

5 6 7
JUN 2019

A « lasso » de la Corevalve

Dr Laura GAGLIARDI



PATIENTE DE 83 ANS

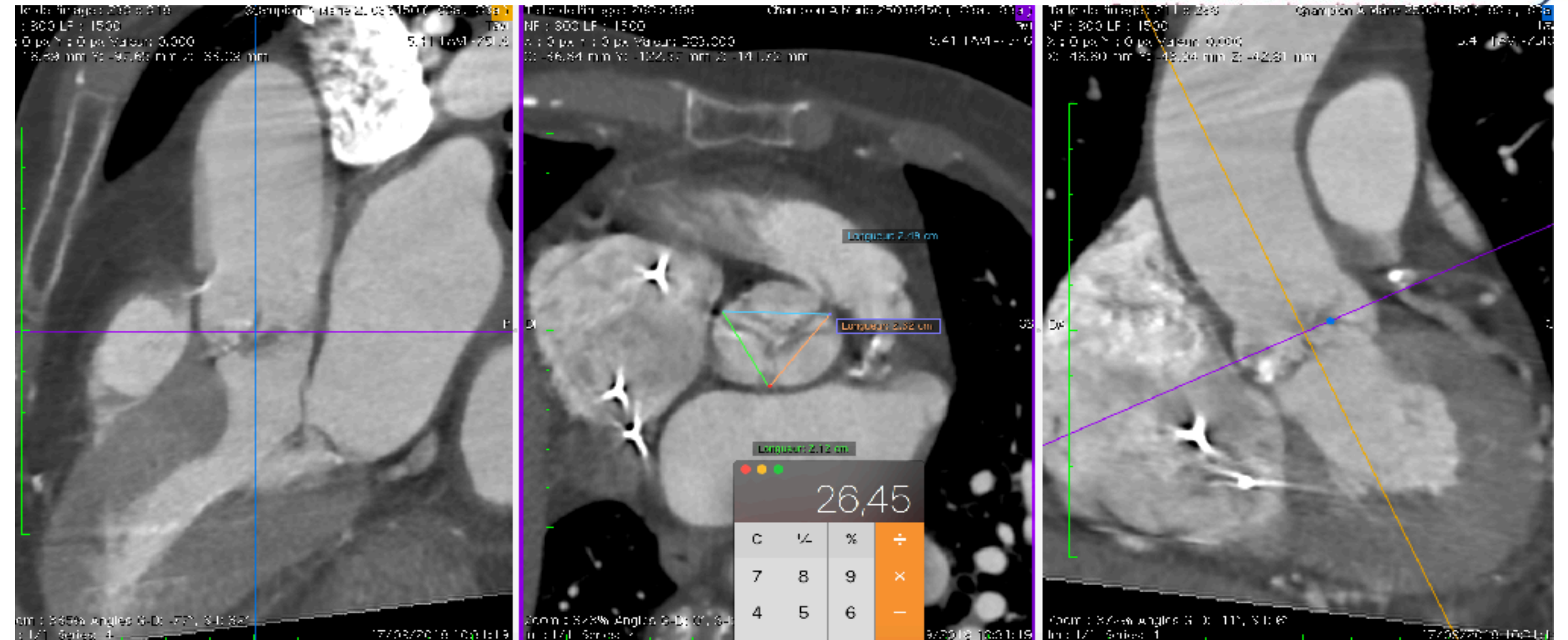
- Antécédants :
 - Endarteriectomie CID
 - Pacemaker double chambre
- Facteurs de risque cardio-vasculaire
 - HTA
- Echographie
 - Surface aortique = $0,65\text{cm}^2$
 - $V_{\text{max}} = 4,4\text{m/s}$
 - Gradient moyen = 45mmHg
 - PAPs par IT = 40mmHg
- Coronarographie
 - Absence de coronaropathie
 - Gradient moyen = 40mmHg
 - Surface aortique = $0,65\text{cm}^2$

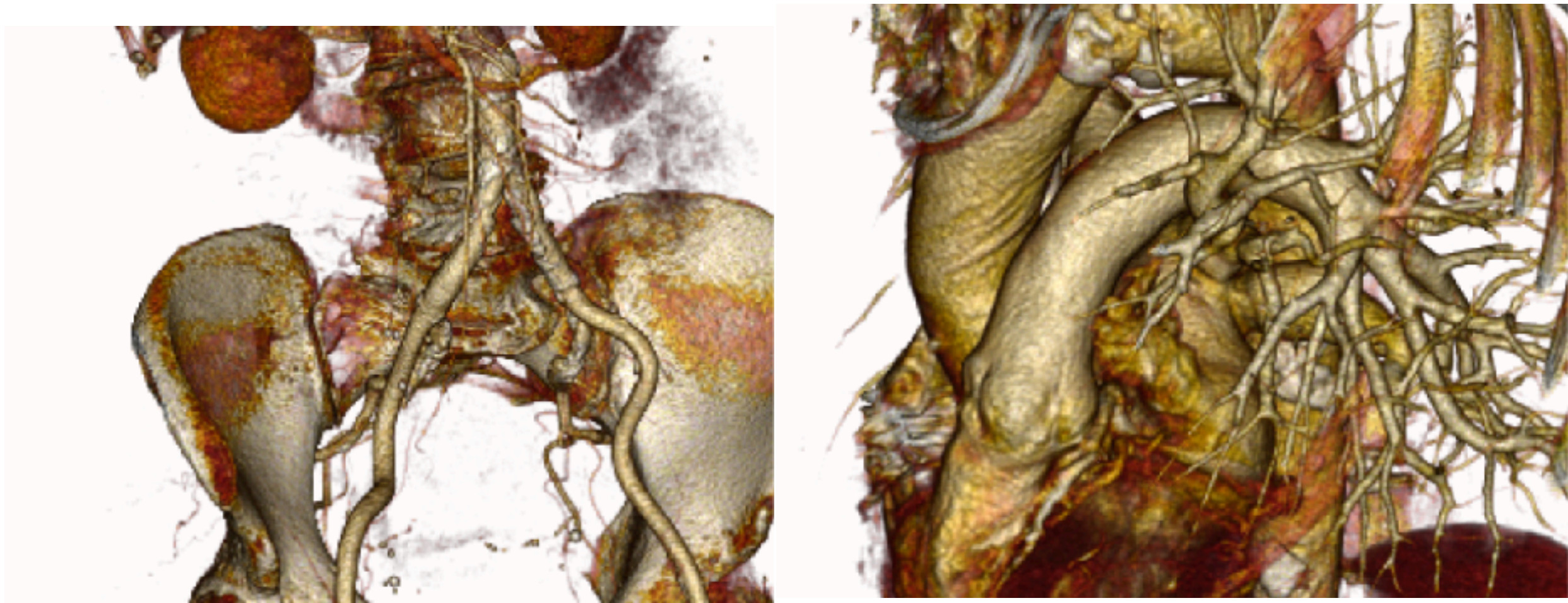
Euroscore 1 = 30%
Euroscore 2 = 4%

→ TAVI

SIZING PREOPERATOIRE

- Valve aortique tricuspide
- Calcifications modérées des 3 sigmoïdes
- Anneau basal non calcifié
- Absence de macronodule calcaire
- Largeur des sinus : 29mm
- CD à 13mm et CG à 13,5
- Anneau aortique : 24,2 en basal et 26,5 en triangulation
- Périmètre de l'anneau : 76mm
- CMH apicale ++





ETUDES DES ABORDS ARTERIELS

Axes iliaques : 12mm calcifiés, sinueux surtout à gauche





Diamètre artère fémorales = 8mm

Division basse surtout à droite

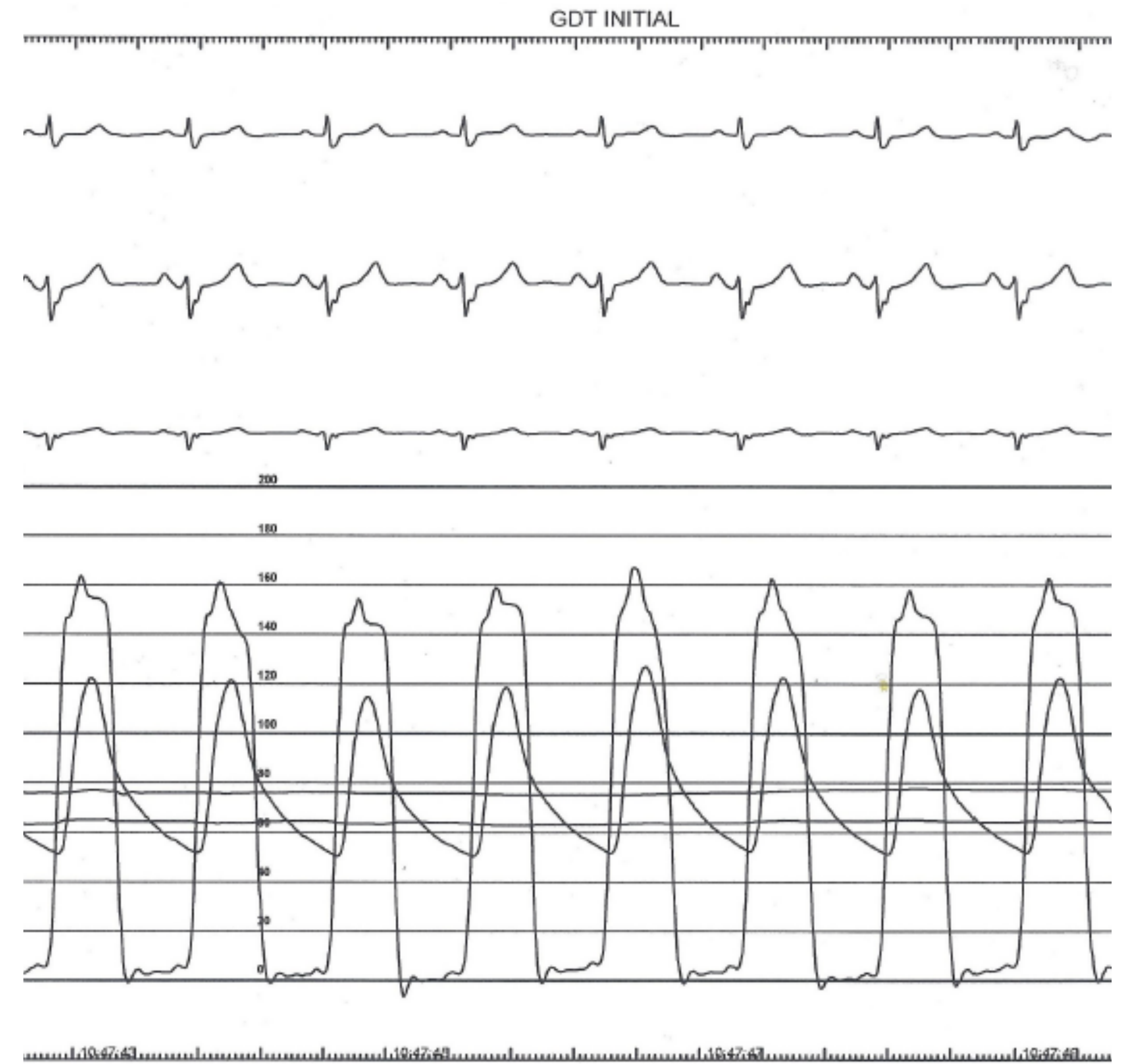
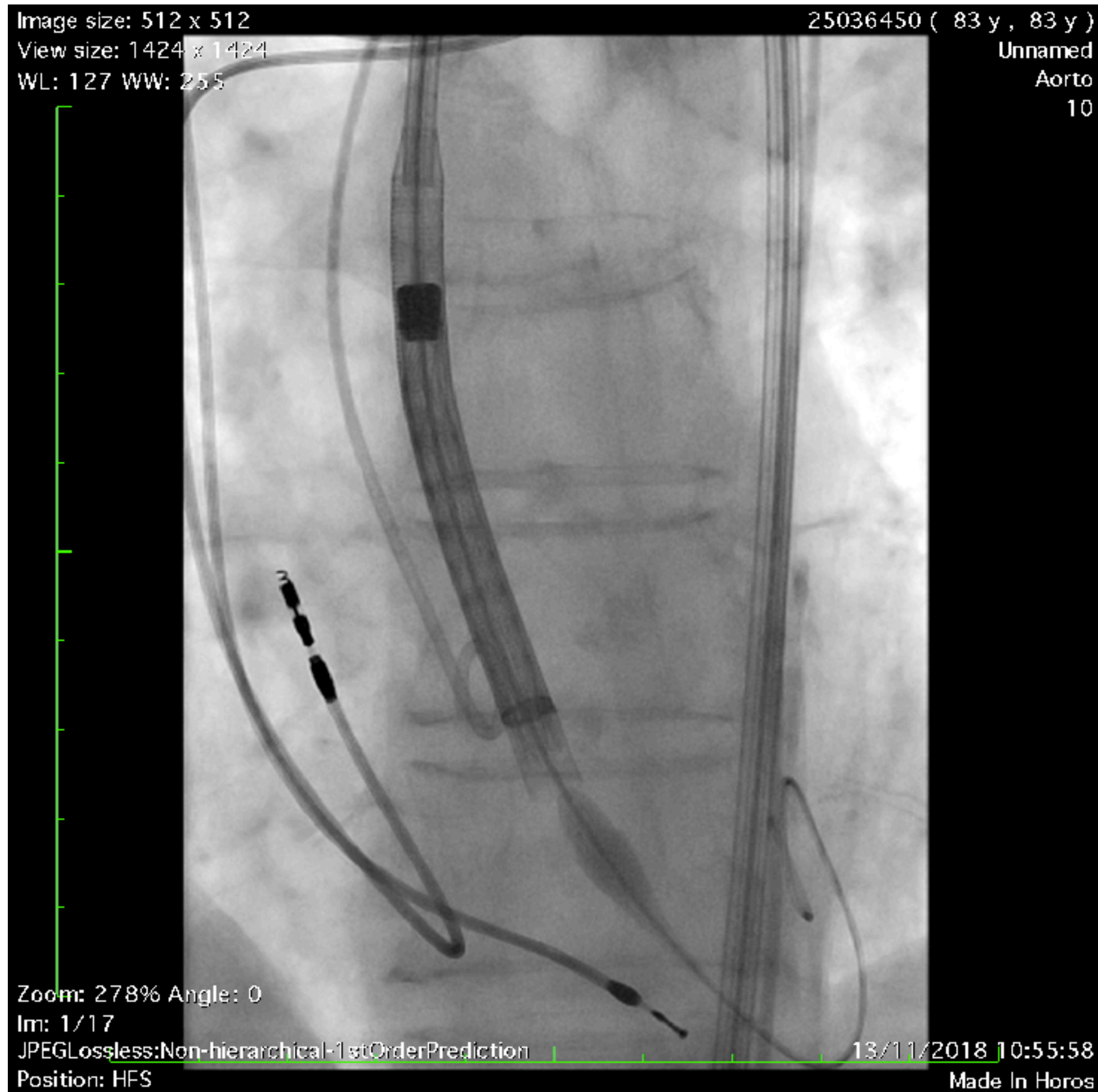


STRATEGIE THERAPEUTIQUE

- TAVI trans fémoral
 - Abord principal: artère fémoral droite
 - Abord secondaire: artère fémoral gauche 6F pour contrôle angiographique
- Préclosing par 2 proglides
- Pas de prédilatation
- Stimulation sur guide SAFARI EXTRA SMALL
- Choix de valve : **COREVALVE EVOLUT PRO 29**

				
Size	23 mm	26 mm	29 mm	34 mm
Annulus Diameter	18 - 20 mm	20 - 23 mm	23 - 26 mm	26 - 30 mm
Annulus Perimeter $\pi \times$ Diameter	56.5 - 62.5 mm	62.8 - 72.3 mm	72.3 - 81.7 mm	81.7 - 94.2 mm
Sinus of Valsalve (Mean)	≥ 25 mm	≥ 27 mm	≥ 29 mm	≥ 31 mm
SOV Height (Mean)	≥ 15 mm	≥ 15 mm	≥ 15 mm	≥ 16 mm

ANGIOGRAPHIE DE REPERAGE

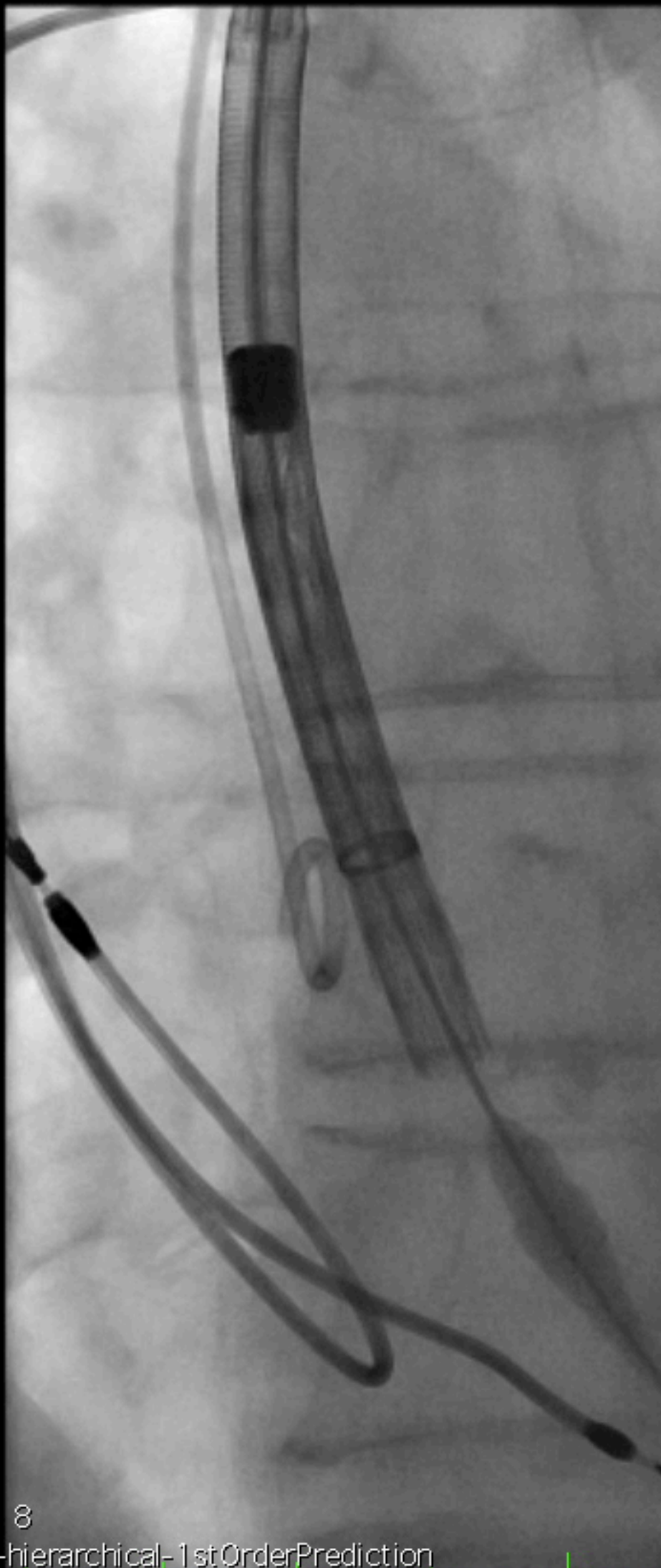


Taille de l'image : 512 x 512
NF : 127 LF : 255



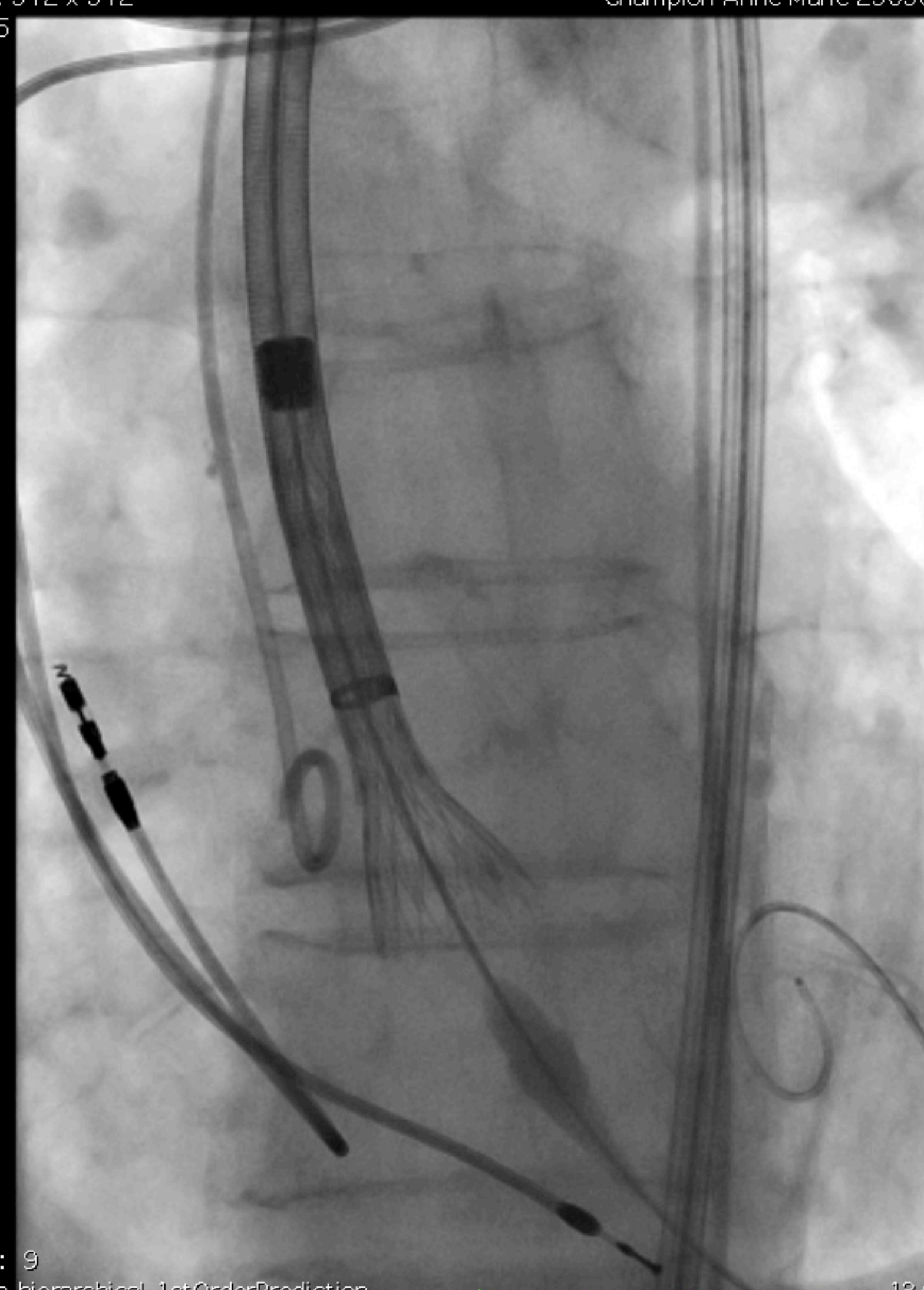
Zoom : 170%
Im : 1/19 Series: 7
JPEGLossless:Non-hierarchical-1stOrderPrediction
Position : HFS

Taille de l'image : 512 x 512
NF : 127 LF : 255



Zoom : 170%
Im : 1/21 Series: 8
JPEGLossless:Non-hierarchical-1stOrderPrediction
Position : HFS

Taille de l'image : 512 x 512
NF : 127 LF : 255



Zoom : 170%
Im : 1/20 Series: 9
JPEGLossless:Non-hierarchical-1stOrderPrediction
Position : HFS

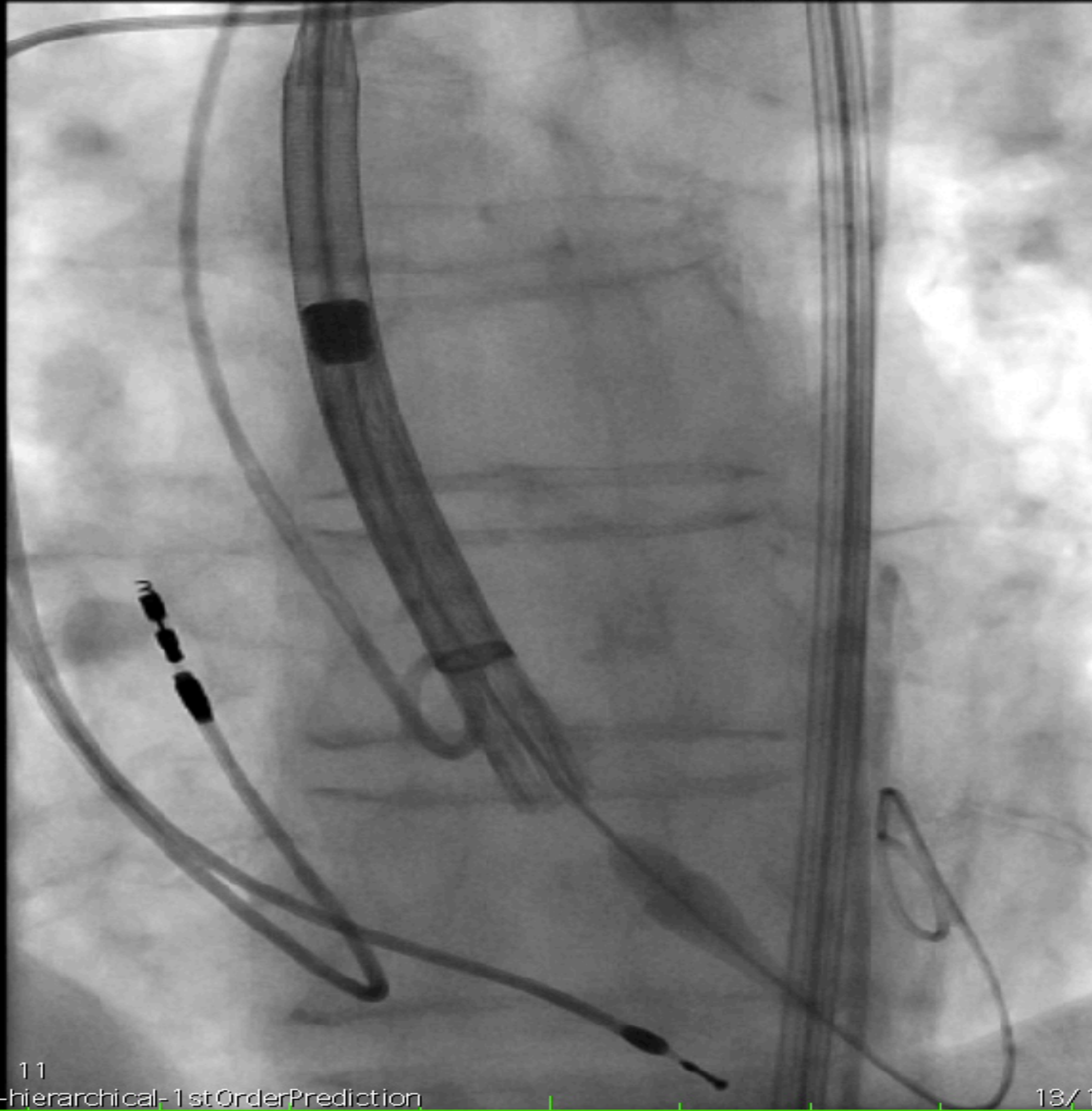
Champion Anne Marie 25036450 (83a , 83a)
Aorto
Aorto



Taille de l'image : 512 x 512
NF : 127 LF : 255

Champion Arne Marie 25036450 (83a , 83a)

Aorto
Aorto



Zoom : 170%

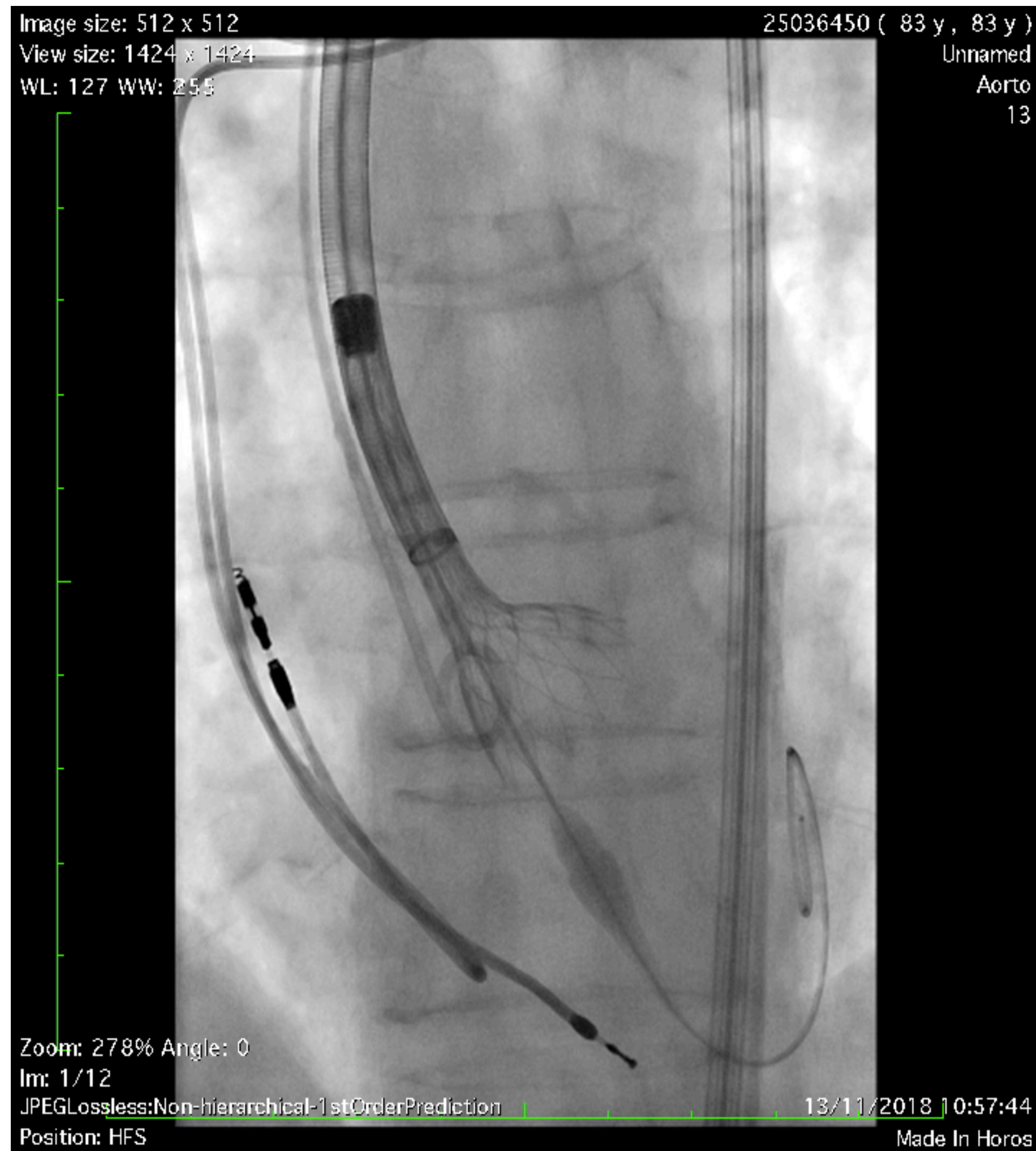
Im : 1/15 Series: 11

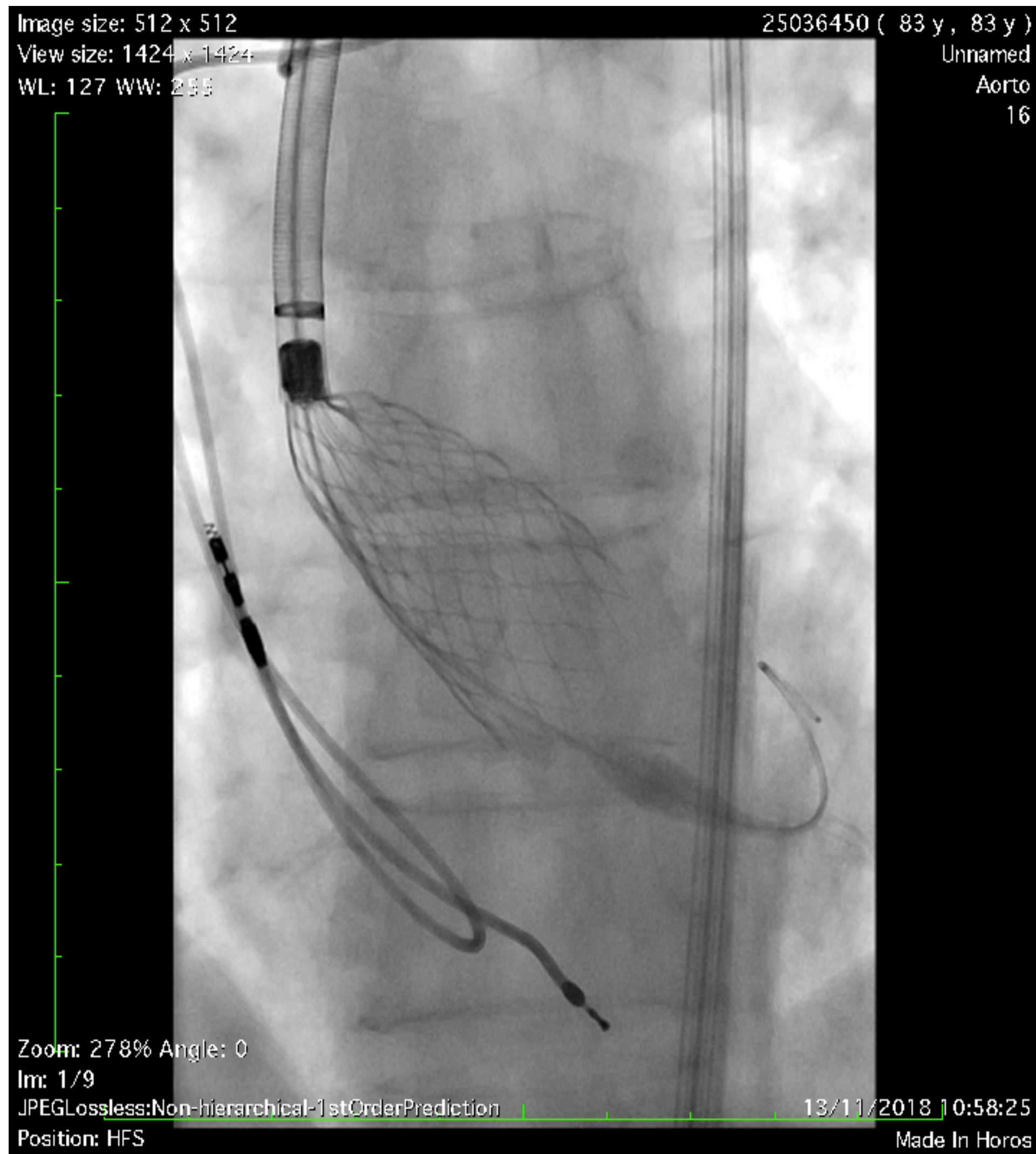
JPEGLossless:Non-hierarchical-1stOrderPrediction

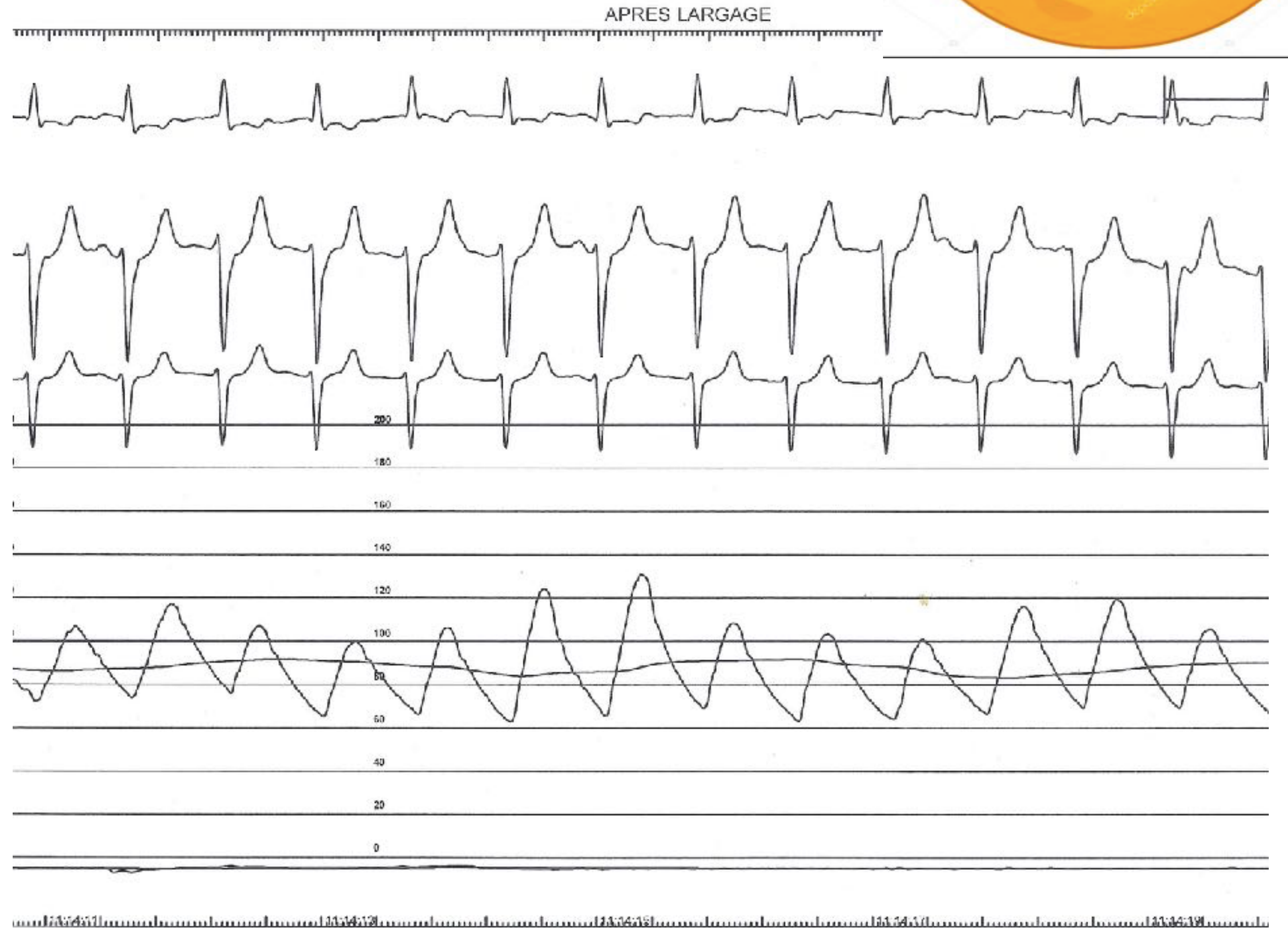
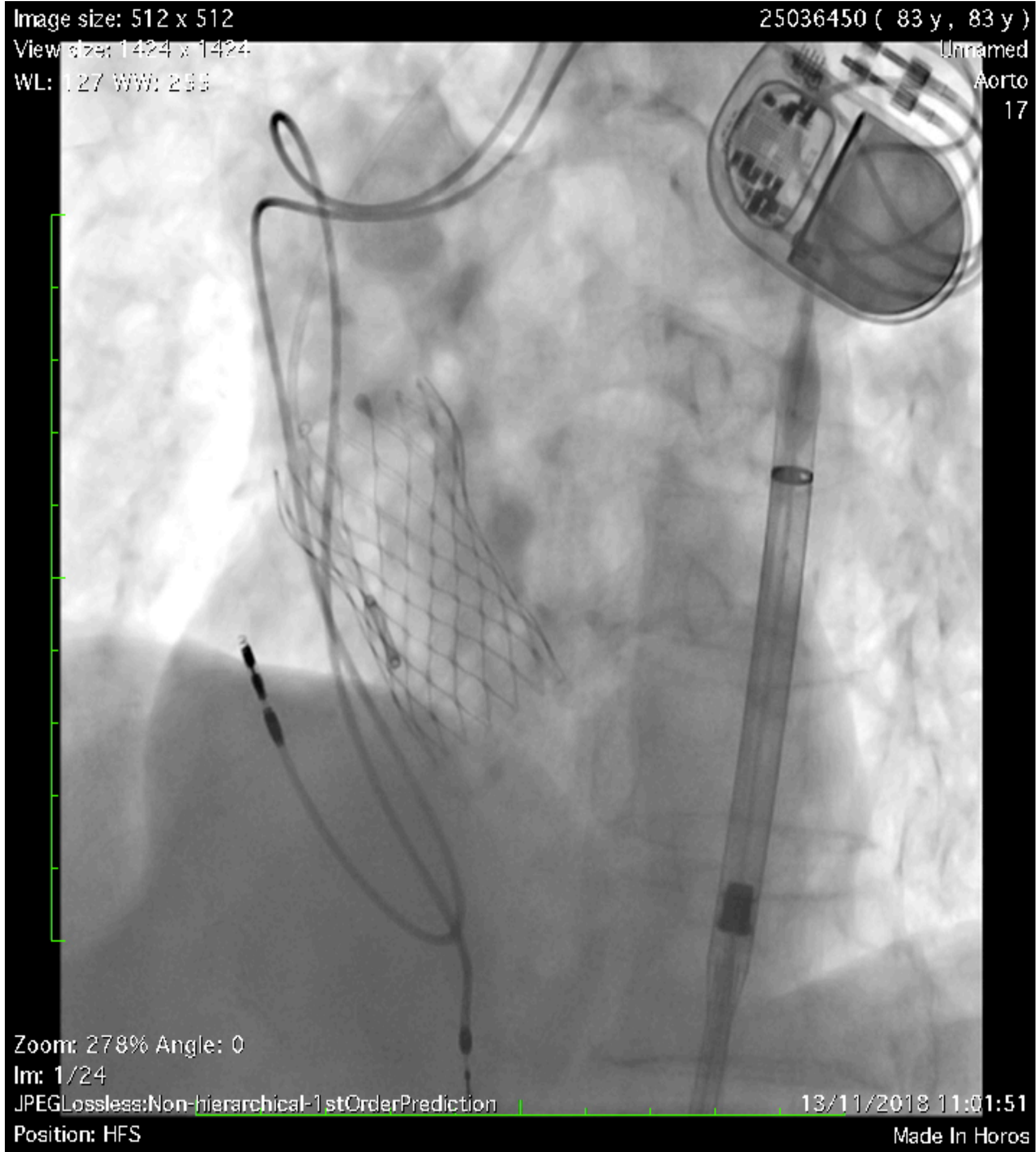
Position : FFS

18/11/2018 10:56:41

Made In Osirix







QUELQUES MINUTES PLUS TARD ...



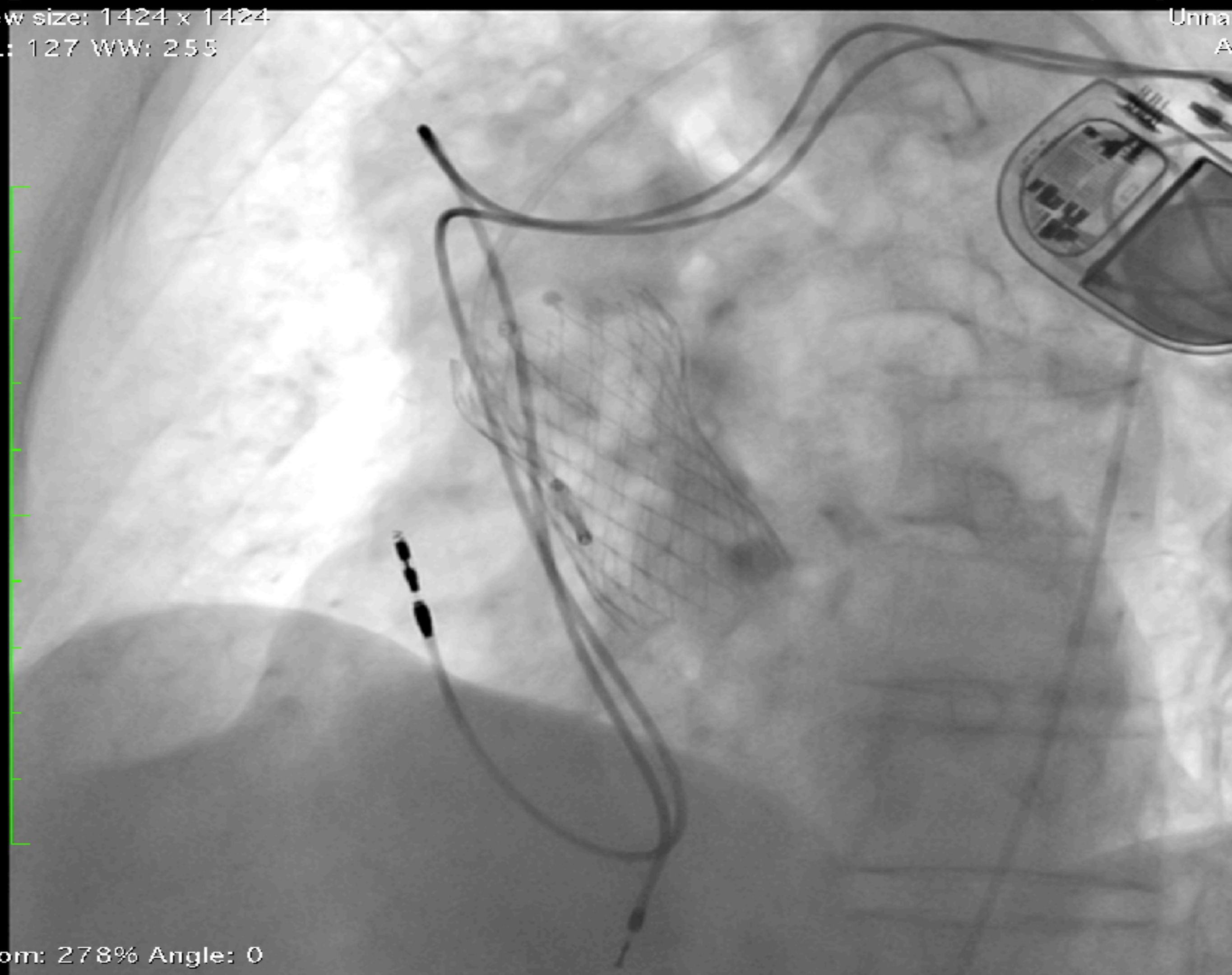
Image size: 512 x 512
View size: 1424 x 1424
WL: 127 WW: 255

25036450 (83 y , 83 y)

Unnamed

Aorto

19



Zoom: 278% Angle: 0

Im: 1/30

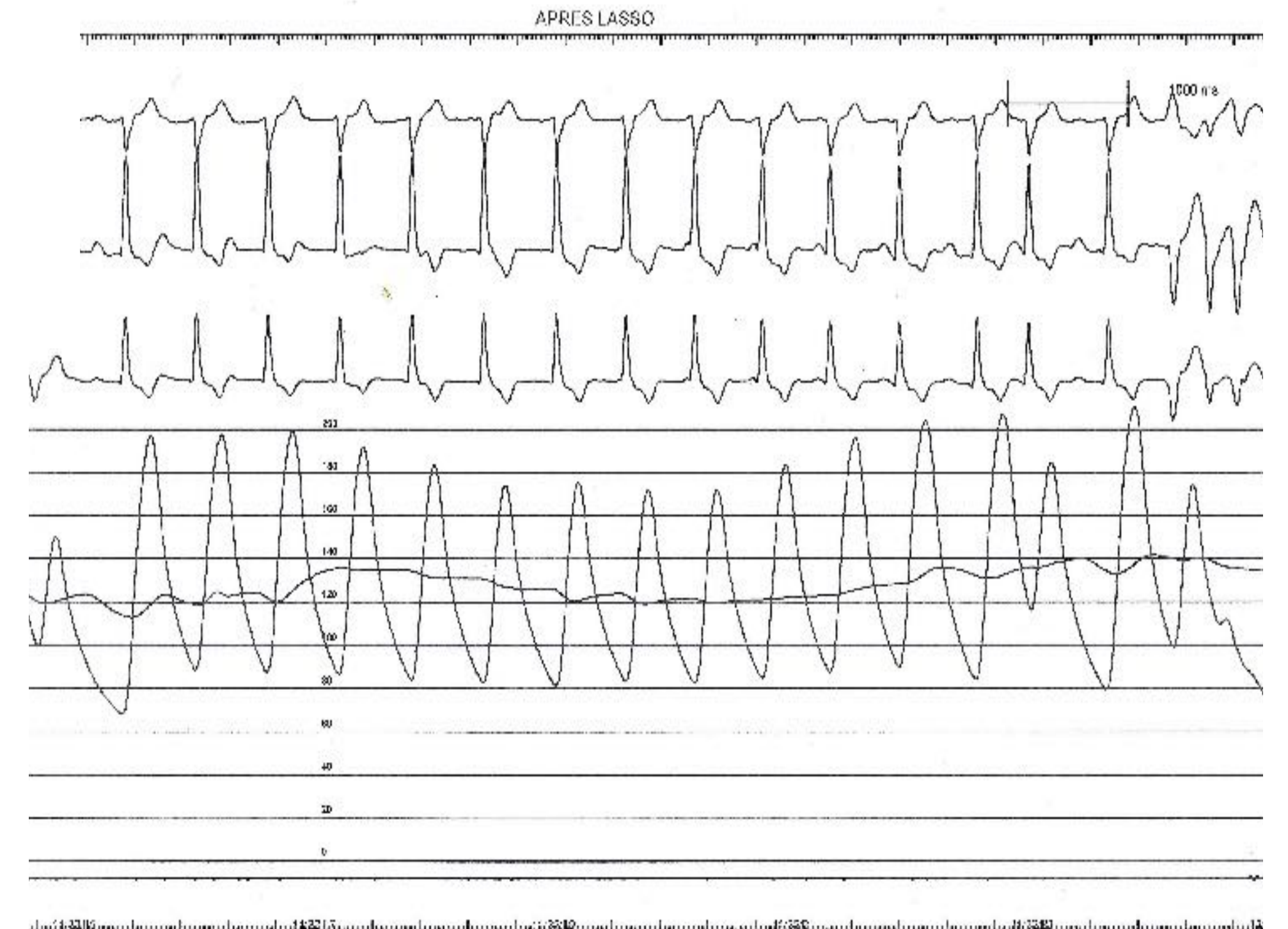
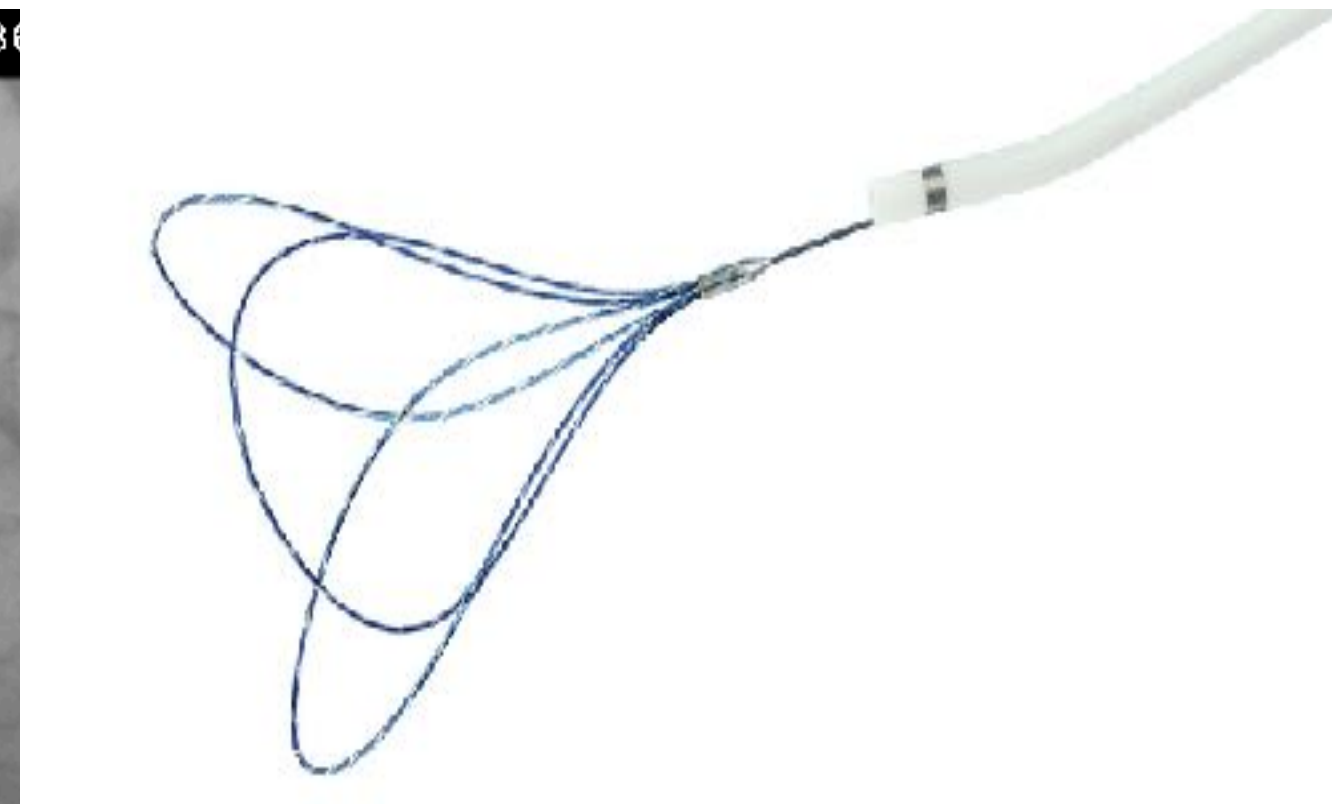
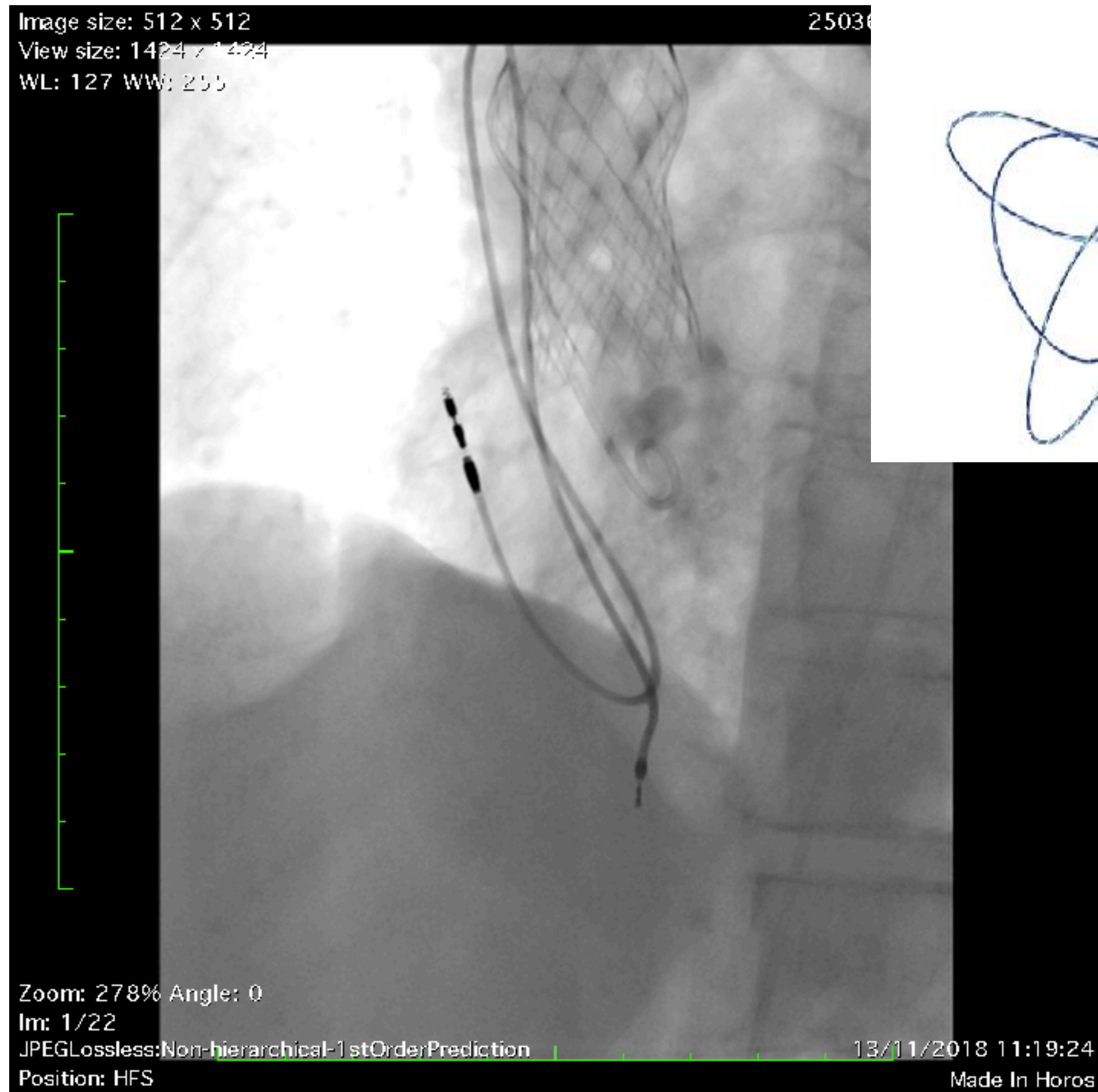
JPEGLossless:Non-hierarchical-1stOrderPrediction

Position: HFS

13/11/2018 11:12:11

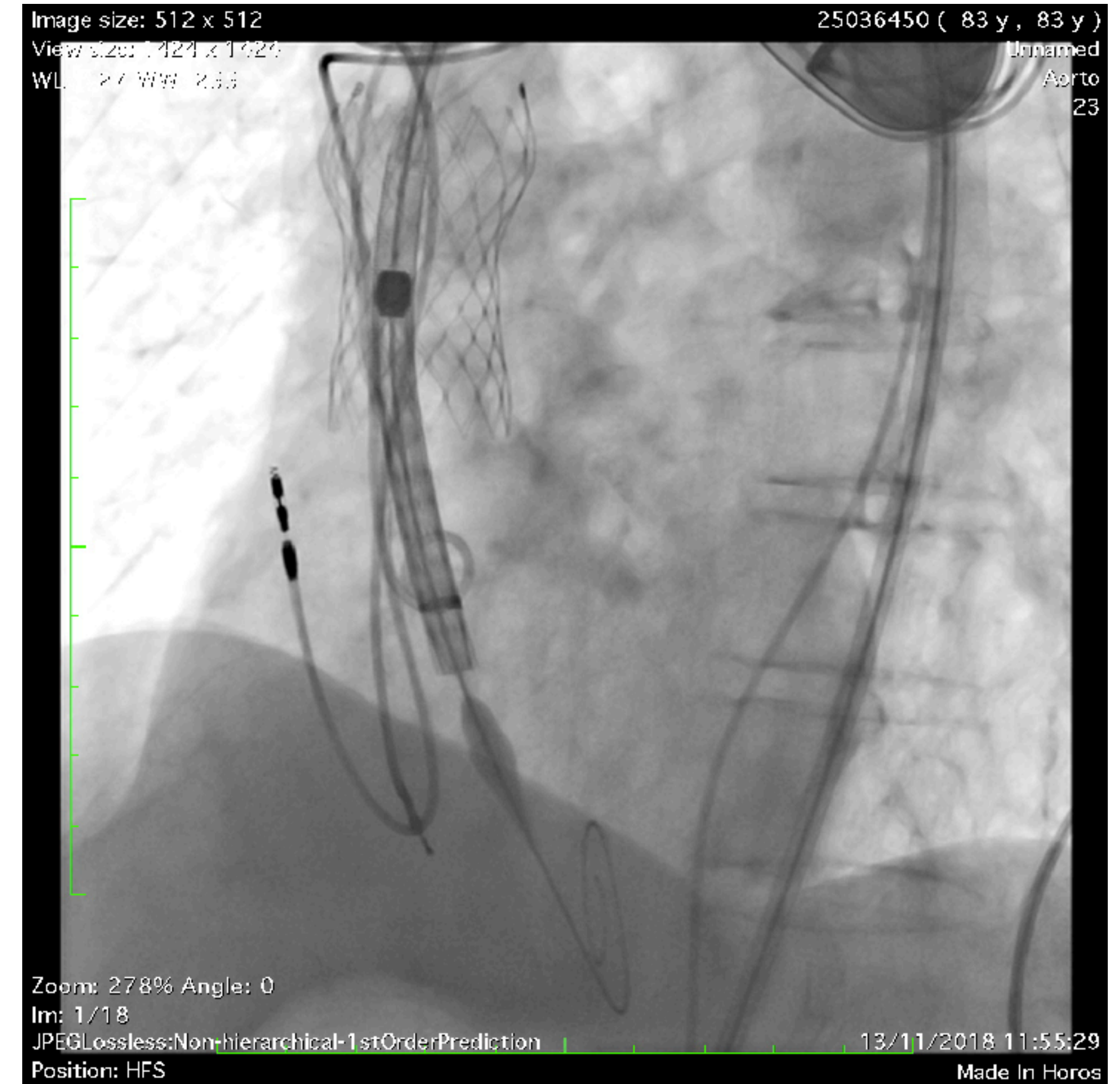
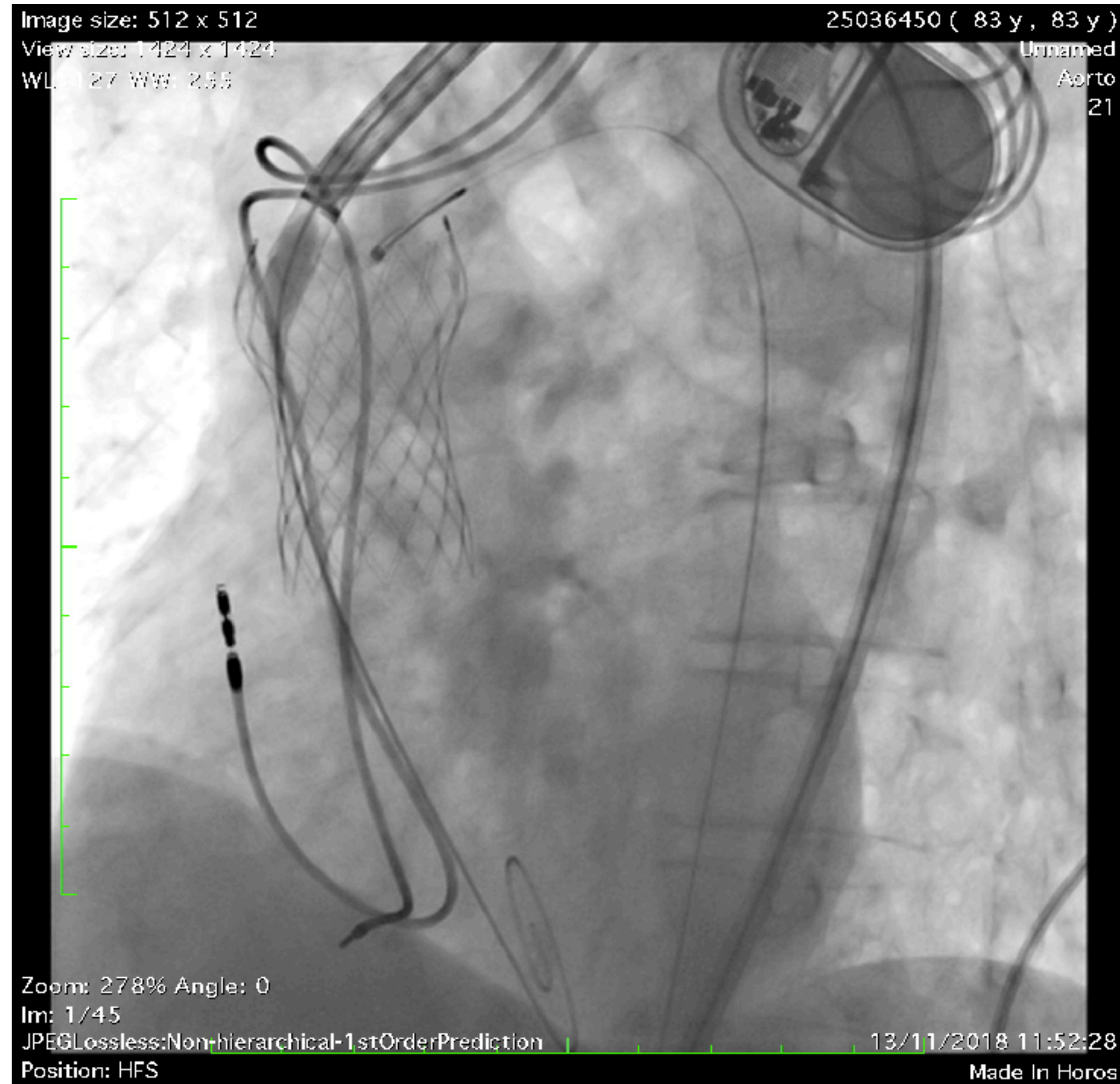
Made In Horos

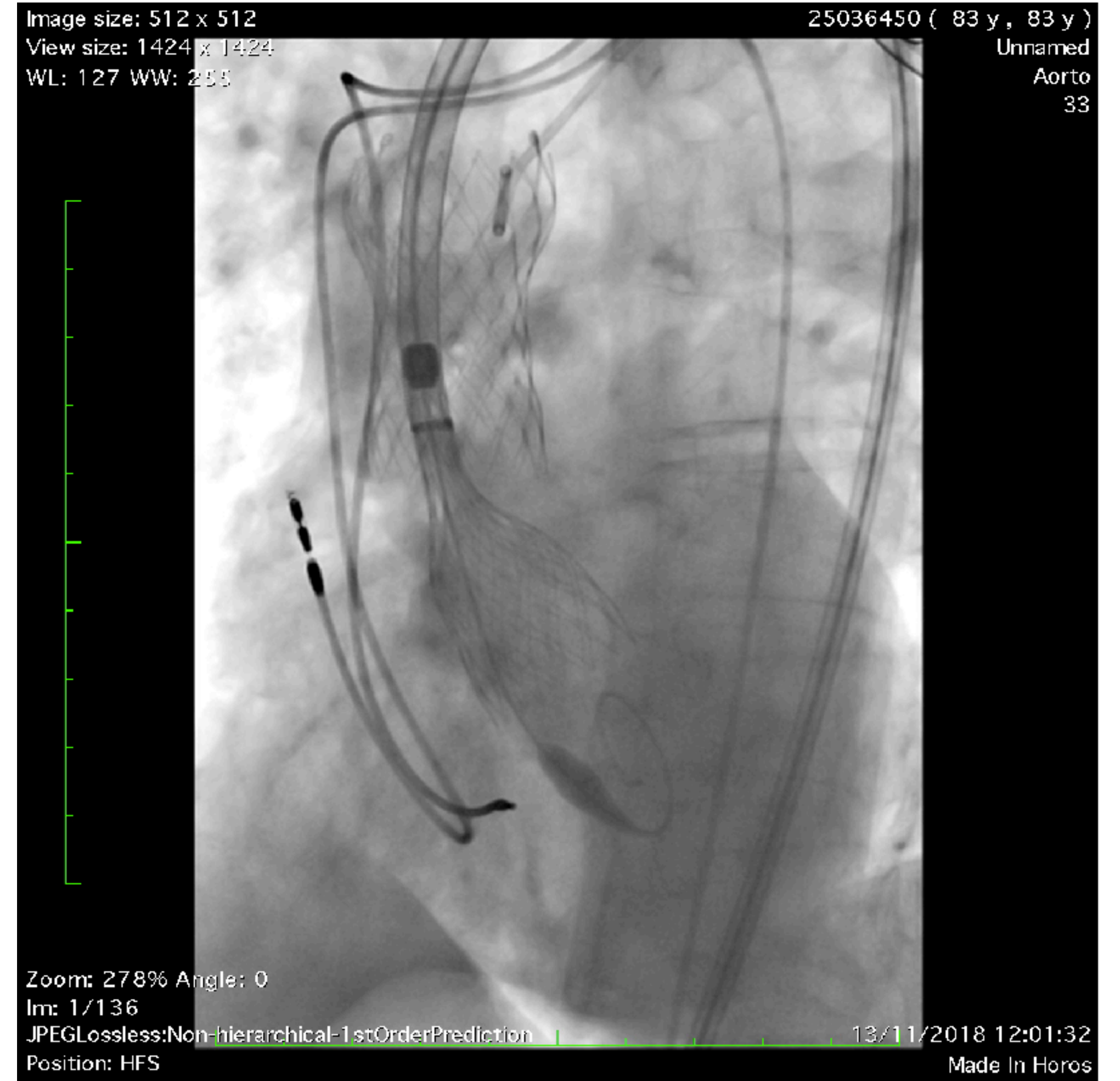
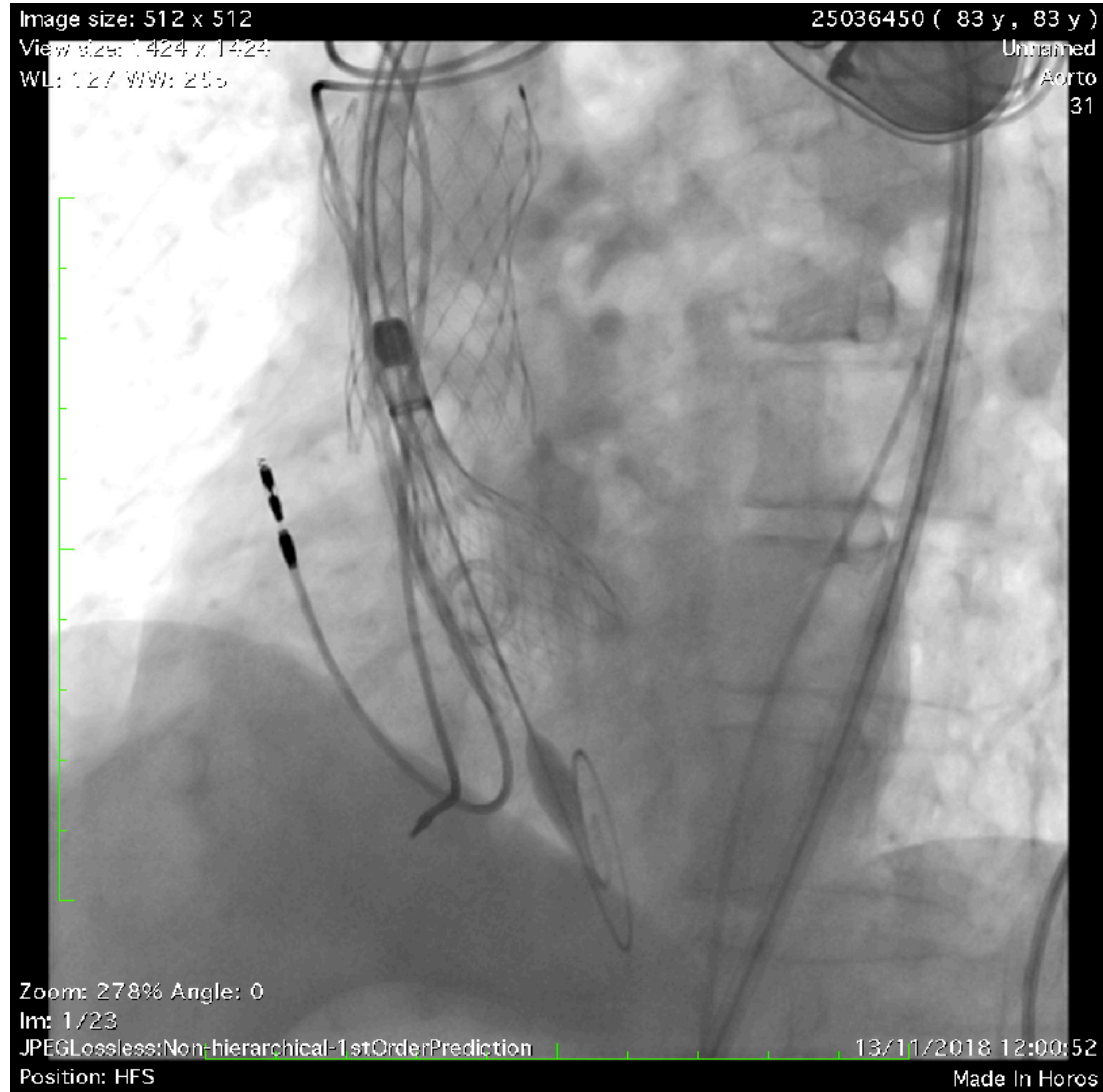
TRACTION DE LA PROTHESE PAR UN LASSO



MISE EN PLACE 2^{ème} COREVLAVE EVOLUT PRO

29



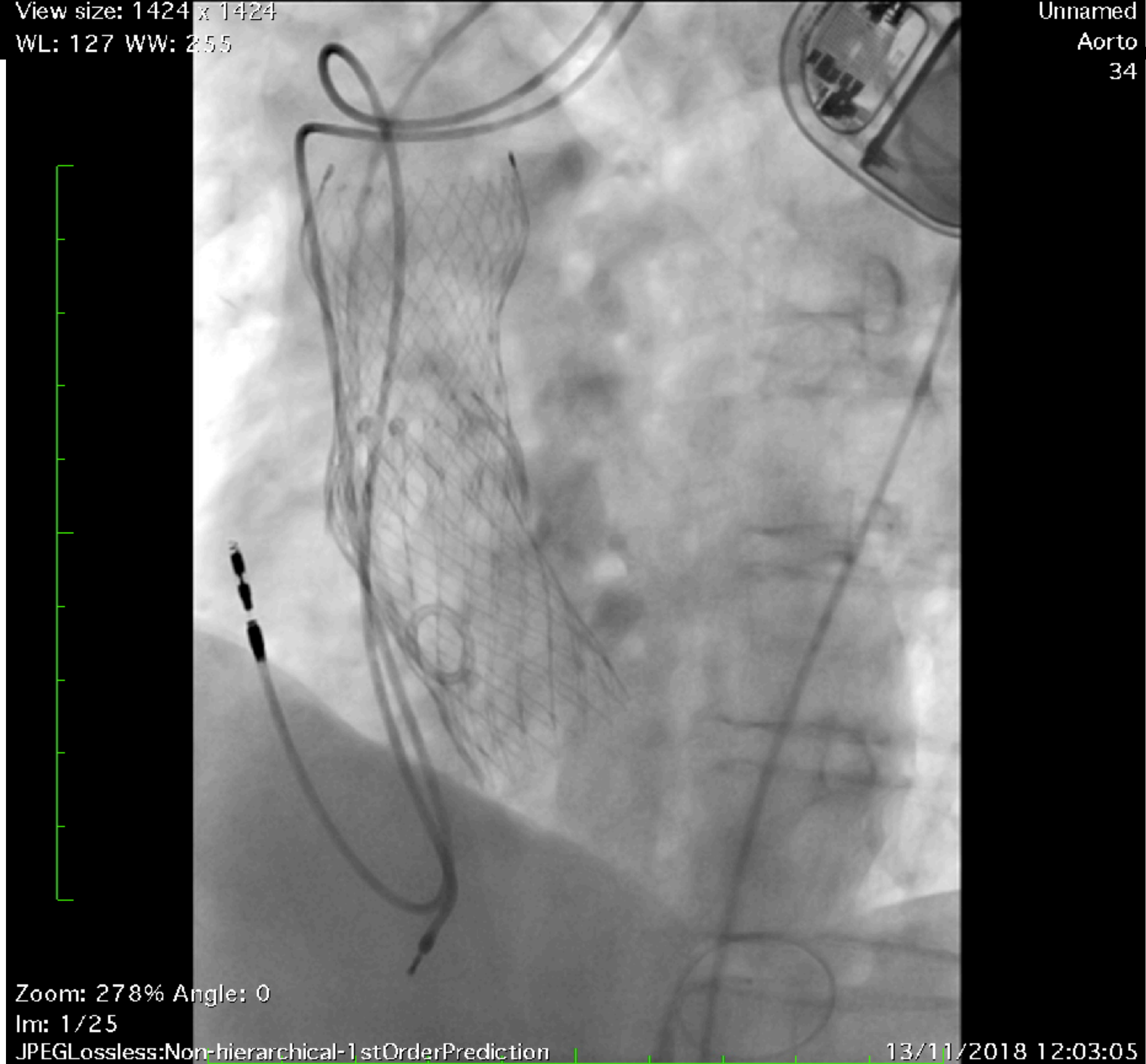


A

Image size: 512 x 512
View size: 1424 x 1424
WL: 127 WW: 255

25036450 (83 y , 83 y)
Unnamed
Aorto
34

E

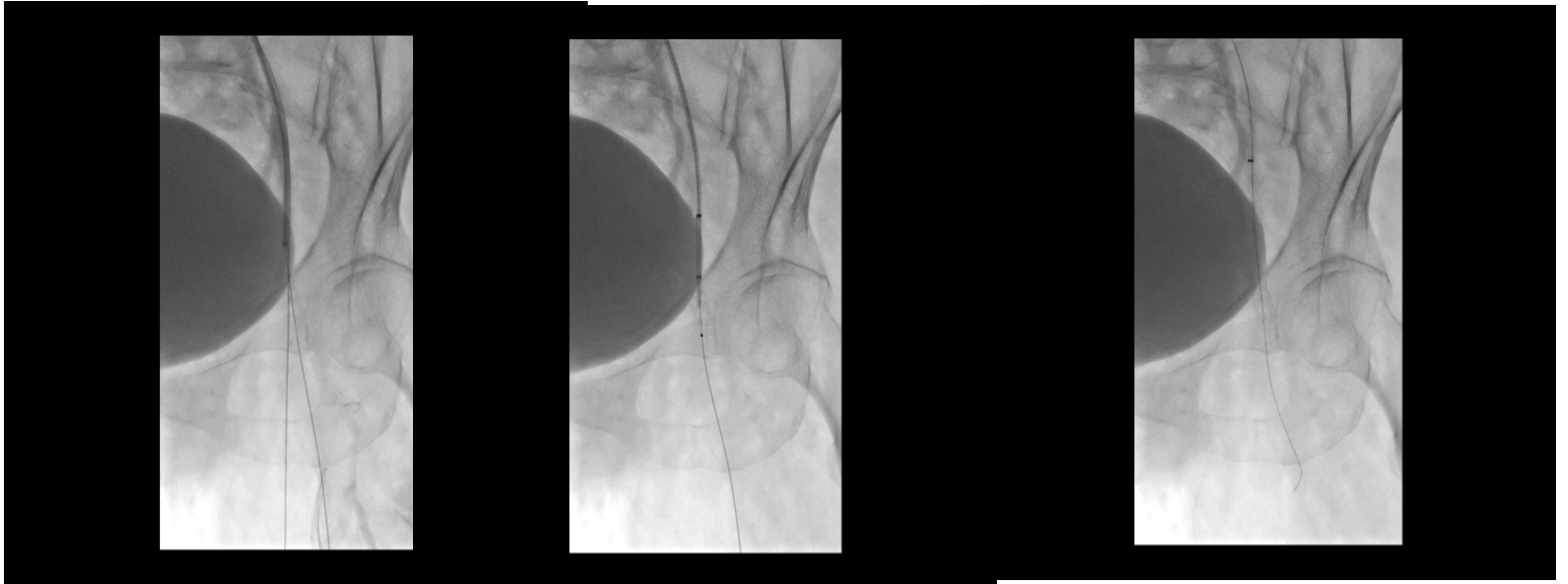


Zoom: 278% Angle: 0
Im: 1/25
JPEGLossless:Non-hierarchical-1stOrderPrediction
Position: HFS

13/11/2018 12:03:05
Made In Horos

CONTRÔLE ANGIOGRAPHIQUE

Dissection de l'artère fémorale commune



Mise en place d'un stent absolu 8,0*40mm

Evolution simple

Contrôle ETT:

- Absence d'IA
- Gradient trans prothétique = 5mmHg

Sortie à J5