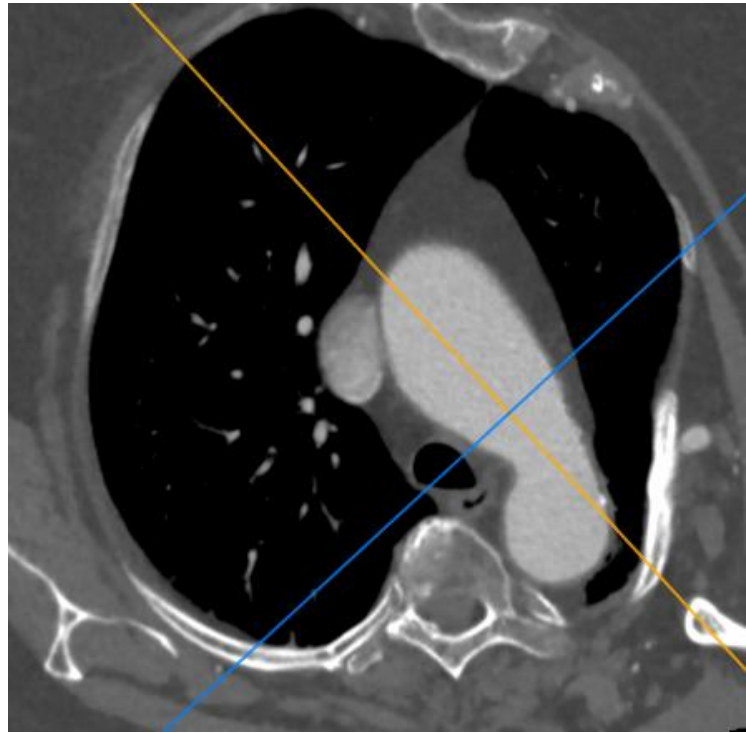
- 77 ans
- Douleur thoracique et évolution anévrysmale +8mm en 6 mois





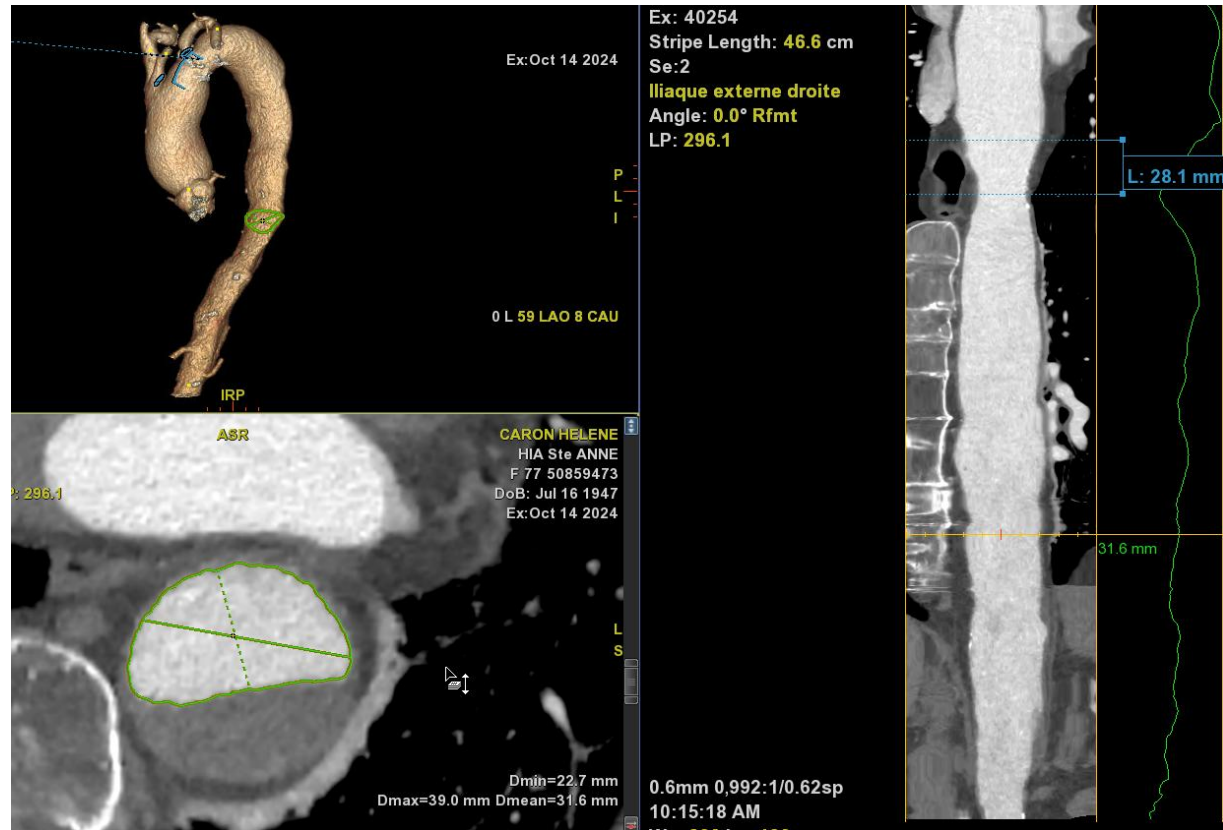
# Ms C

- Collet proximal 37-33 mm



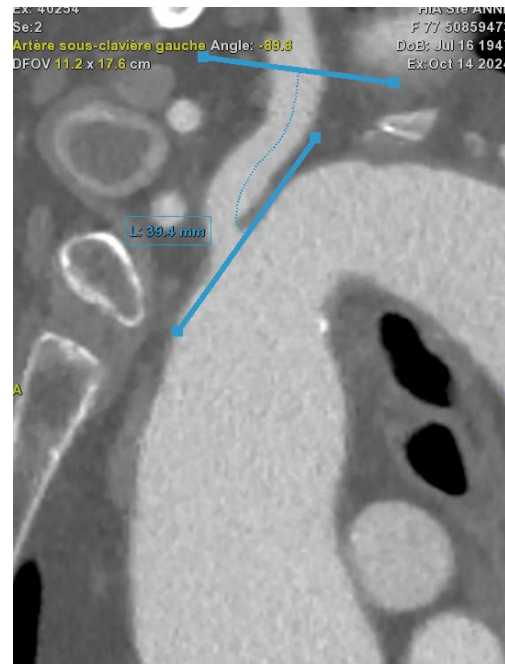
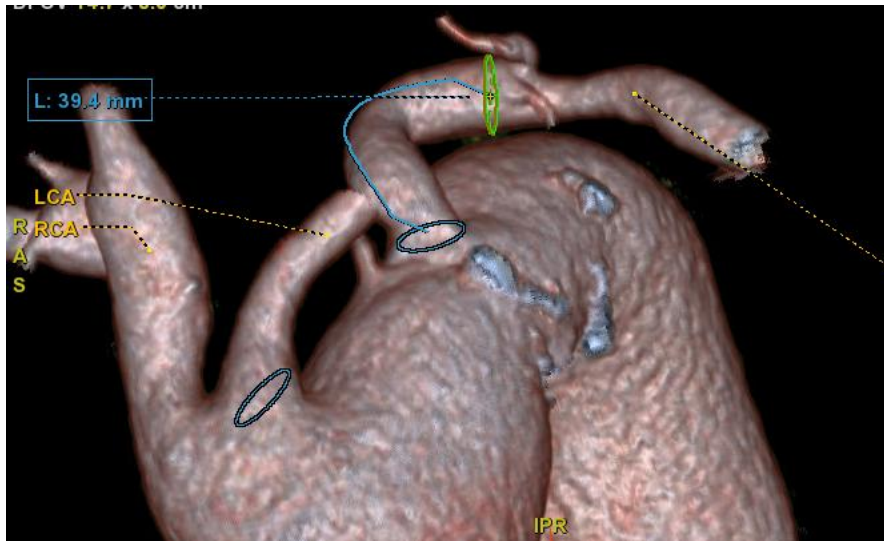
# Mme C

- Pas de collet distal
- Seconde etape: FEVAR

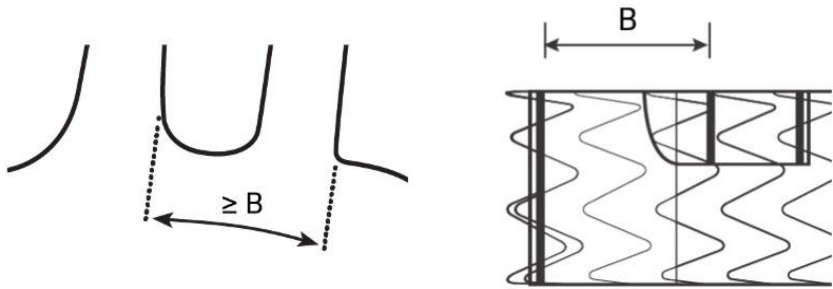


# Mme C

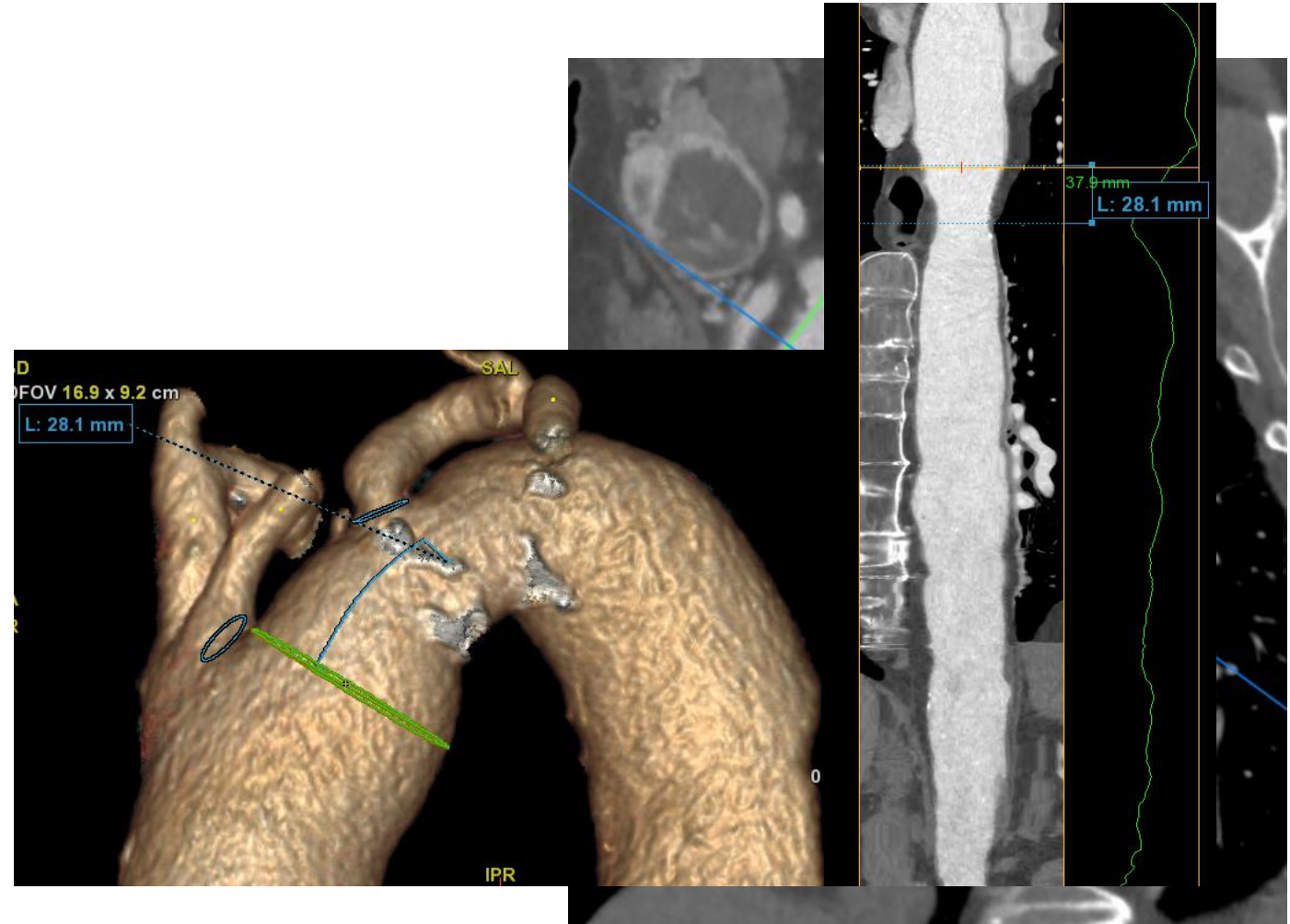
- LSA diameter 10-12 mm
- Length > 30 mm
- Angulation et tortuosité



- Mesure de la longueur utile



- Outer curve
- Center line



## TBE TAC 124015E

- Diameter 40 mm portal 12 mm
- length 15 mm
- Proximal cover length 34 MM

**Aortic Component sizing guide – Device dimensions and sizing requirements**

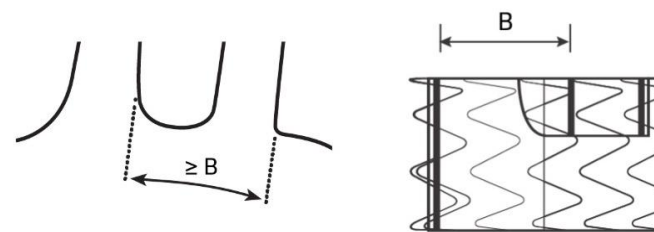
Catalogue number*	Device diameter (mm)	Intended aortic diameters (mm)	Internal portal diameter (mm)	A: Proximal segment length (mm)	B: Proximal covered length (mm)	Partially uncovered stent length (mm)	Overall device length (cm)	GORE® DRYSEAL Flex Introducer Sheath size (Fr)
TAC0821XXE	21	16-19.5	8	20	17	3	10	20
TAC0826XXE	26	19.5-24	8	20	16	4	10/15	20
TAC0828XXE	28	22-26	8	20	16	4	10/15/20	22
TAC0831XXE	31	24-29	8	20	16	4	15/20	22
TAC0834XXE	34	27-32	8	20	15	5	15/20	24
TAC0837XXE	37	29-34	8	25	20	5	15/20	24
TAC0840XXE	40	31-37	8	25	19	6	15/20	26
TAC0845XXE	45	34-42	8	25	18.5	6.5	15/20	26
TAC1231XXE	31	24-29	12	40	36	4	15/20	22
TAC1234XXE	34	27-32	12	40	35	5	15/20	24
TAC1237XXE	37	29-34	12	40	35	5	15/20	24
TAC1240XXE	40	31-37	12	40	34	6	15/20	26
TAC1245XXE	45	34-42	12	40	33.5	6.5	15/20	26

\*XX represents the overall length

9

## Side branch TSB 12-15-06

## CTAG 40-40-15

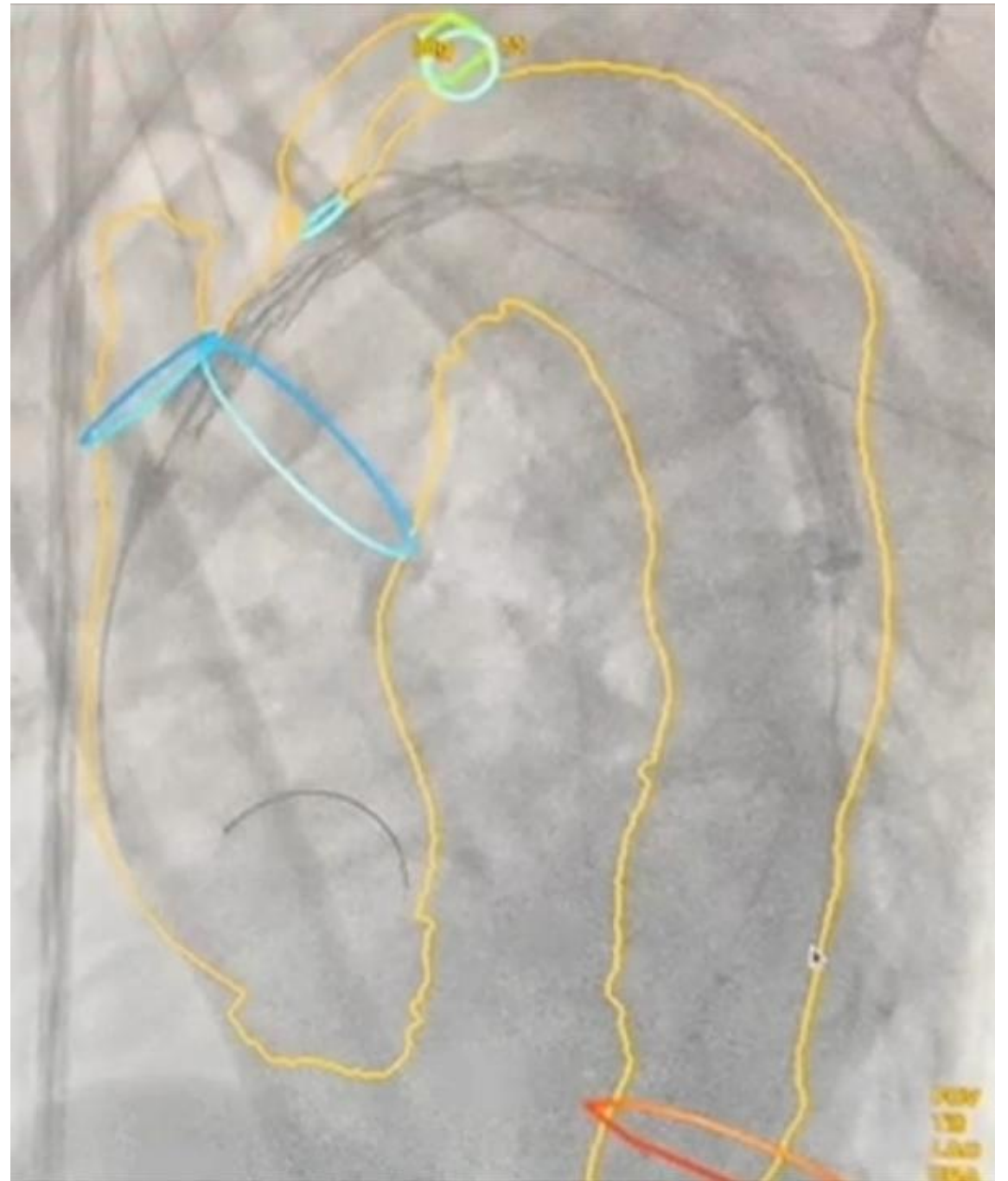




# Position des marqueurs



# L'usage de la prothèse



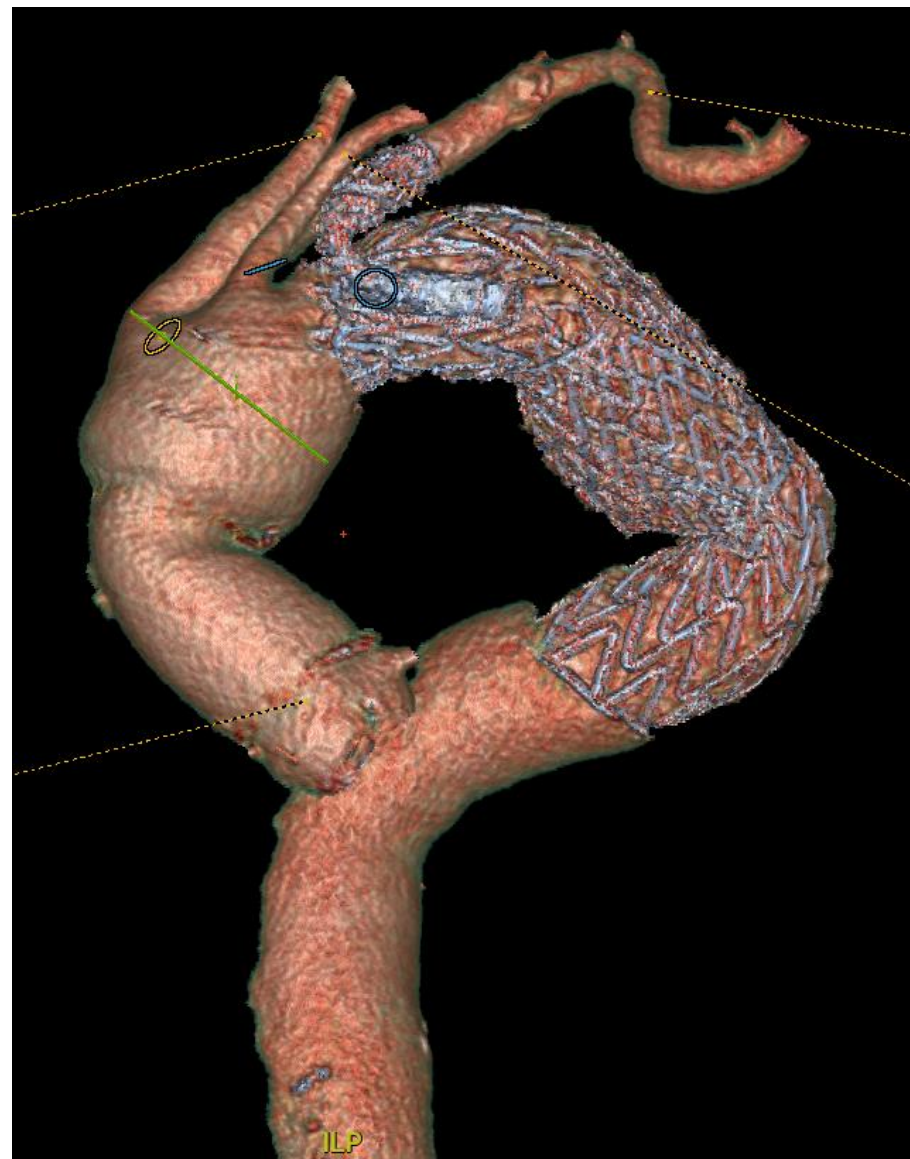
Branche sous clavière





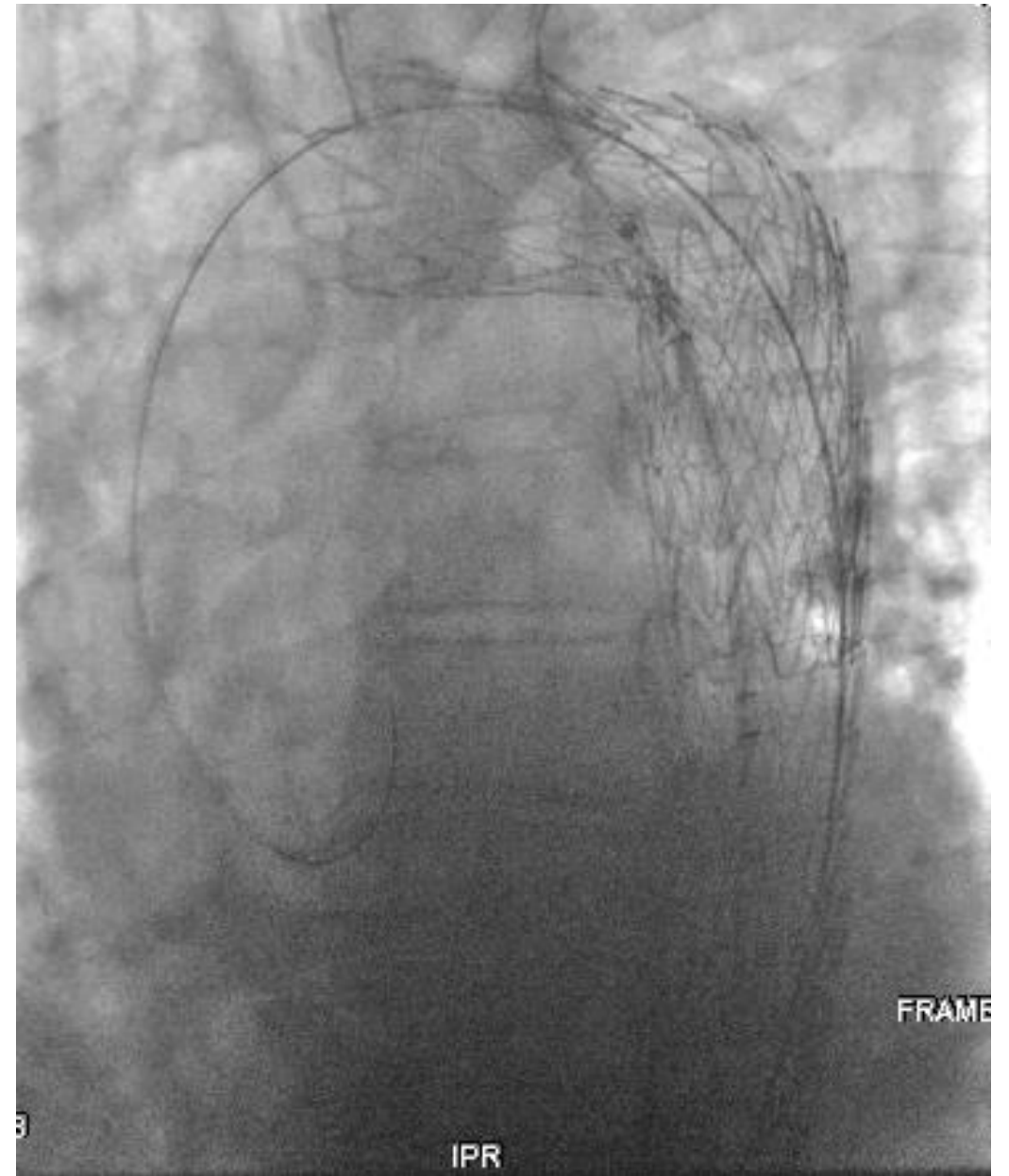
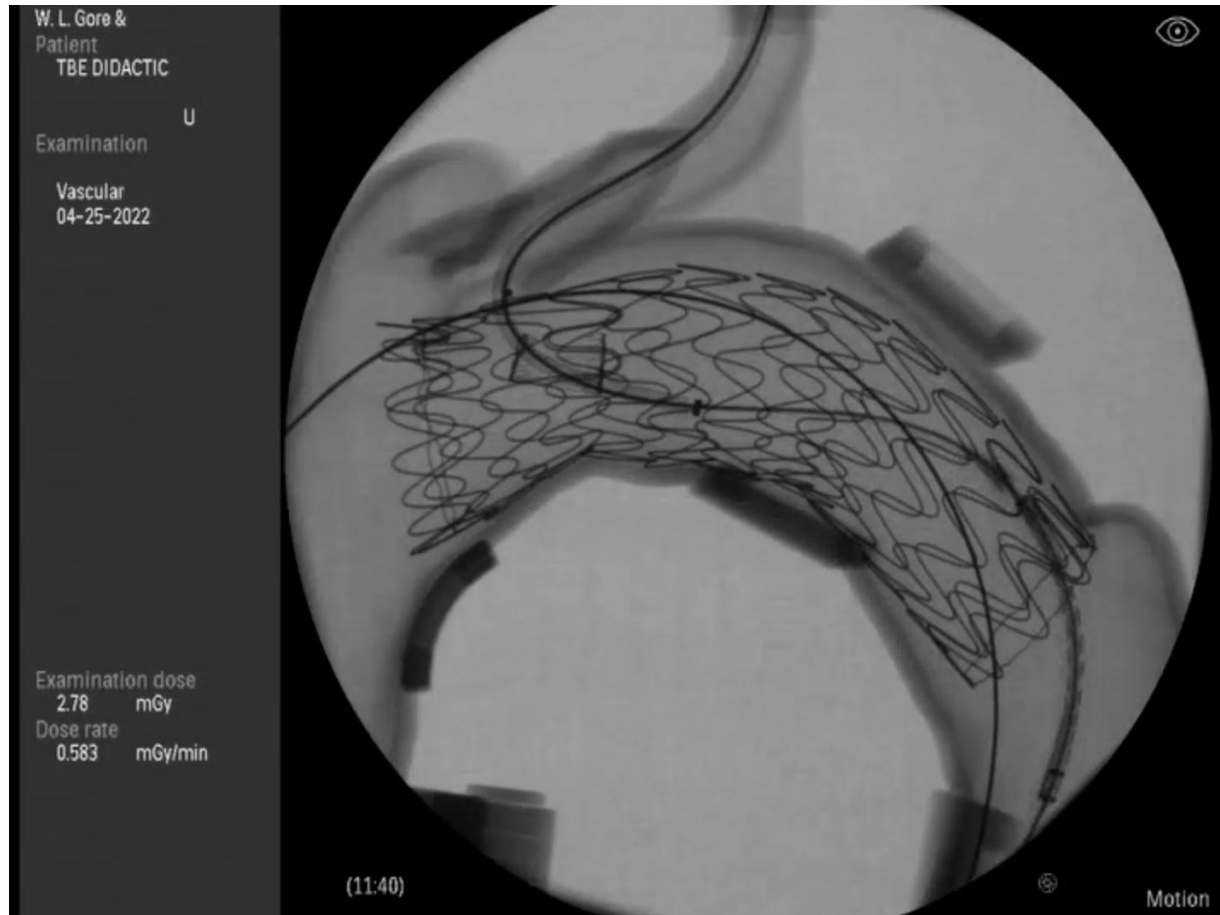


# Téléphérique recommandé



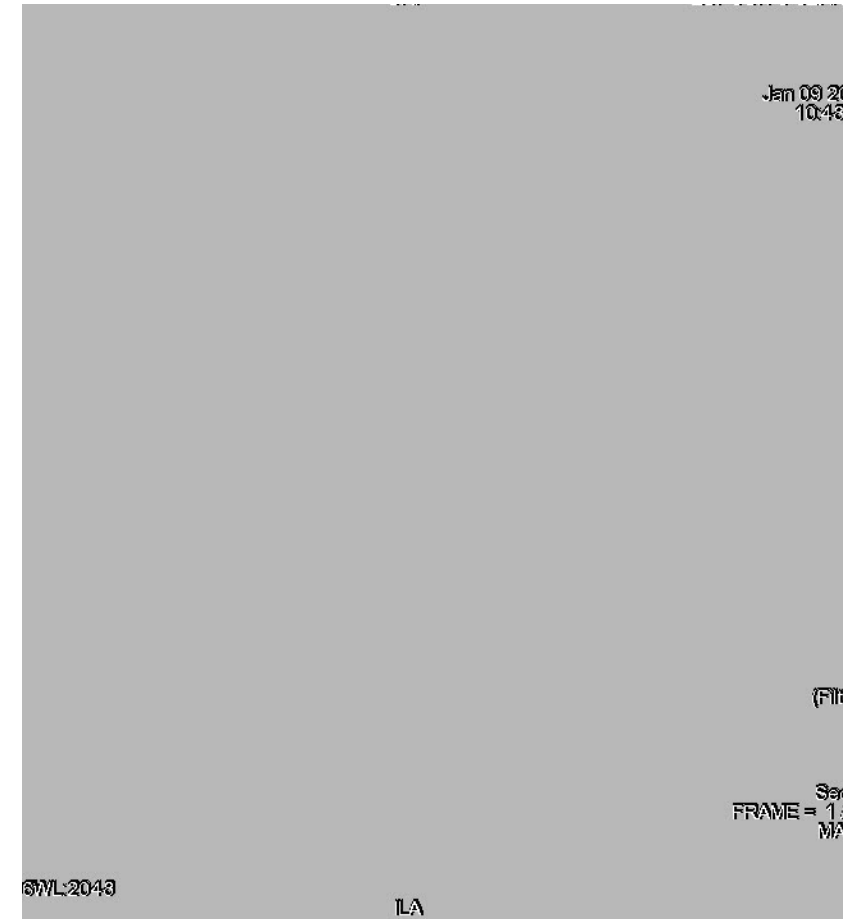
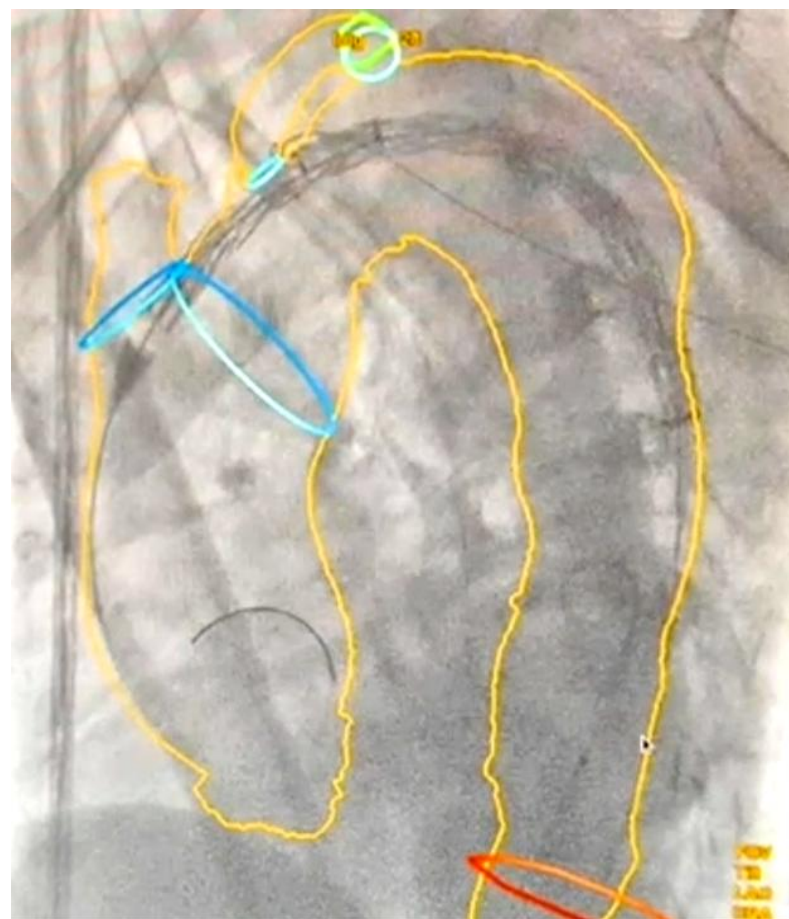
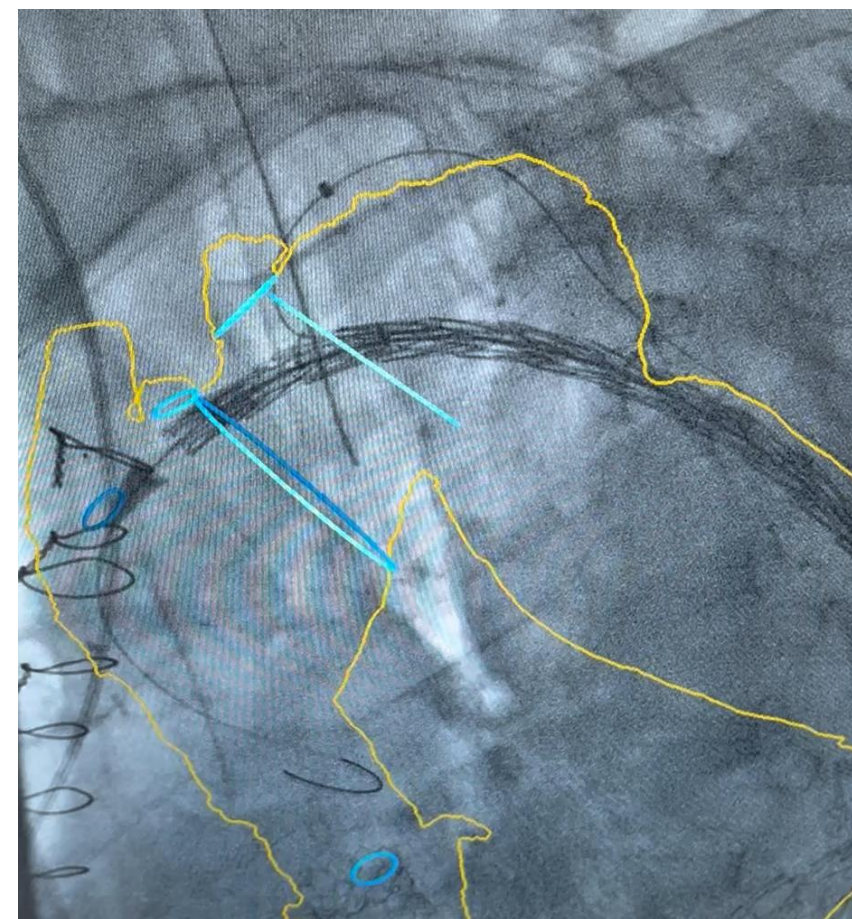
# Téléphérique recommandé

- Positionnement de la branche



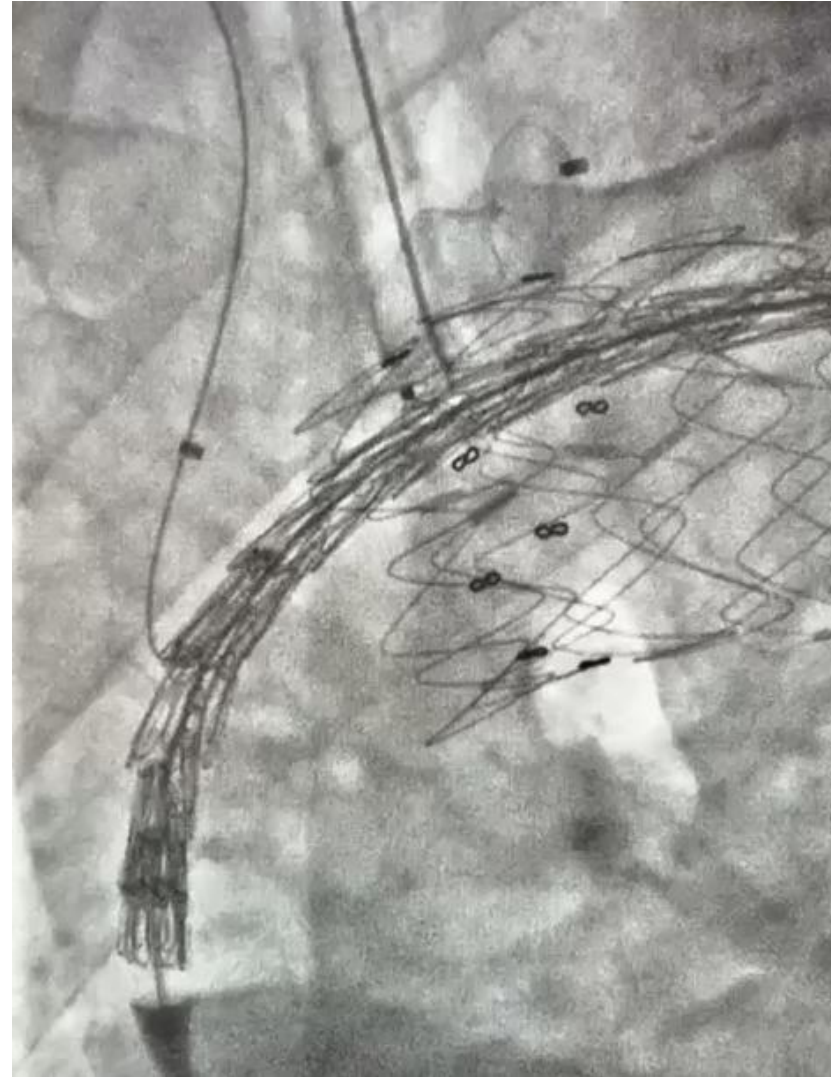
# Téléphérique recommandé

- Positionnement de l'endoprothèse sur la courbure externe



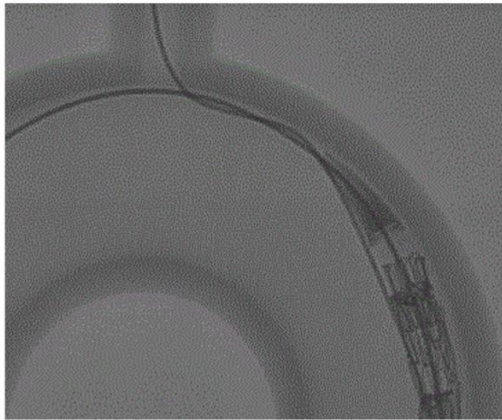
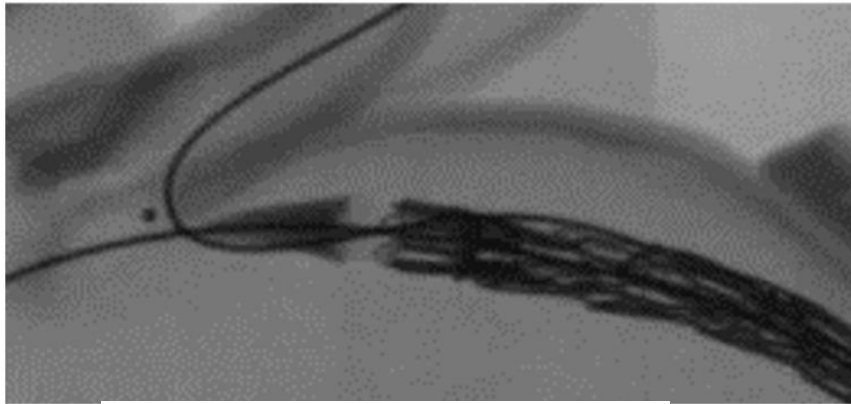
# Téléphérique recommandé

- Positionnement de l'endoprothèse sur la courbure externe

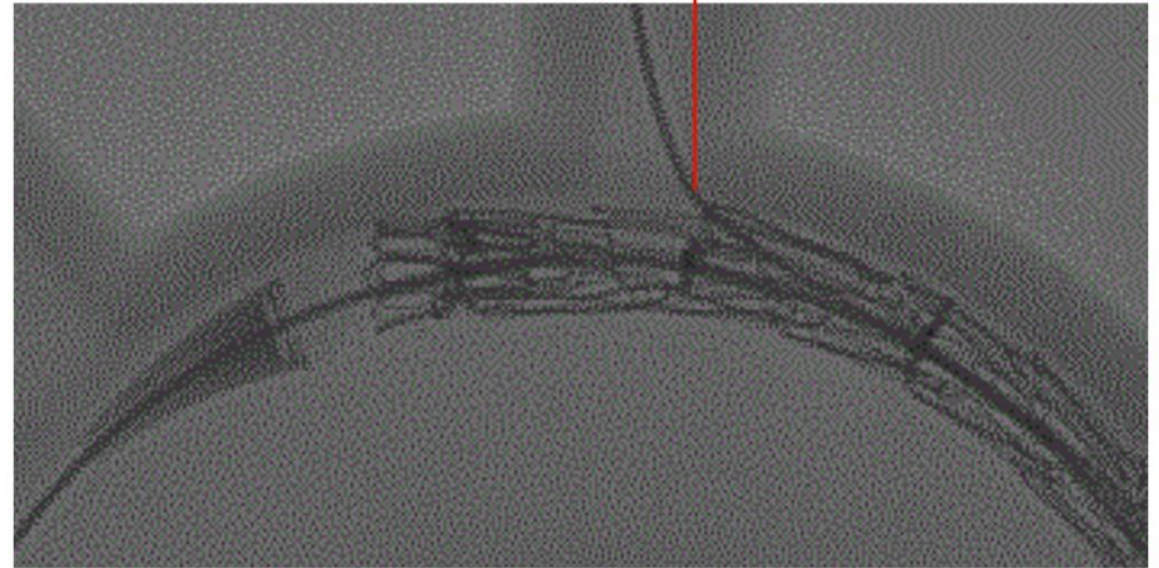


# Orientation de la prothèse

**X NO**



**✓ YES**

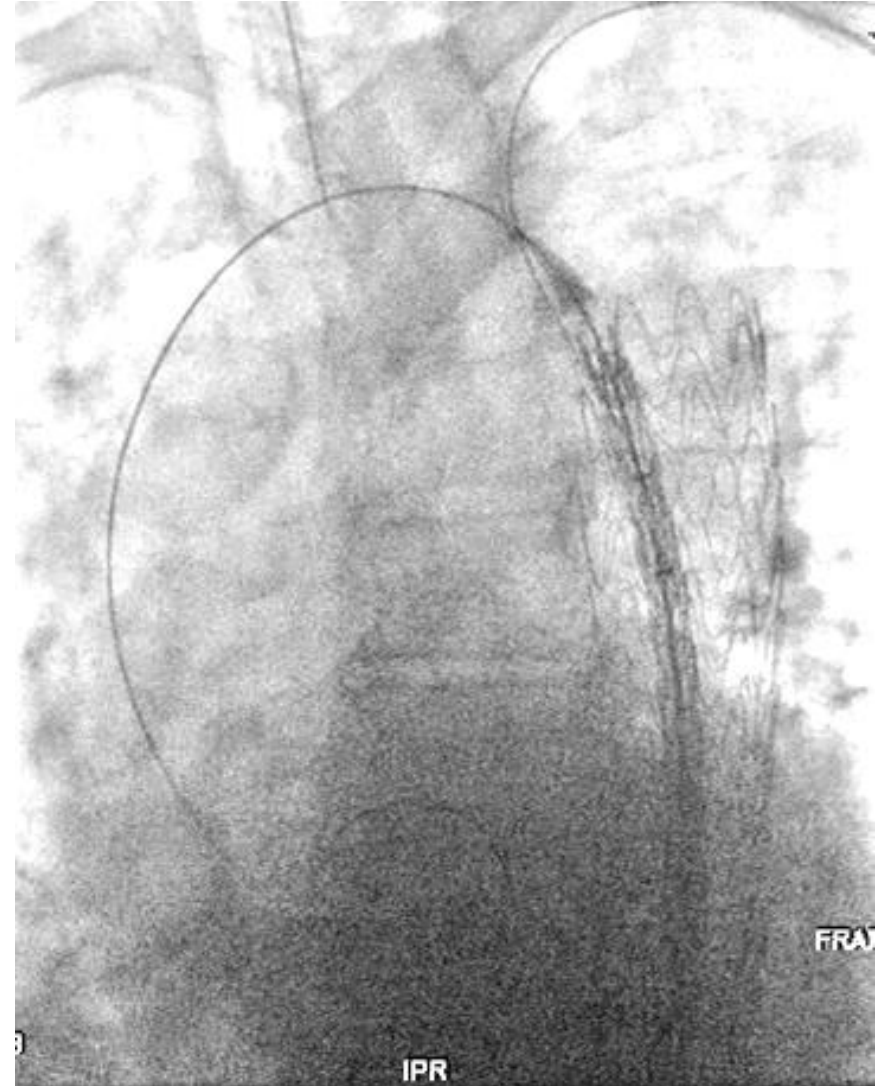
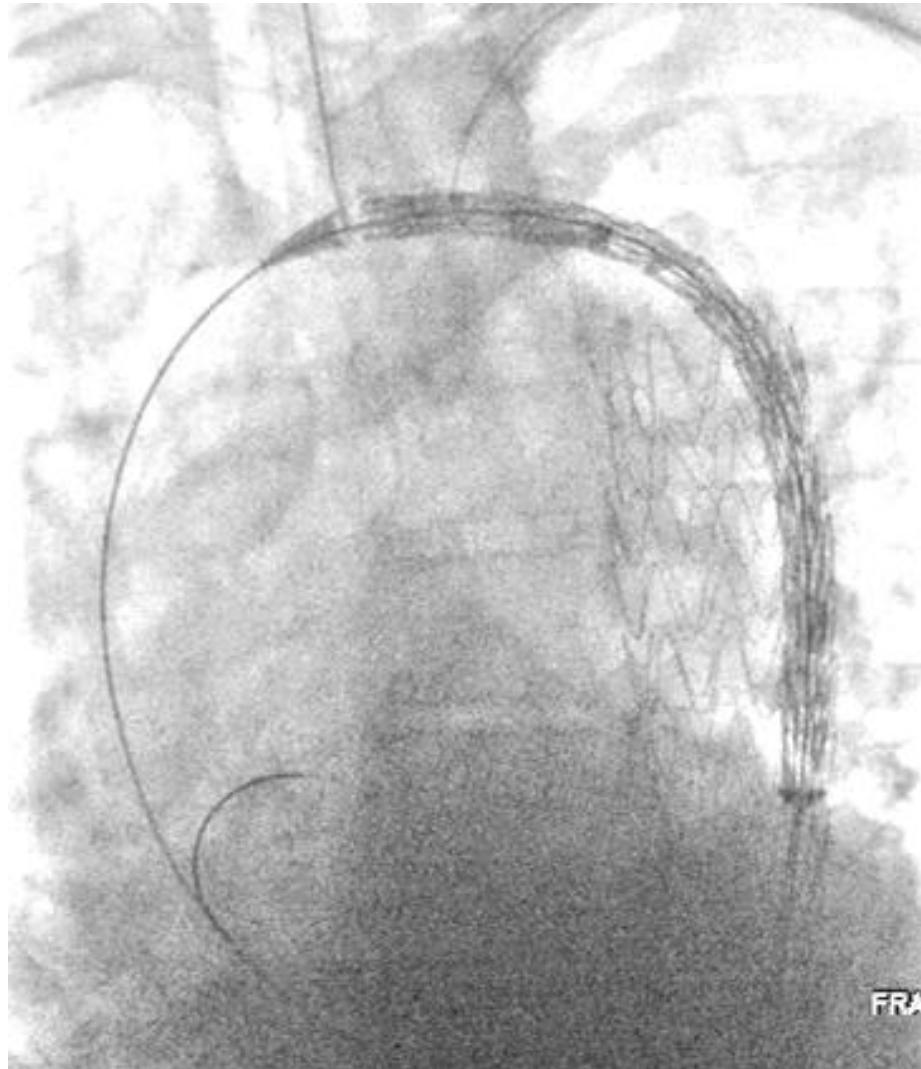


Branch guidewire extending from the delivery catheter

Retirer et repousser le landerquist

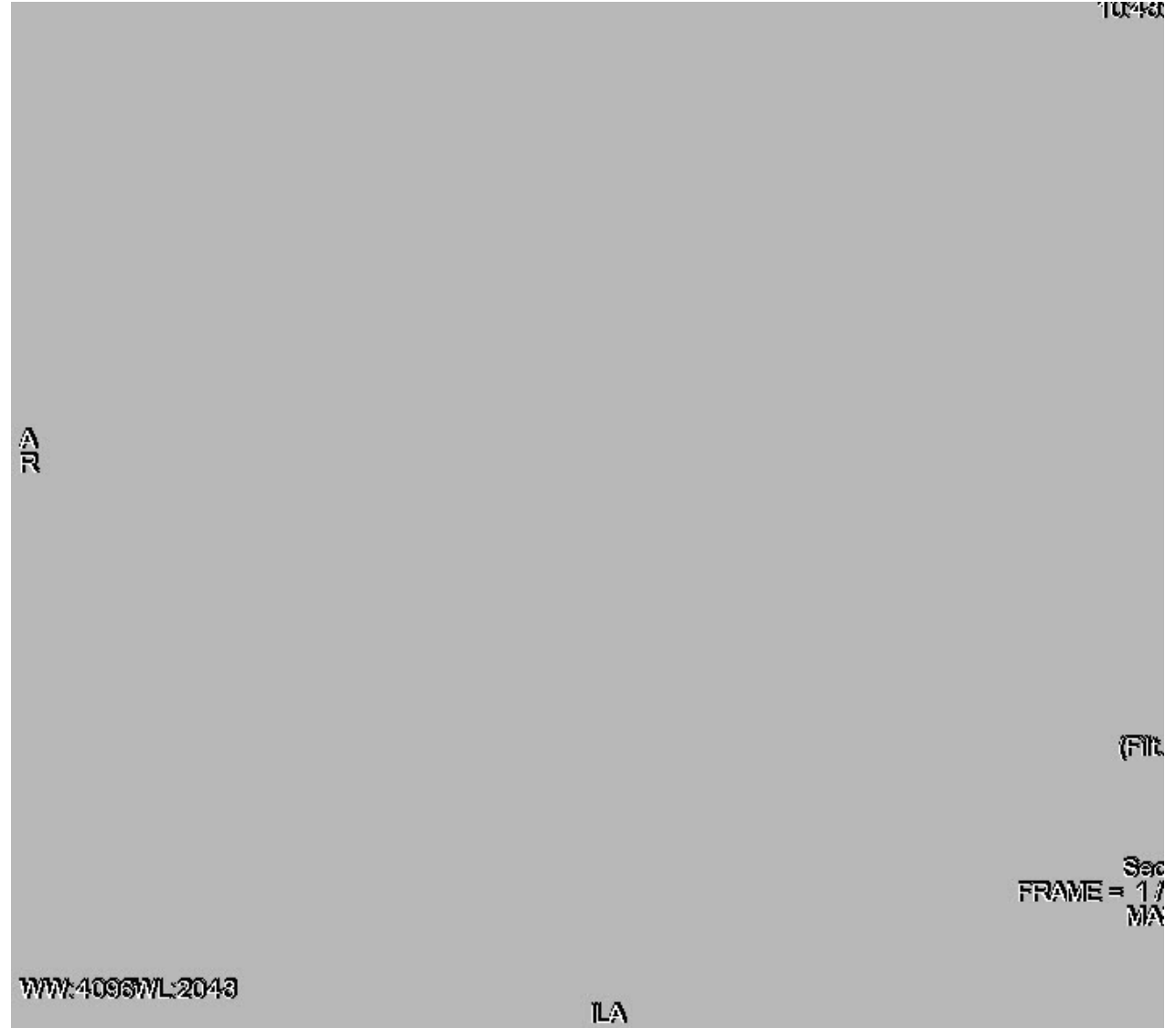
# Orientation de la prothèse

- Rotation dans l'aorte descendante rectiligne



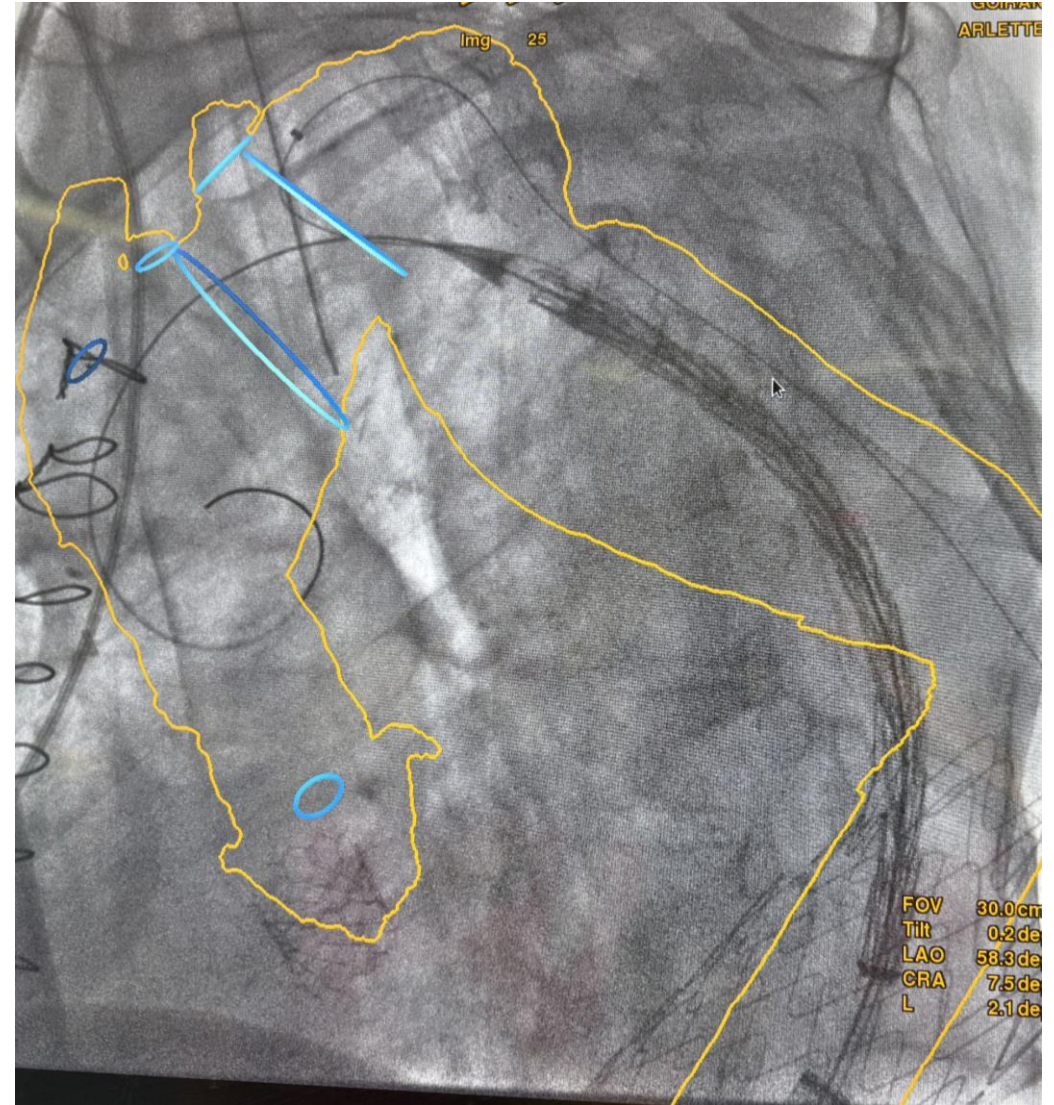
# Orientation de la prothèse

- Introducteur long en cas de tortuosité



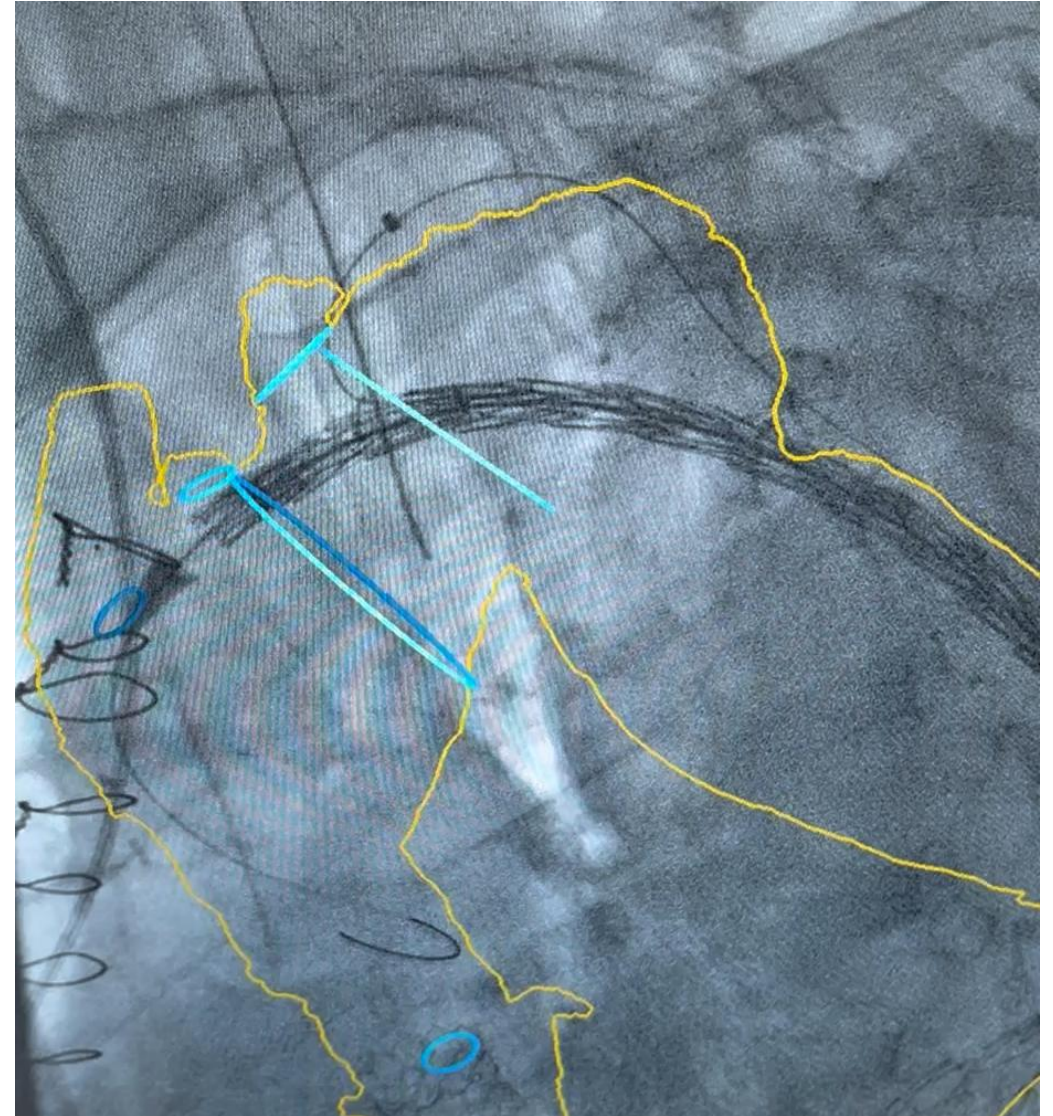
# Orientation de la prothèse

- Introducteur long en cas de tortuosité



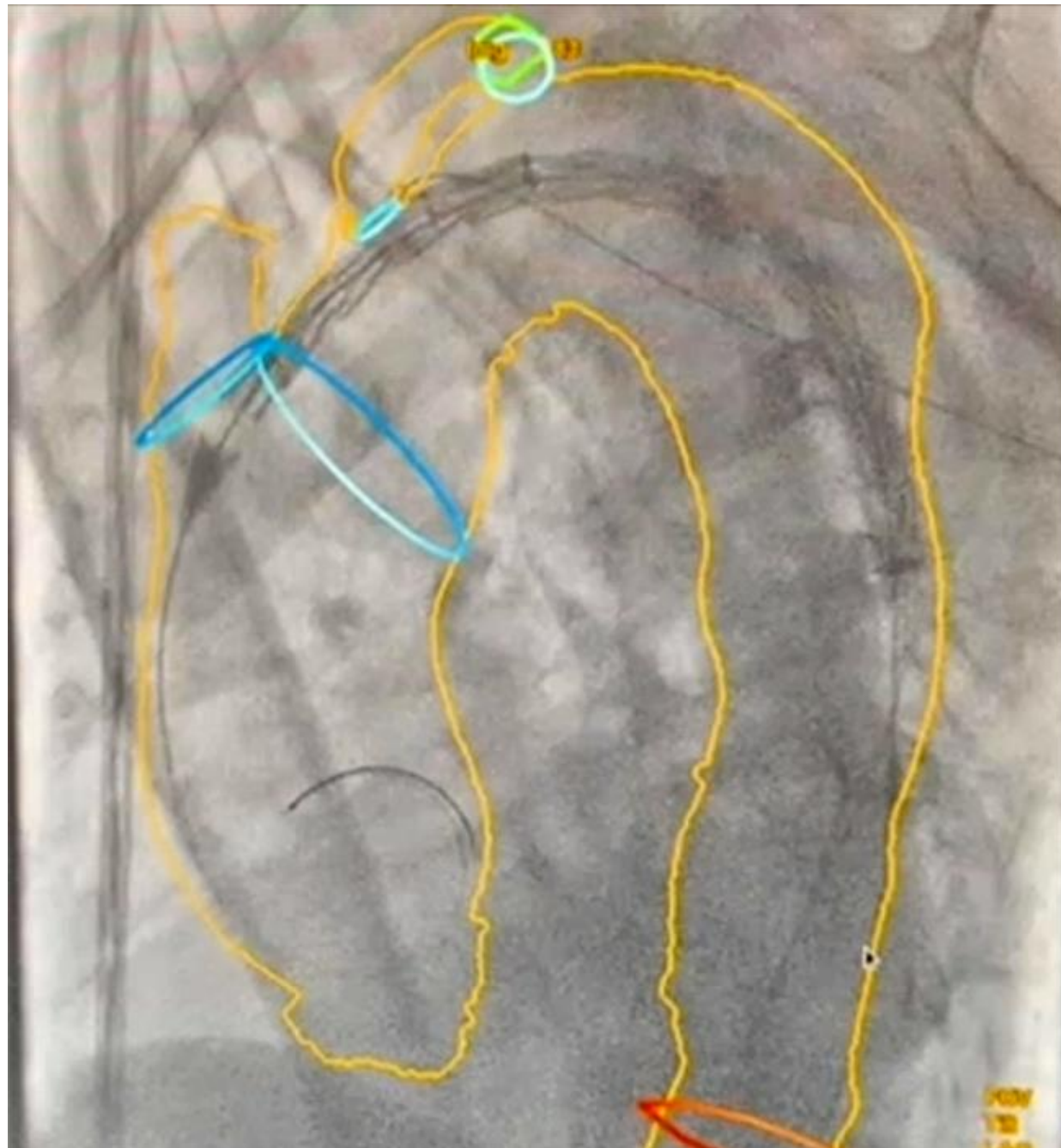
# Orientation de la prothèse

- Introducteur long en cas de tortuosité



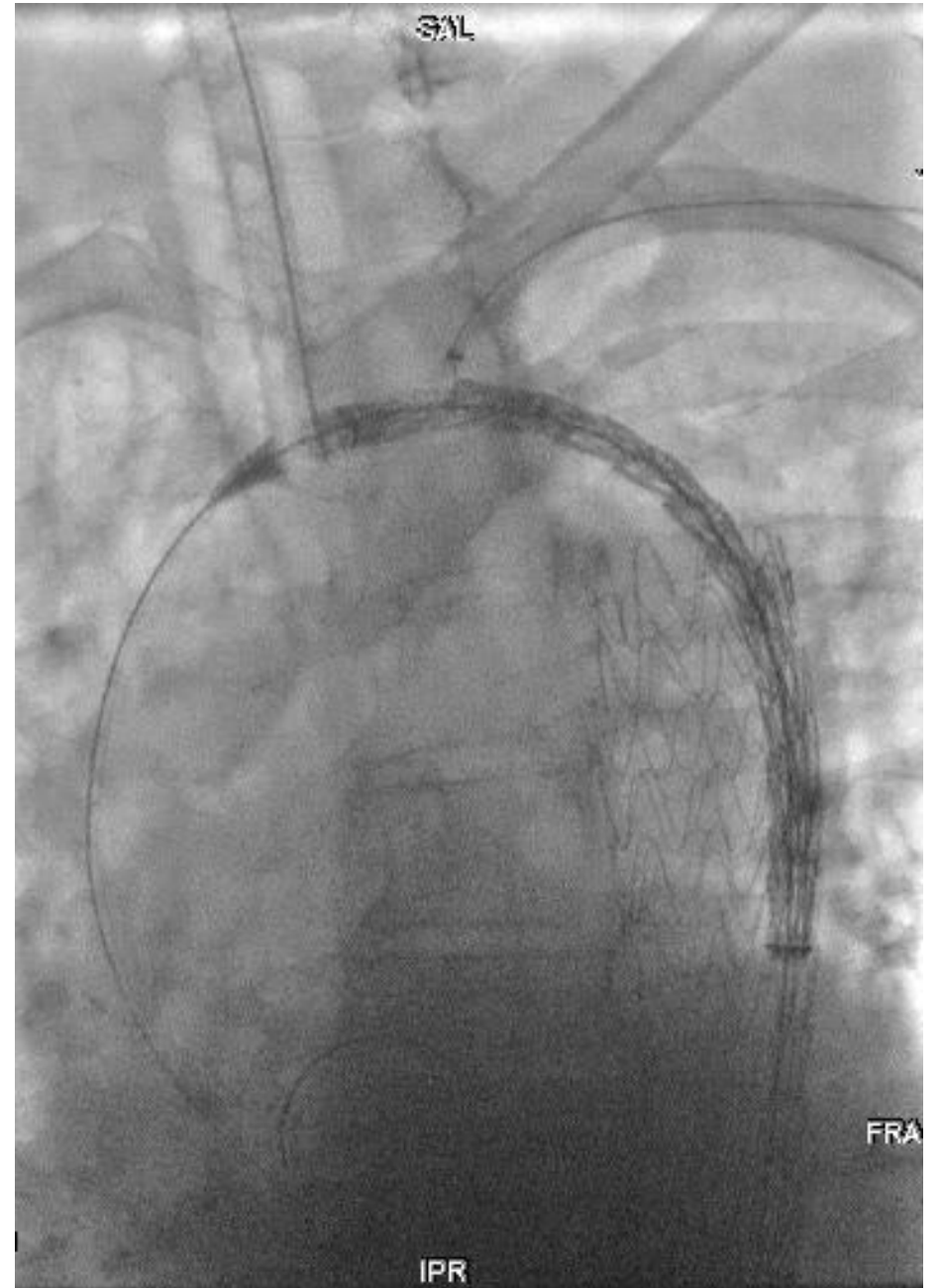
# language

- Rapide < 2s



# language

- Rapide  $< 2s$



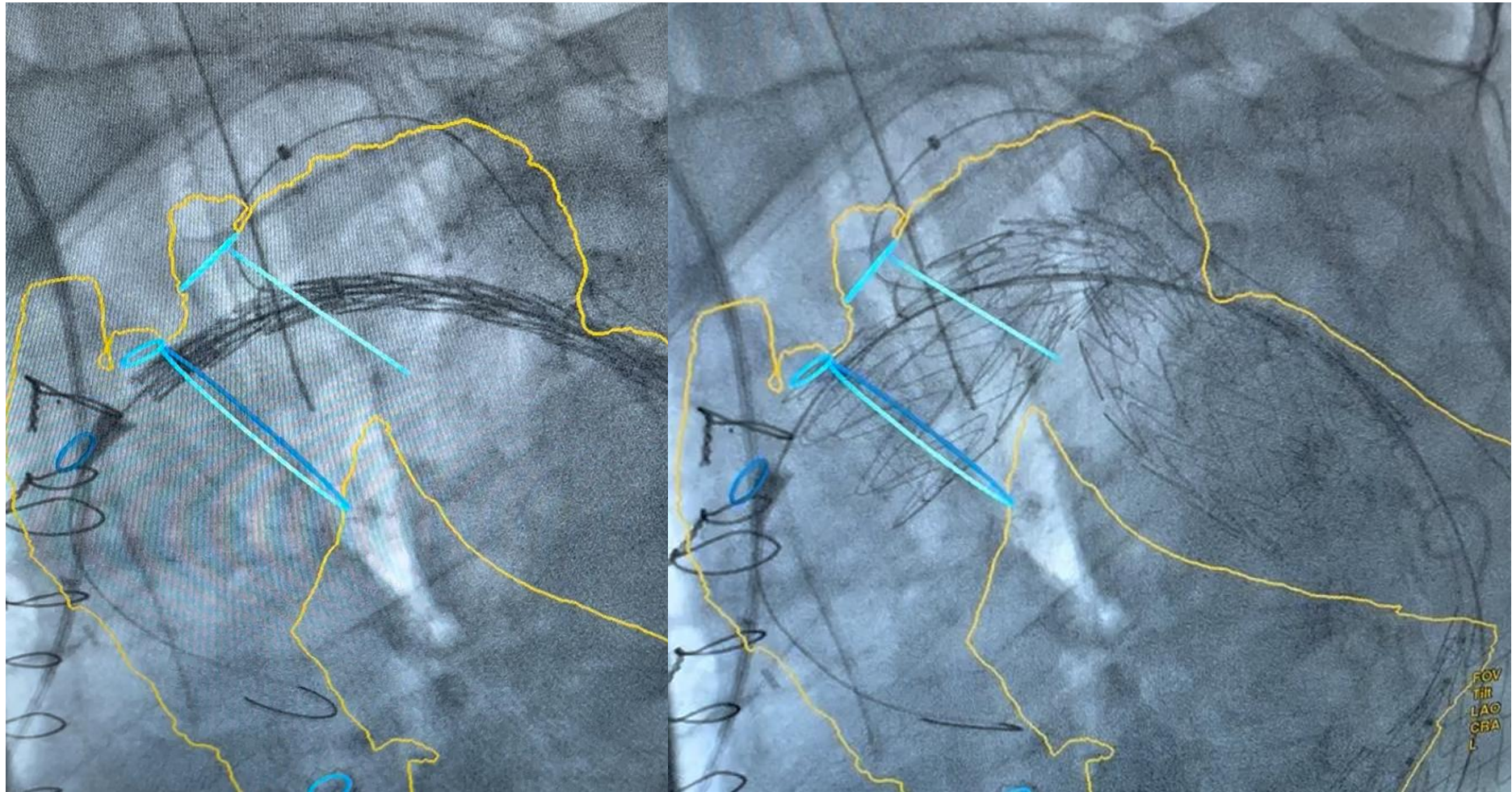
# language

- Rapide  $< 2s$

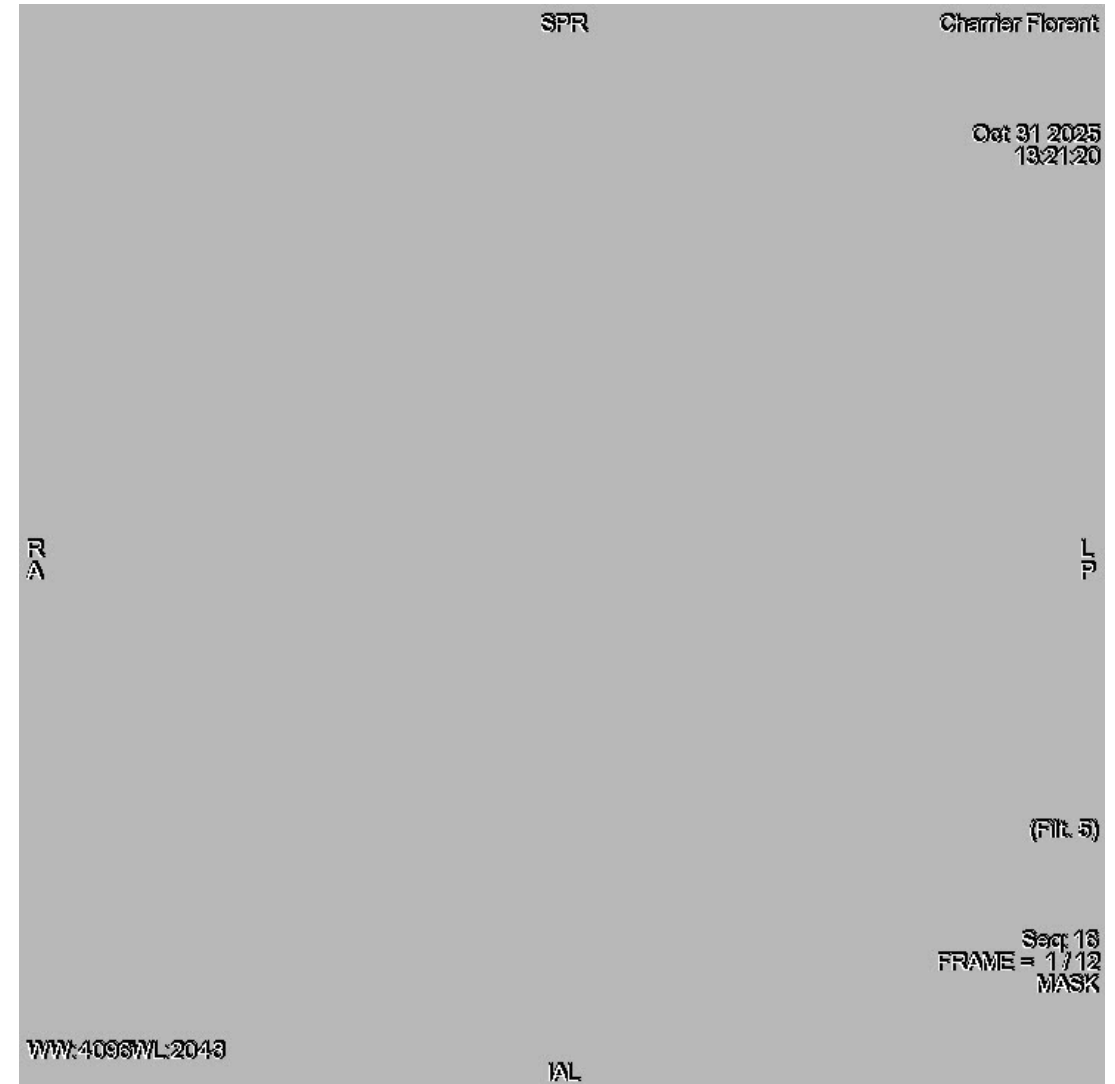
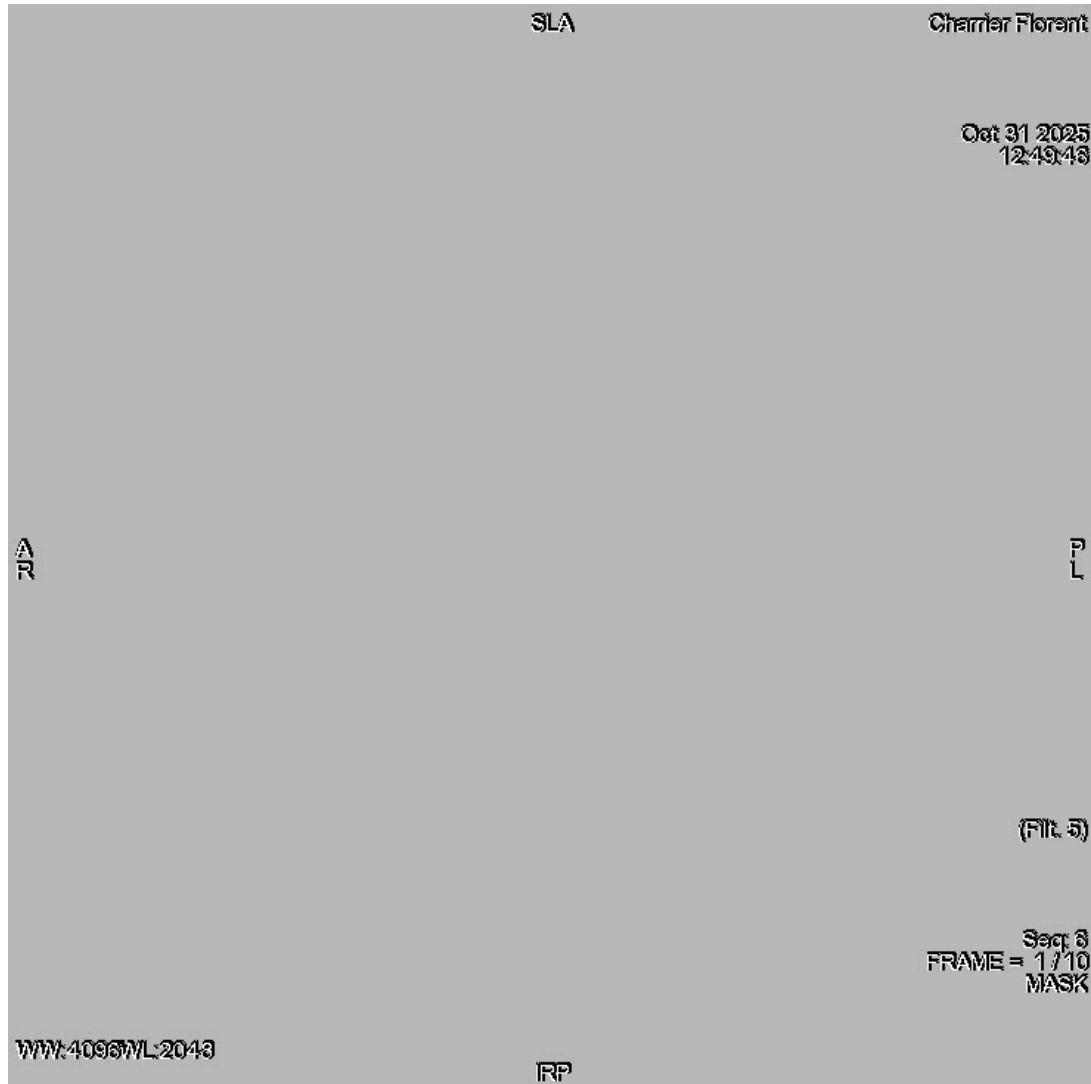


# language

- Rapide  $< 2s$



# language



SP

Charrier Florent

Oct 31 2025  
13:33:59

R  
A

U  
L

(Fit. 5)

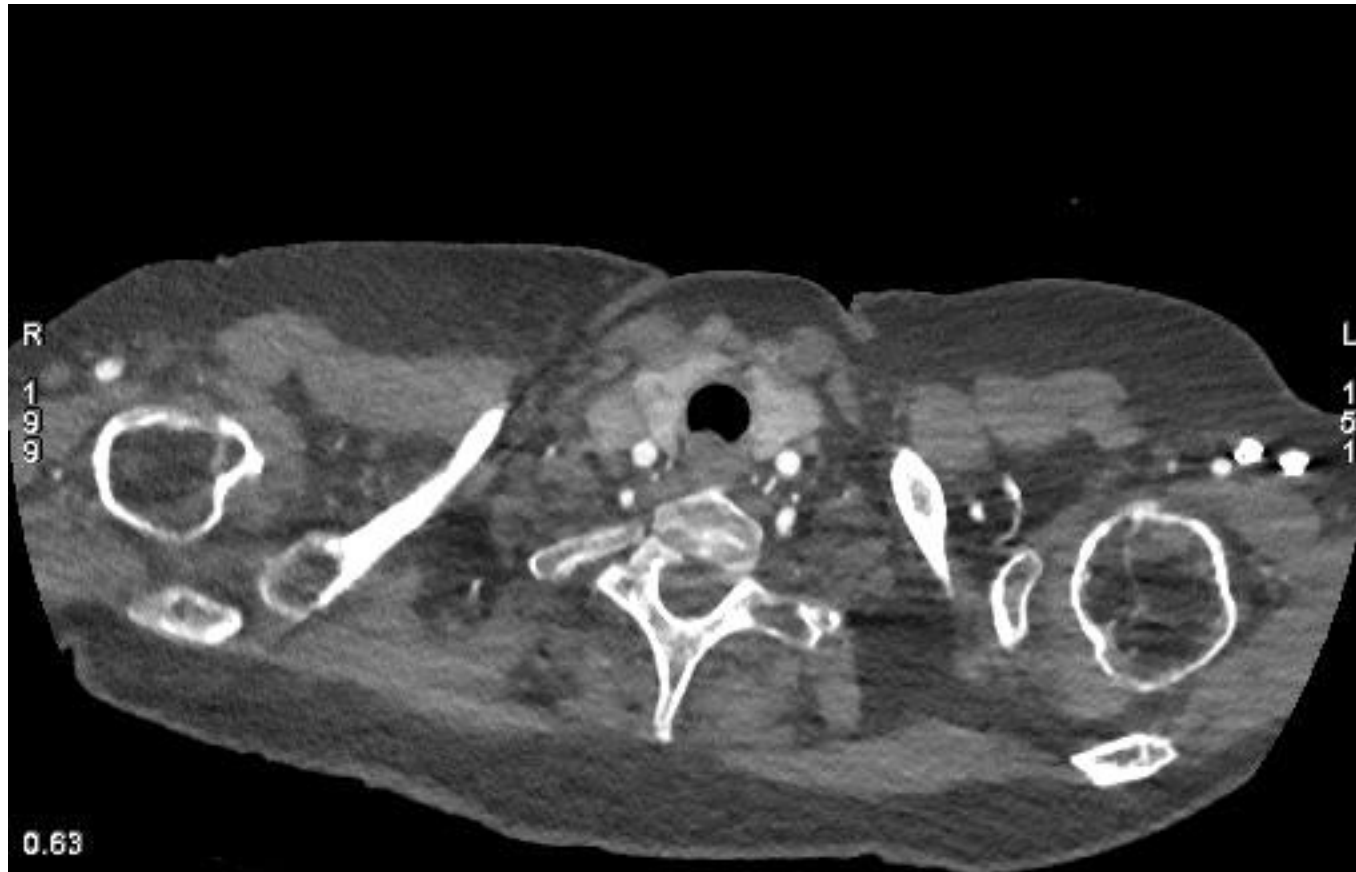
Seq: 19  
FRAME = 1 / 11  
MASK

WWW-4096WL-2043

IA

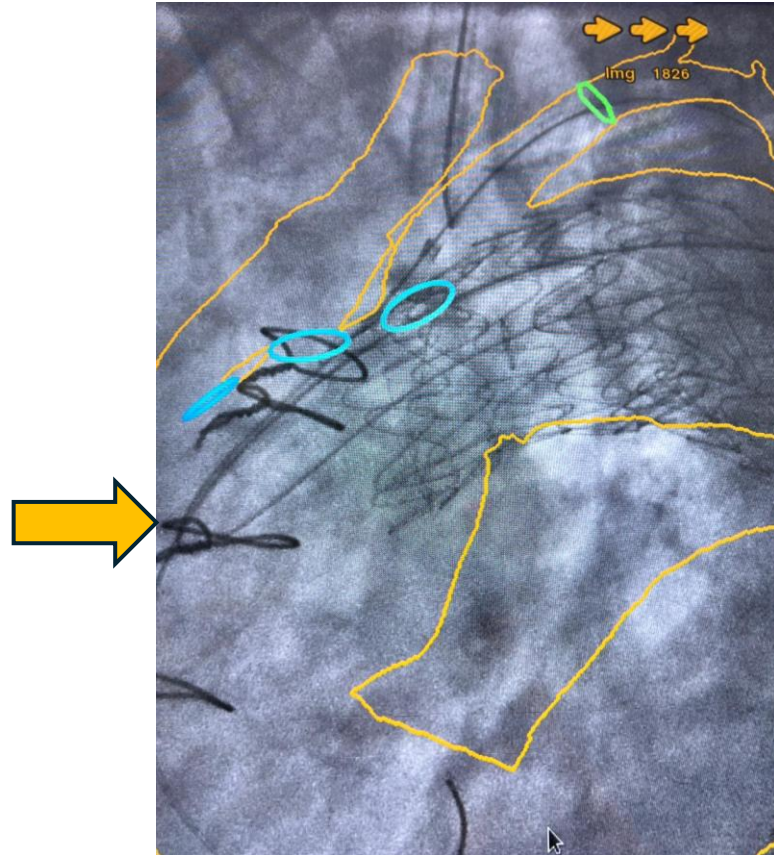
# Mme S, 67 ans

- Anévrisme 60 mm



# Mme S, 67 ans

- Tension sur le téléphérique



3WL:2043

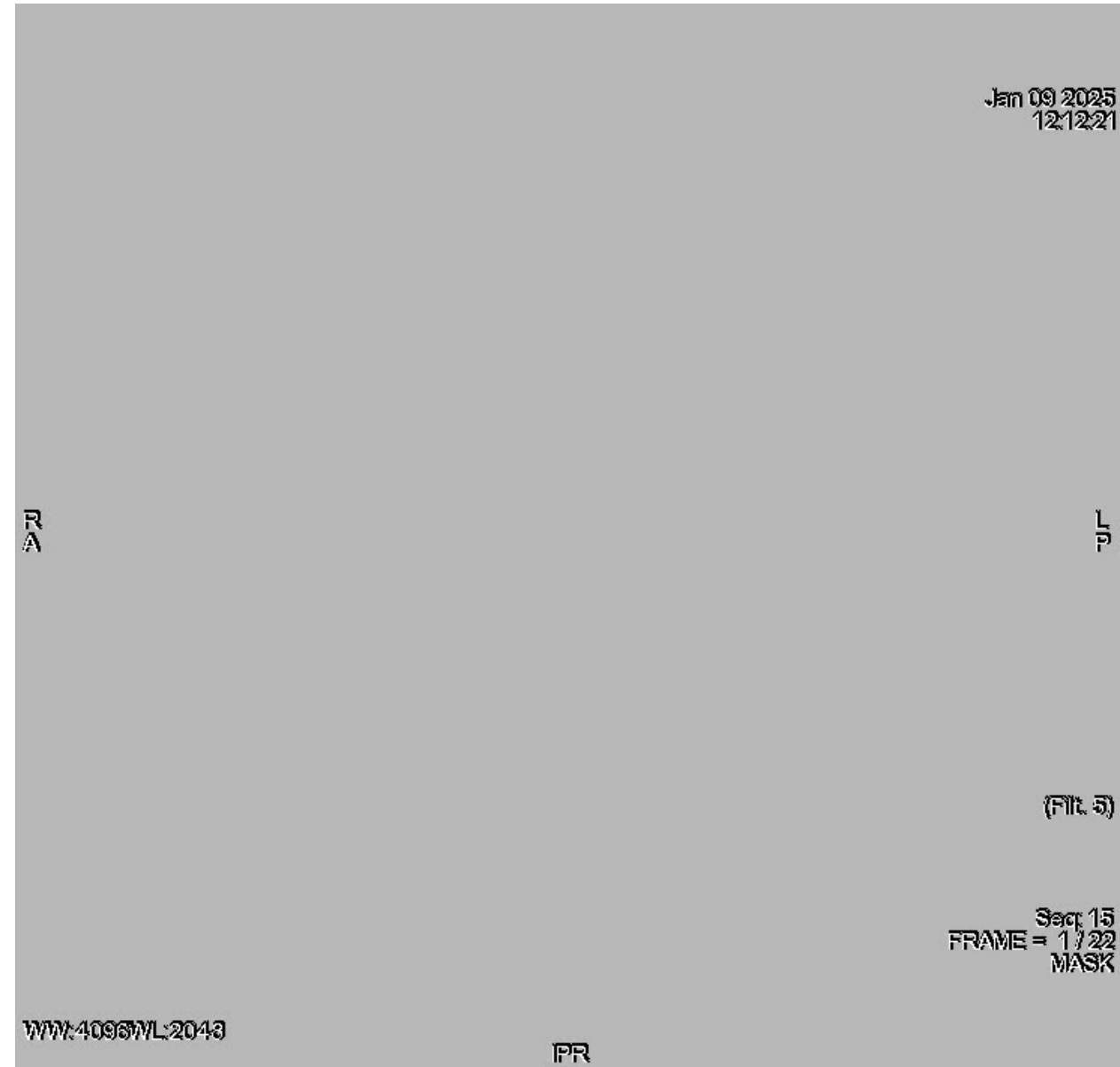
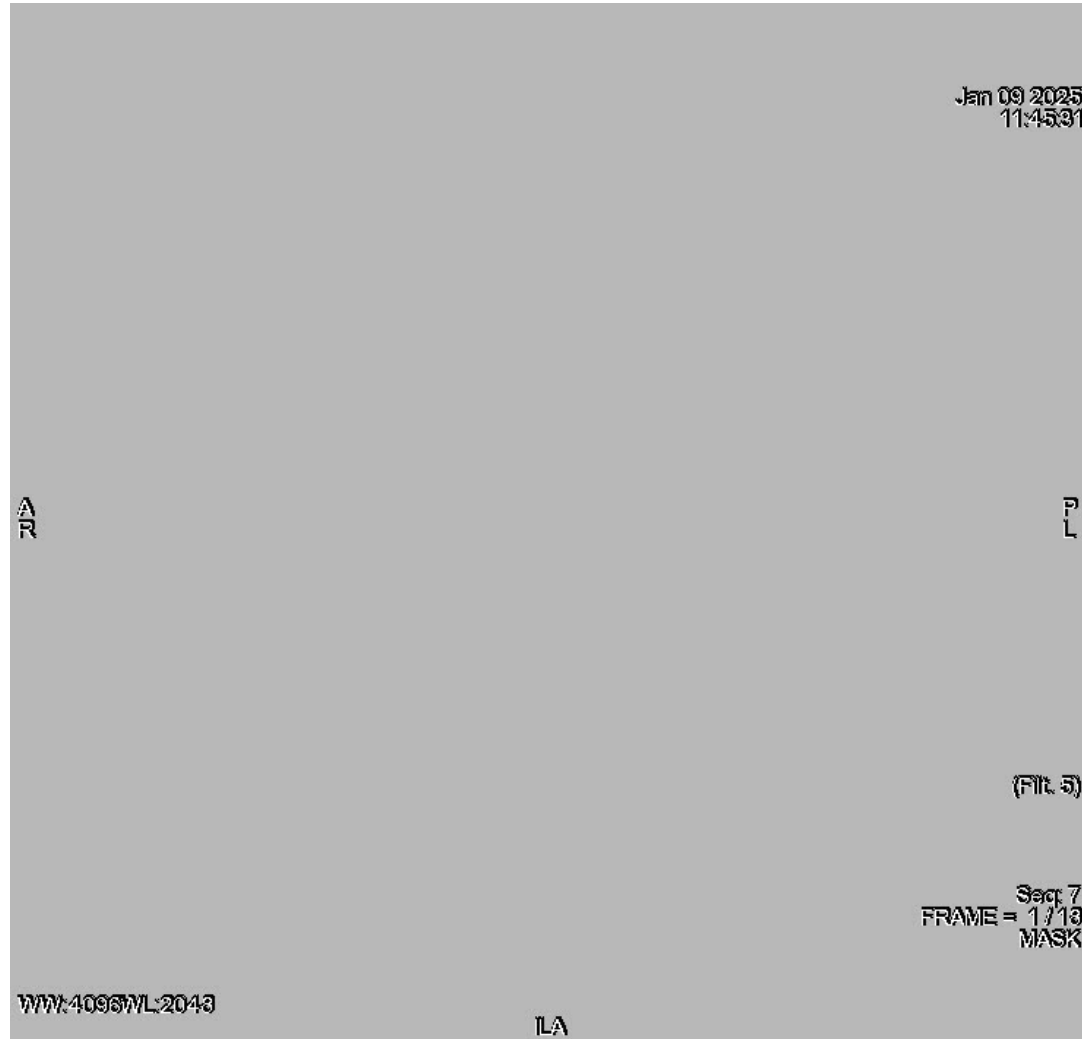
ILA

FRA

Mme S, 67 ans



# Mme S, 67 ans



# Conclusion

