3mensio

Report Details

Creation Date:	01-11-2025	**Physician:**	Dr. Rohit Mathur
Created By:	MERIL TAVI CORELAB (DP)	**Hospital:**	MDM Hospital
Received Date:	01-11-2025	**City:**	Jodhpur
Reviewed Date:		**Country:**	India

Patient Information

Name:	RAJANI GOUR	**Height:**	**m**	**NYHA:**	
Gender:	Female	**Weight:**	**kg**	**EuroSCORE II:**	**%**
Year Of Birth (Age):	51Y	**BMI:**		**STS Score:**	**%**

Comments: CT Scan date 30-10-2025

Analysis done in 31% phase.

CT Scan contains artifacts.

Aortic Valve

Phase: 31.0%

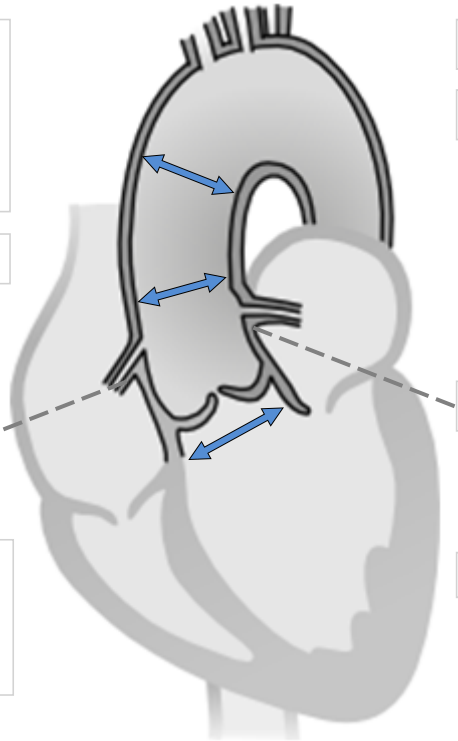
Aortic Annulus

Perimeter:	74.2	mm
Perimeter Derived Ø:	23.6	mm
Area:	411.3	mm²
Area Derived Ø:	22.9	mm

LVOT Ø: 23.3 mm

Asc. Aorta Ø: 34.2 mm

STJ Ø: 27.9 mm



RCA Height: 13.0 mm

LCA Height: 12.0 mm

Sinus Of Valsalva Diameters:

Left:	28.8	mm
Right:	29.6	mm
Non:	31.1	mm

Aortic Valve Calcification: Mild

Measurements:

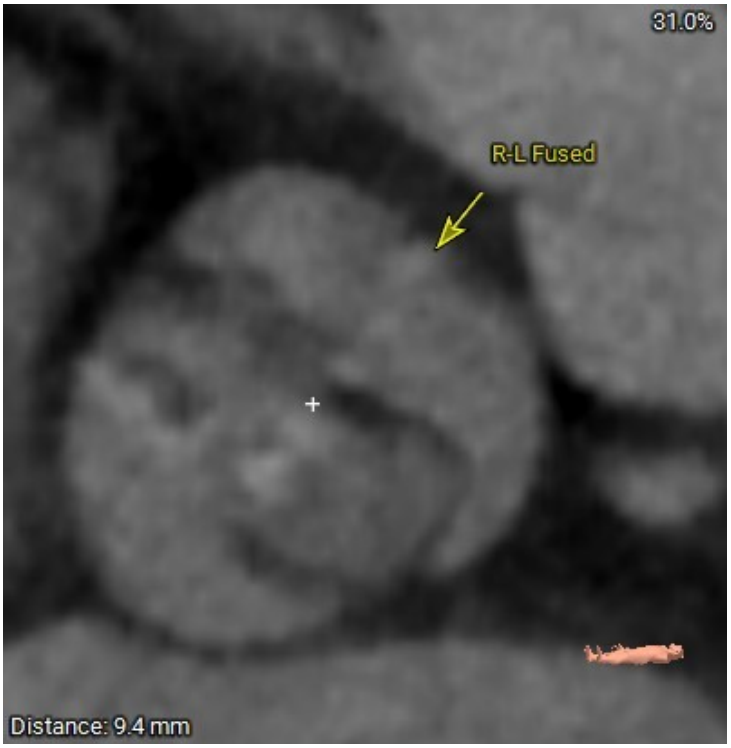
Ascending Aorta Ø	Min: 32.5 mm Max: 35.9 mm Average: 34.2 mm
Aortic Annulus	Min Ø: 19.7 mm Max Ø: 27.5 mm Average Ø: 23.6 mm Eccentricity: 0.28
Sinus of Valsalva Height	10.5 mm
Annulus to Apex	
Membranous Septum Length	
Horizontal Aorta Angle	

Sinotubular Junction Ø	Min: 27.4 mm Max: 28.3 mm Average: 27.9 mm
LVOT Ø	Min: 18.6 mm Max: 27.9 mm Average: 23.3 mm
Aorto-Mitral Continuity Length	
Valve to RCA	
Valve to LCA	
Valve to STJ	

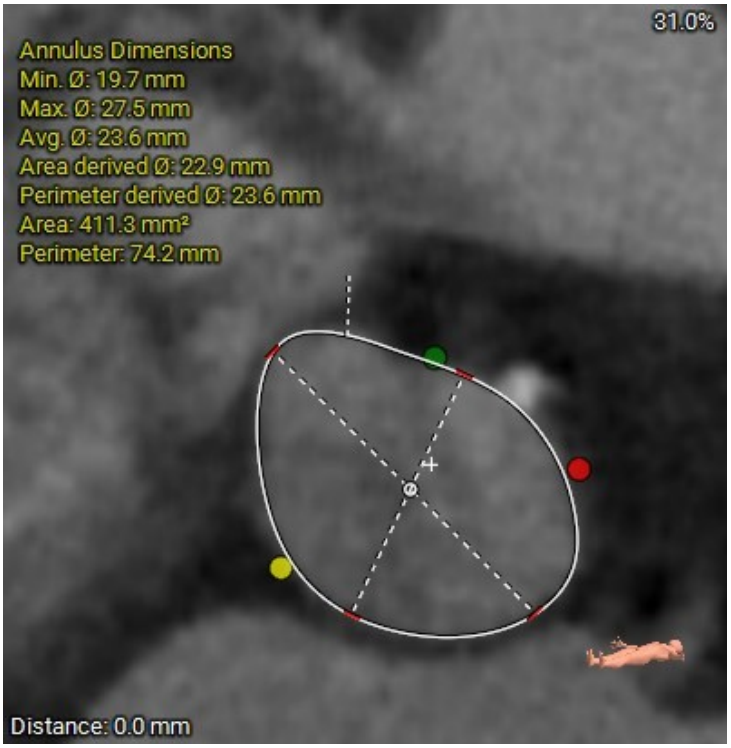
Comments:

Bicuspid Type 1a Aortic Valve
Mild Aortic Valve Calcification
Mild Calcification observed in Descending Aorta

Bicuspid Type 1a Aortic Valve

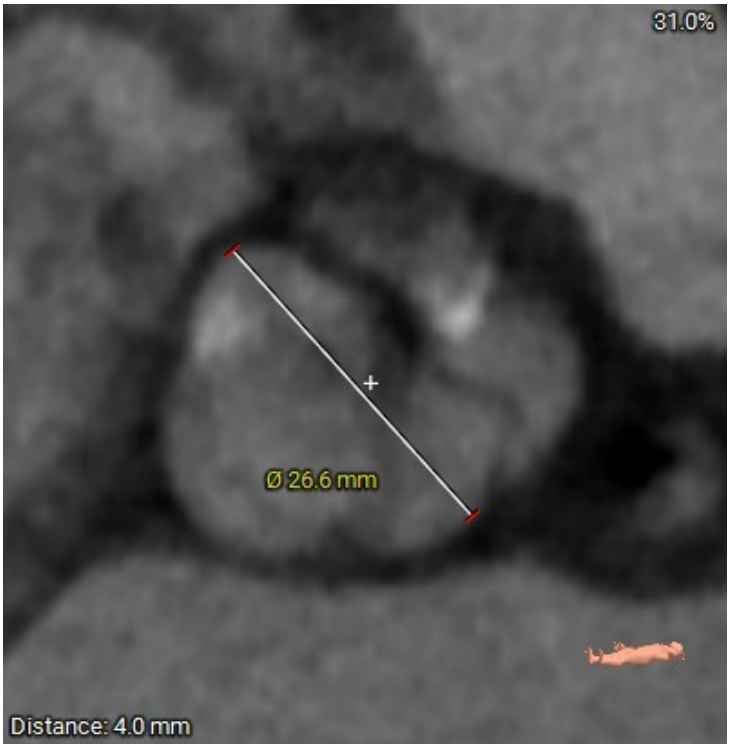


Annulus

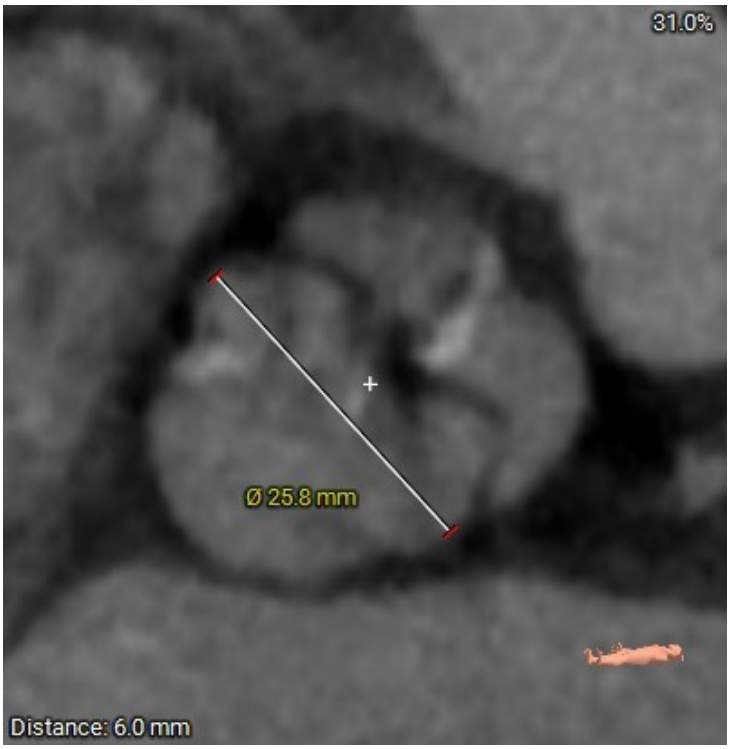


LVOT

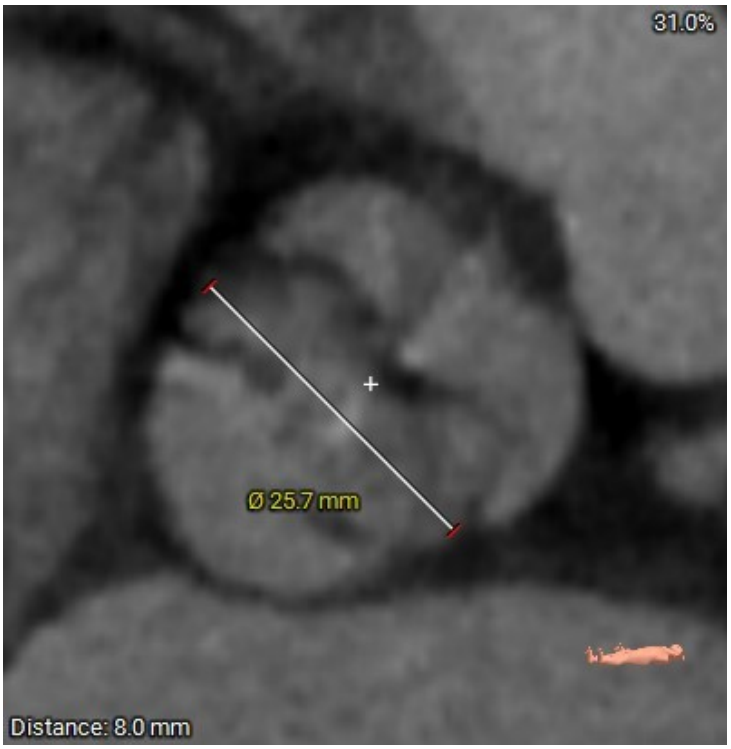
Inter-commissural Distance @ 4mm



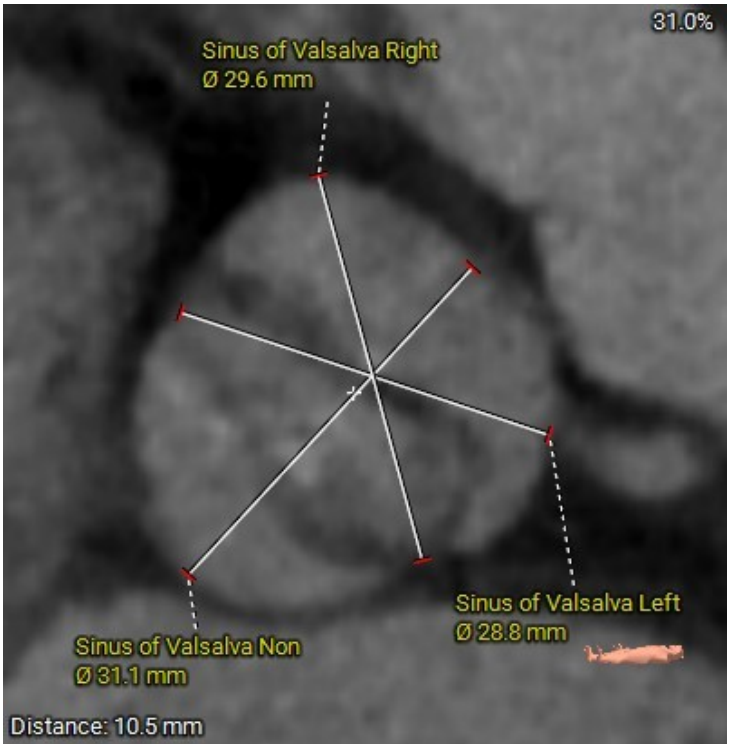
Inter-commissural Distance @ 6mm



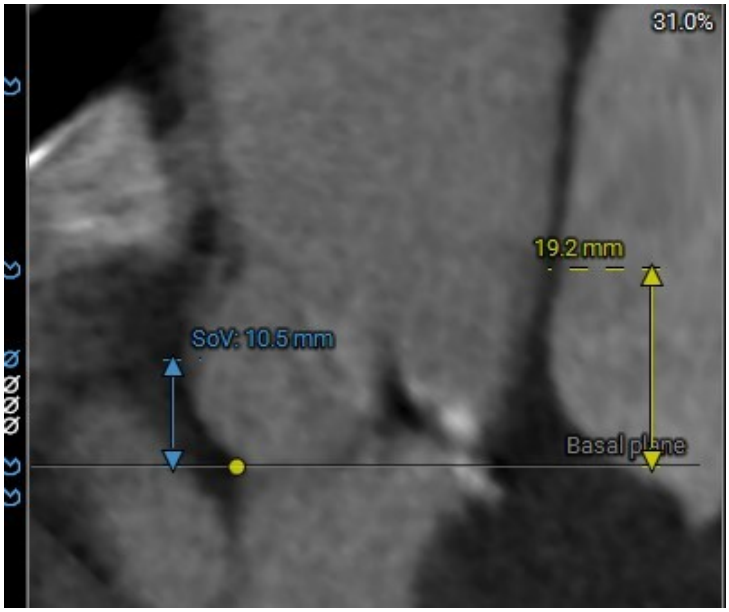
Inter-commissural Distance @ 8mm



SOV Diameters



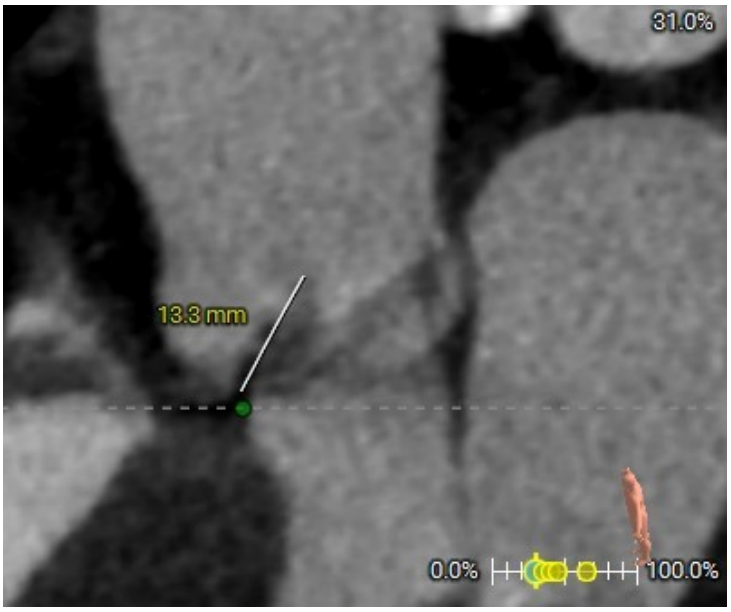
SOV & STJ Heights



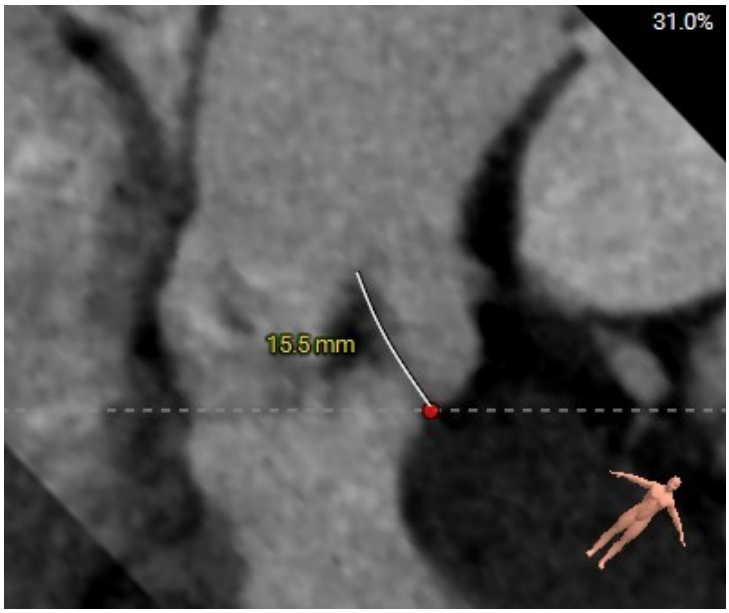
RCA Height

LCA Height

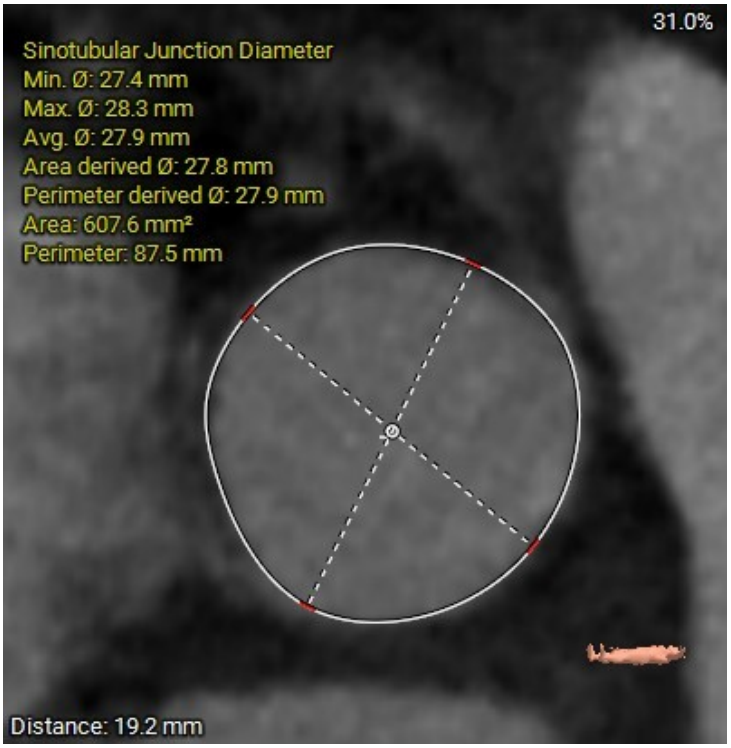
Right Leaflet Length



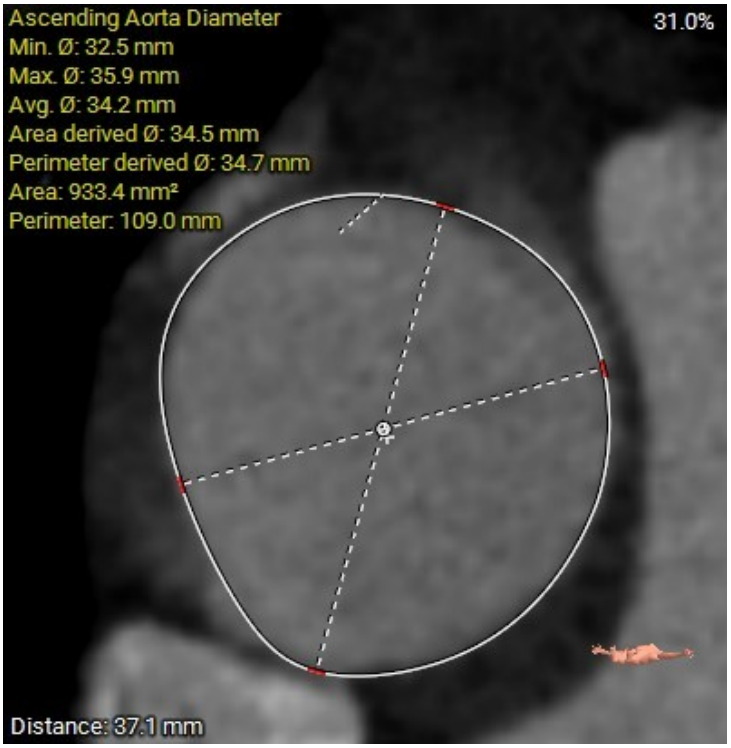
Left Leaflet Length



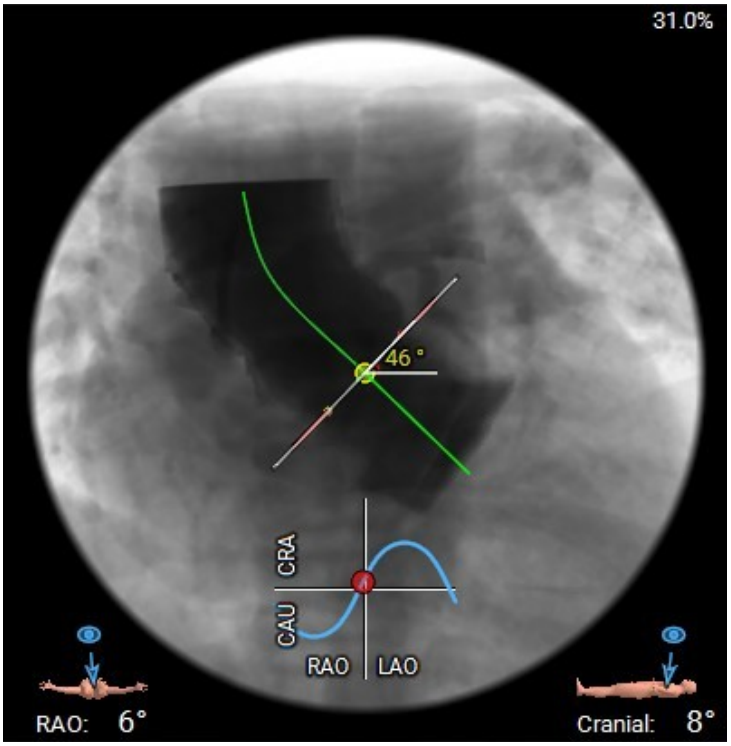
Sinotubular Junction



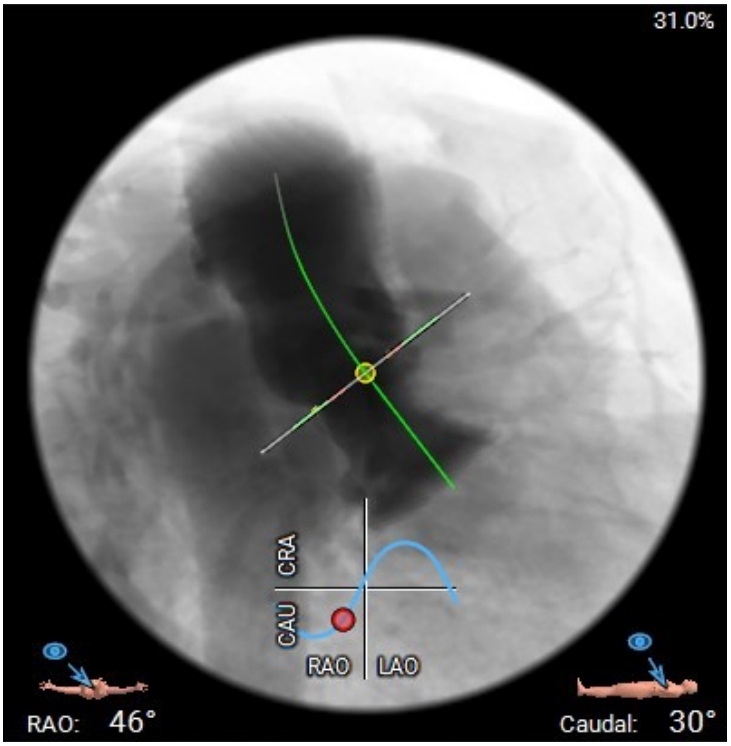
Ascending Aorta



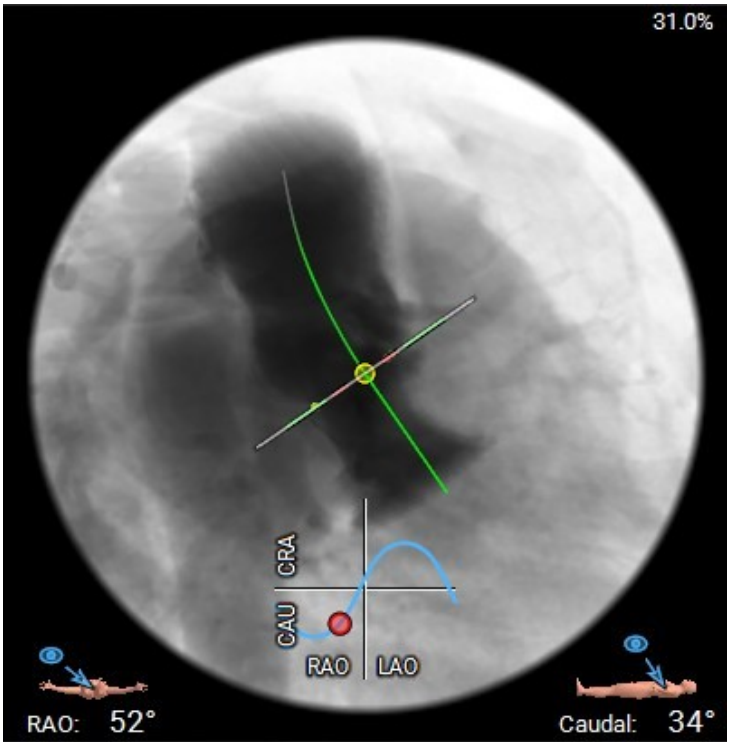
Deployment Angle



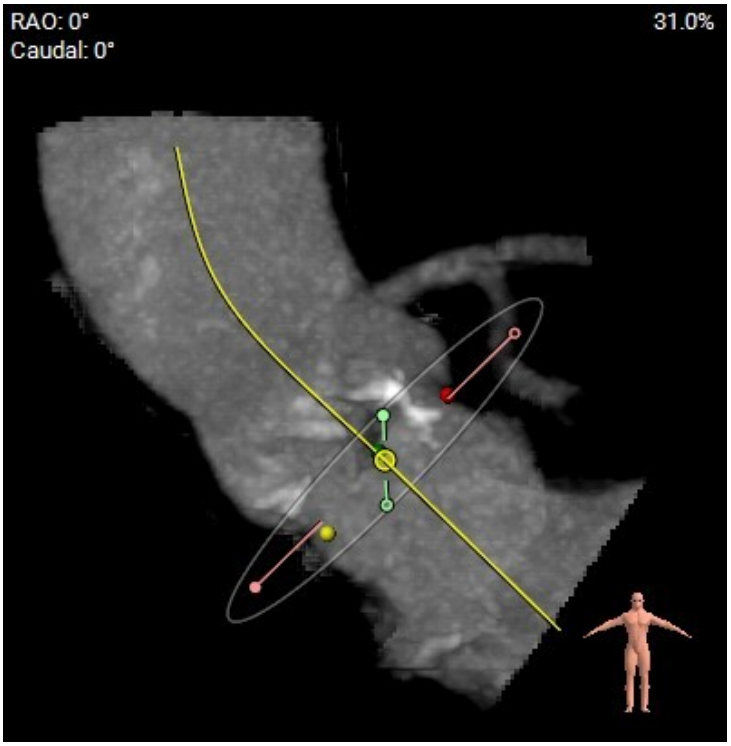
R-L Cusp Overlap View



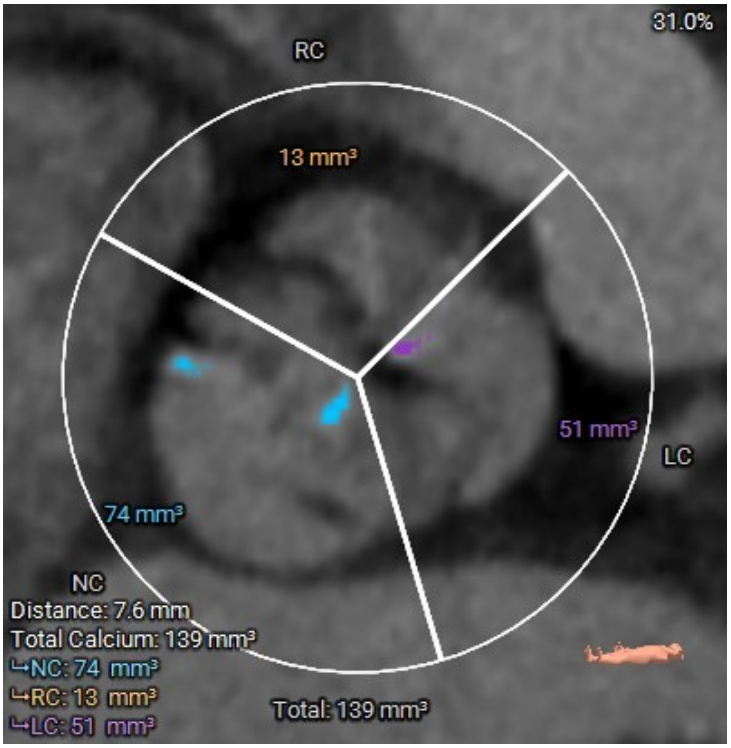
Aortography Angle



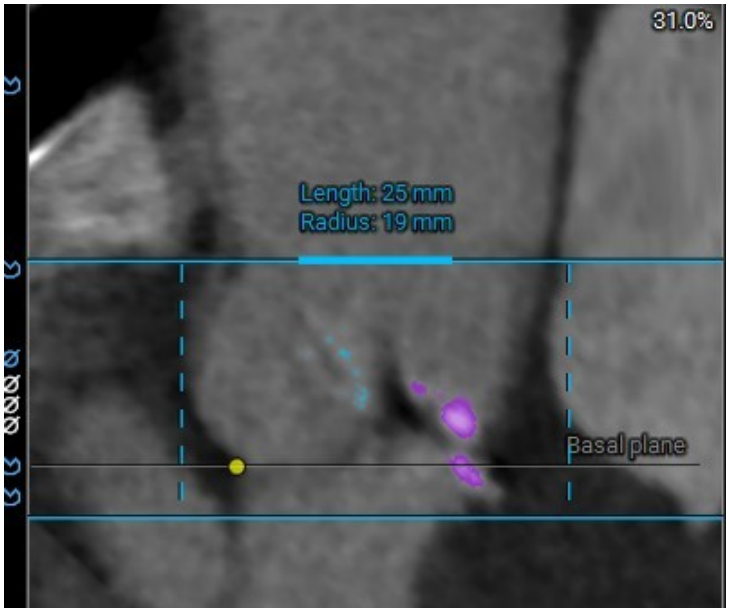
Calcifications



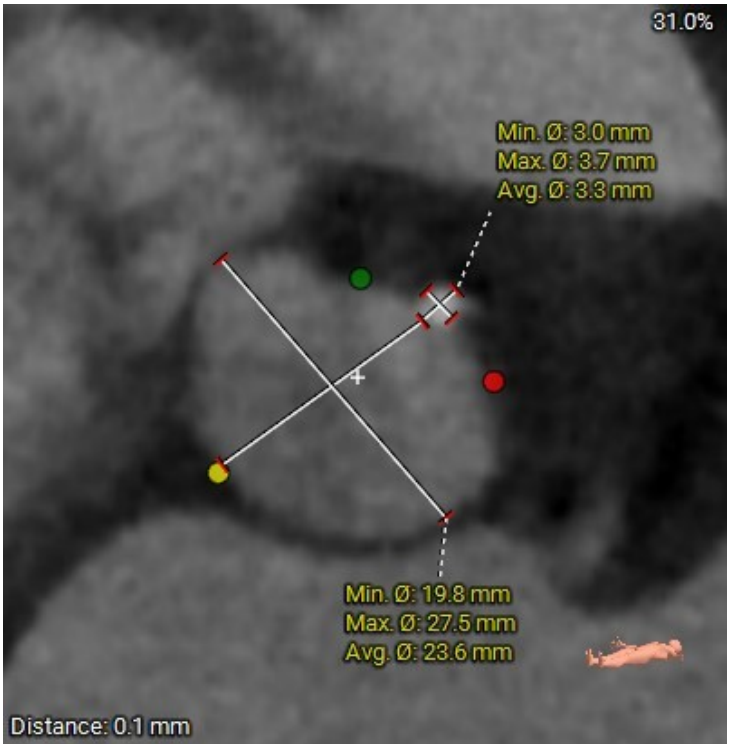
Aortic Valve Calcification



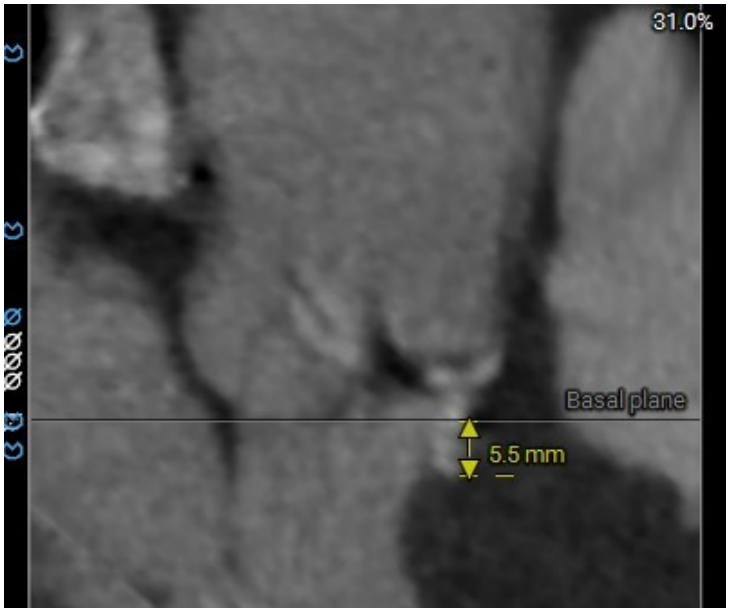
Calcium Quantification



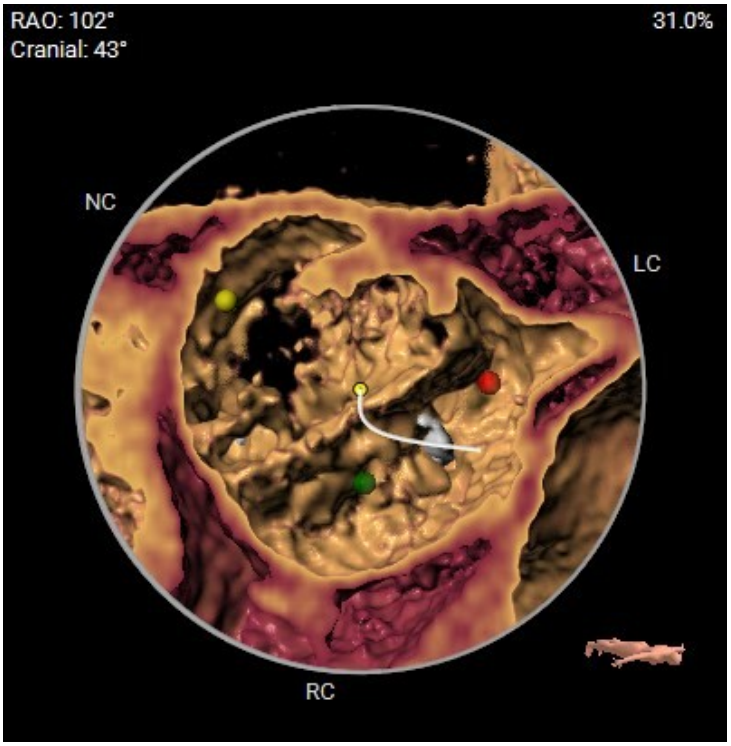
Annular Calcification



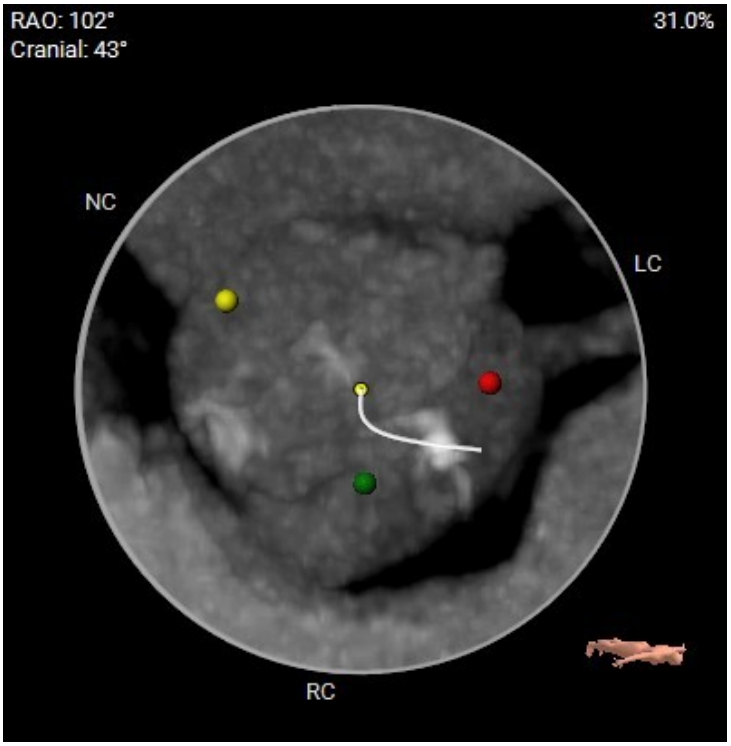
Calcification extending into LVOT (Between RCC & LCC)



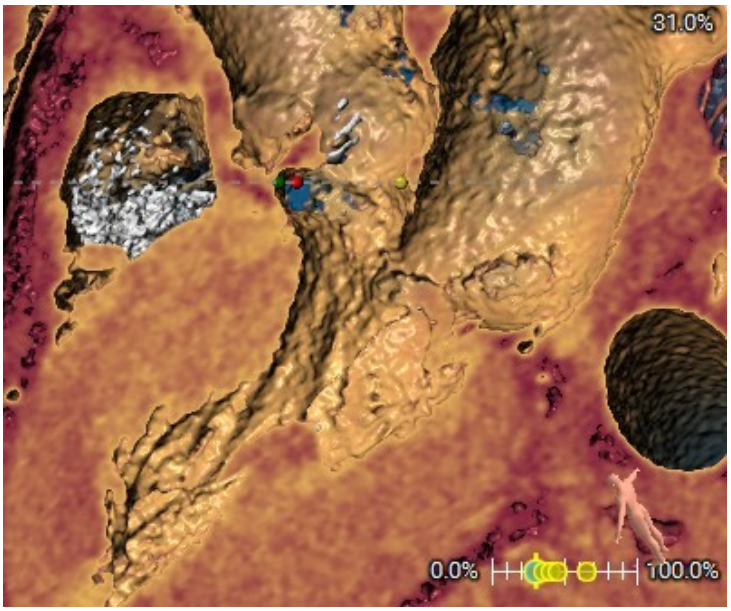
Hockey Puck (VR)



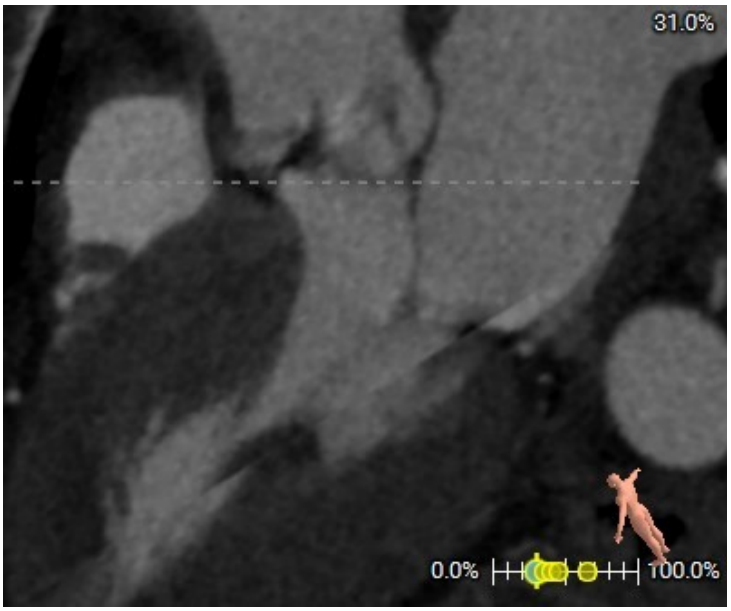
Hockey Puck (MIP)



Double Oblique (VR)



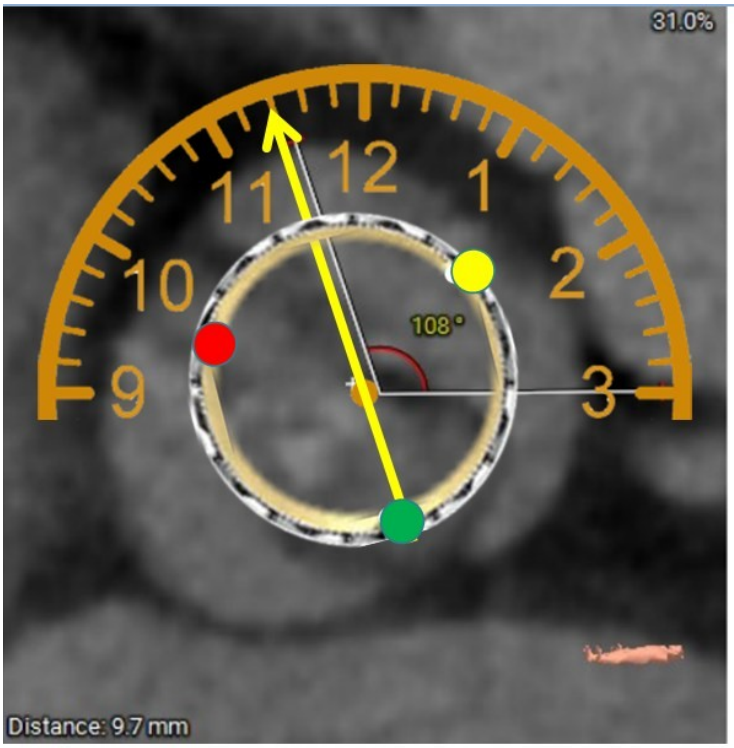
Double Oblique (MPR)

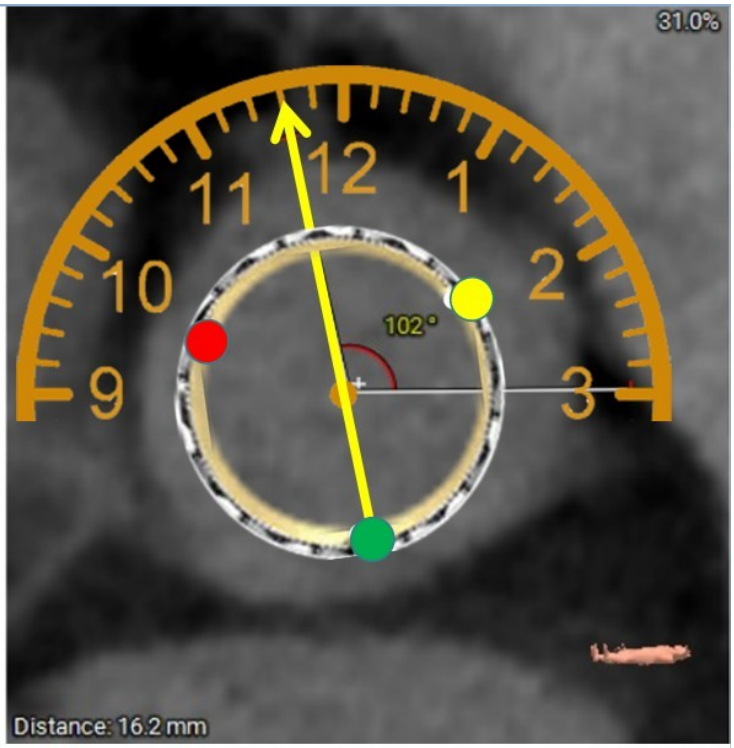


Clock Angle - Mid RCC

Clock Angle - Mid RCA

Octa Align - Clock Angle



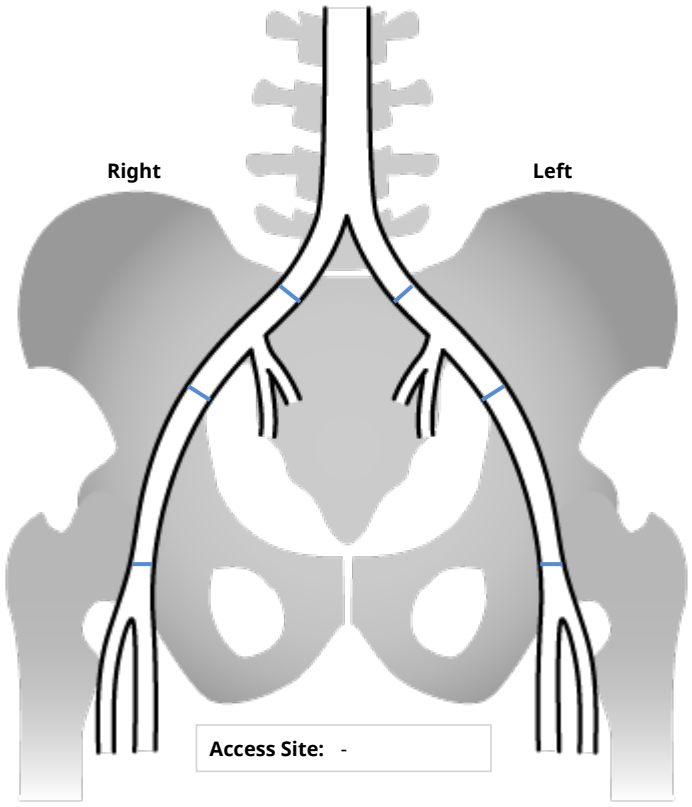


Clock Angle – Mid RCC

Clock Angle – Mid RCA

Clock Angle based on Mid RCC - 02:57 o'clock

Femoral



Right		Left	
CIA Ø:	10.6 mm	**CIA Ø:**	10.1 mm
EIA Ø:	7.7 mm	**EIA Ø:**	8.1 mm
FA Ø:	10.0 mm	**FA Ø:**	8.6 mm

Right

Common Iliac Ø	Min: 10.3 mm Max: 10.9 mm Average: 10.6 mm
Common Iliac Calcification	Mild
External Iliac Ø	Min: 7.5 mm Max: 7.9 mm Average: 7.7 mm
External Iliac Calcification	None
Femoral Ø	Min: 10.0 mm Max: 10.0 mm Average: 10.0 mm
Femoral Calcification	None

Left

Common Iliac Ø	Min: 9.6 mm Max: 10.5 mm Average: 10.1 mm
Common Iliac Calcification	None
External Iliac Ø	Min: 7.7 mm Max: 8.4 mm Average: 8.1 mm
External Iliac Calcification	None
Femoral Ø	Min: 8.4 mm Max: 8.8 mm Average: 8.6 mm
Femoral Calcification	None

Comments:

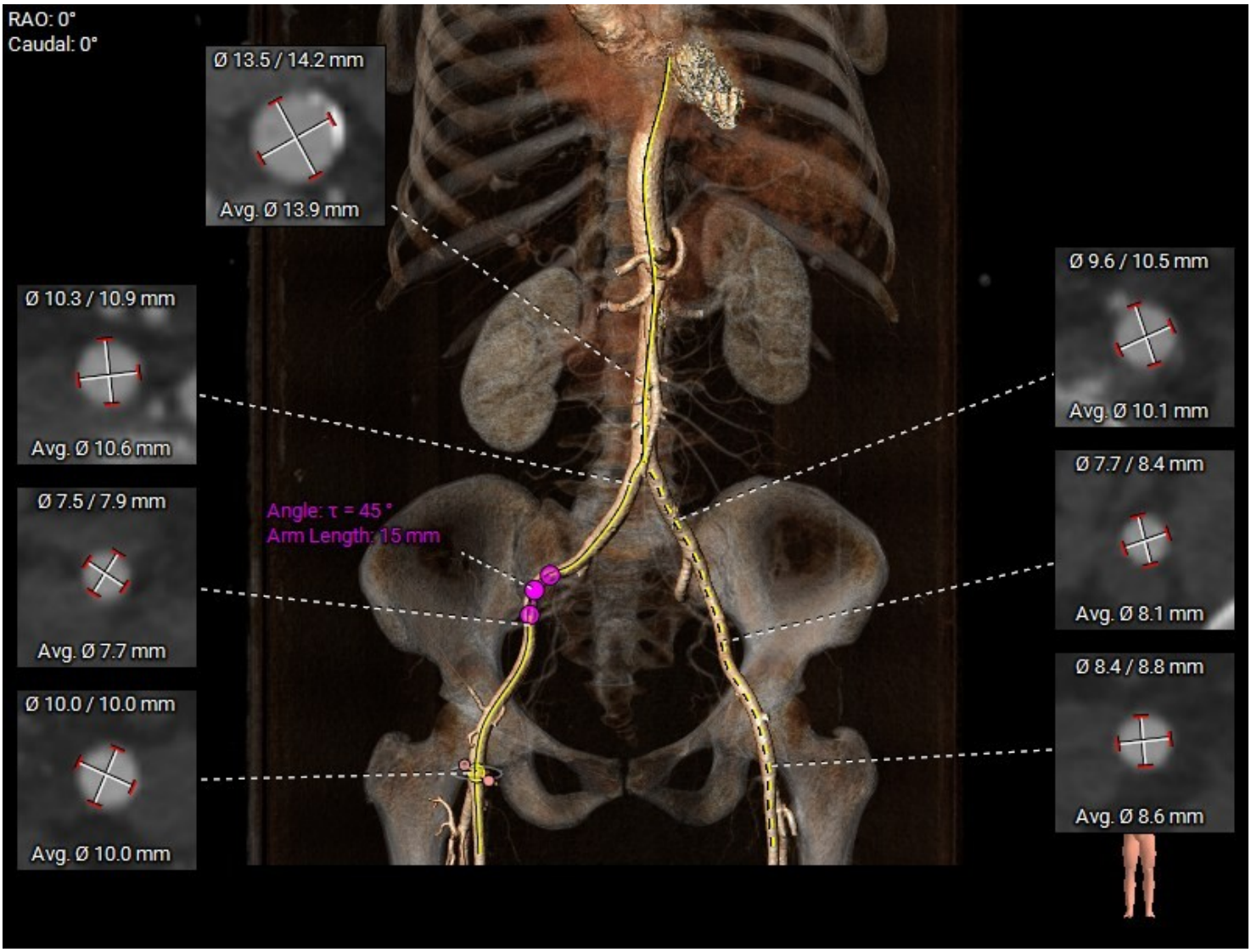
Mild Calcification observed in Abdominal Aorta
Mild Calcification observed in Right Common Iliac Artery

Calcifications

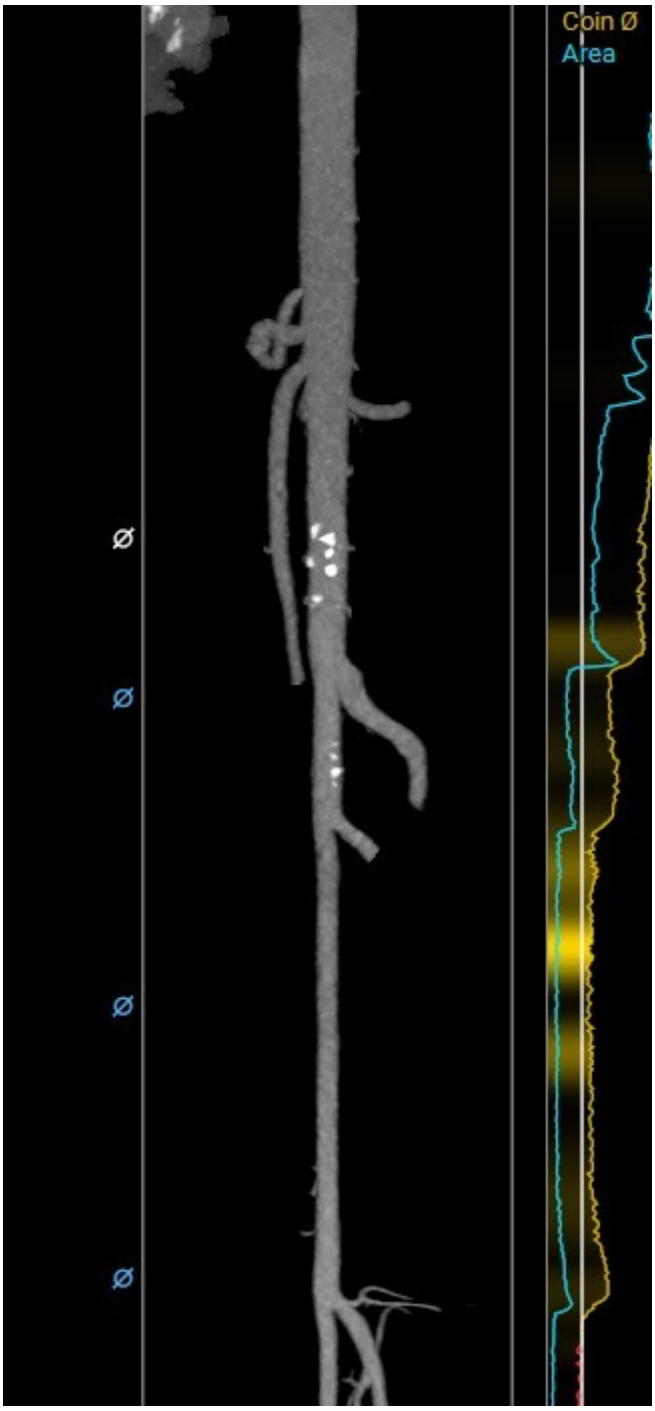
Calcifications

Right Femoral Bifurcation	Left Femoral Bifurcation
	

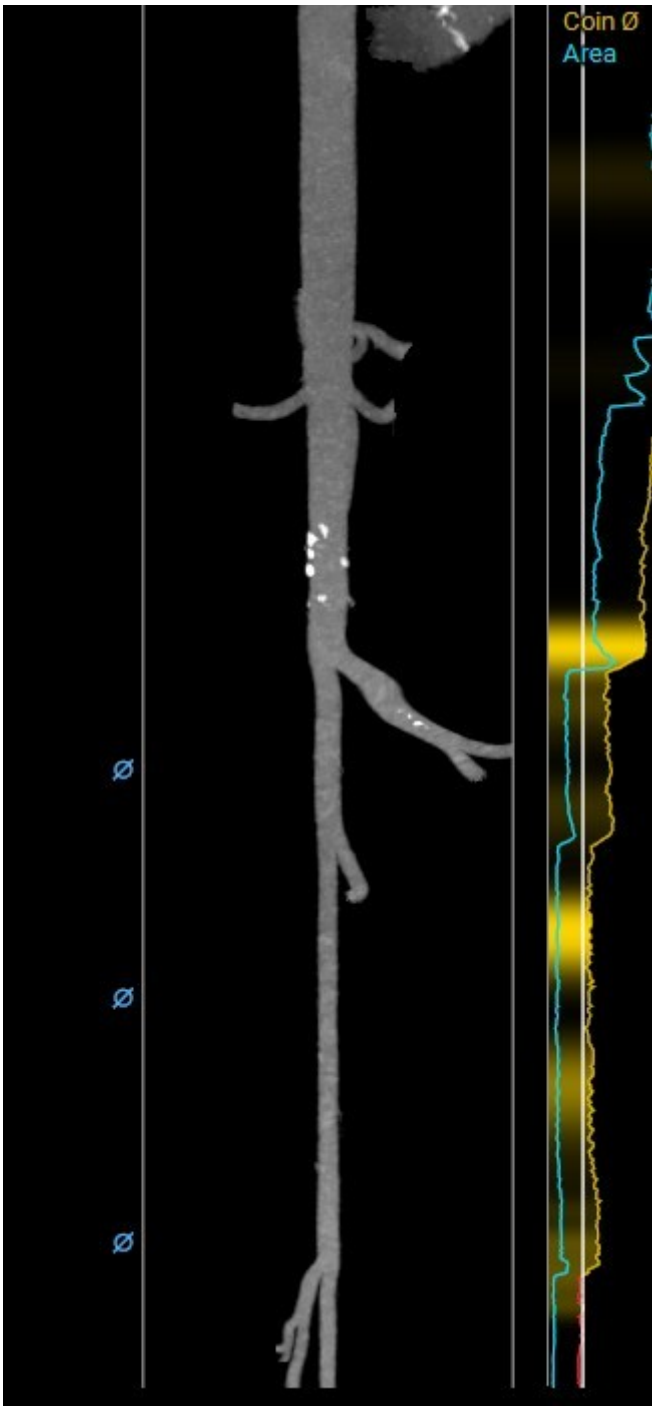
Femoral Overview



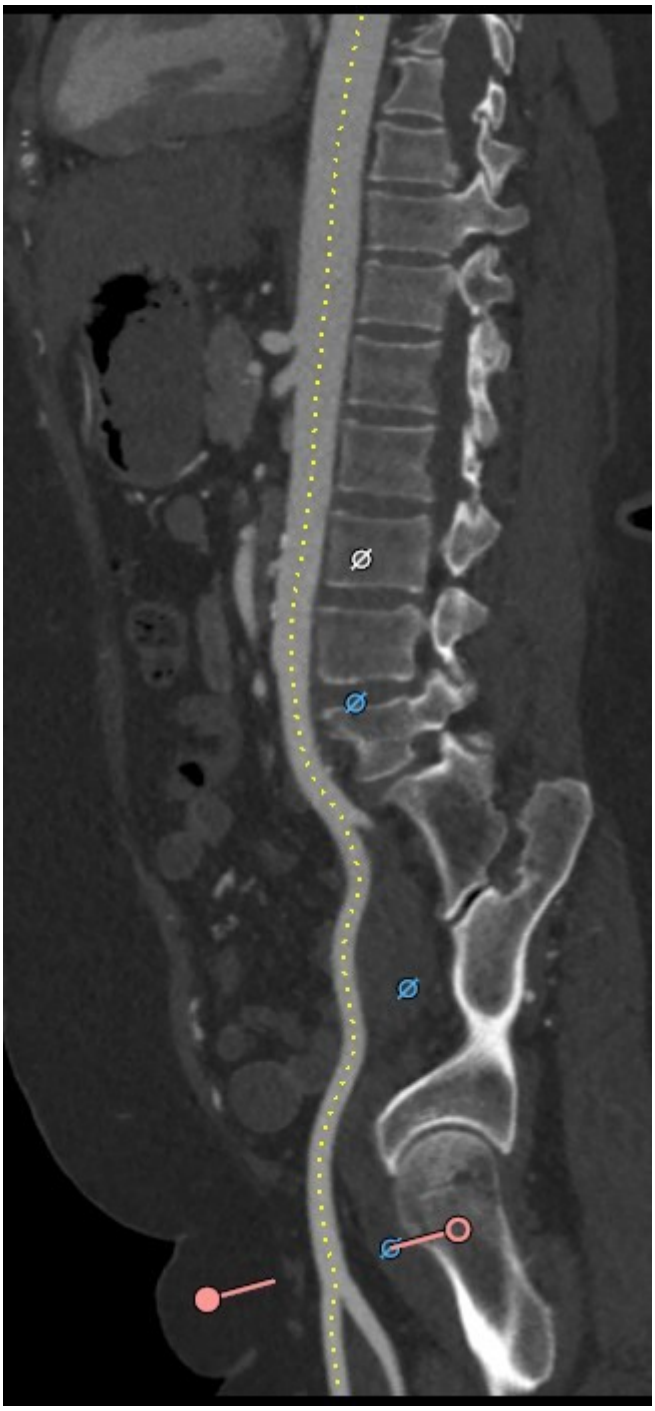
Calcifications - Right Iliac



Calcifications - Left Iliac



Snake View - Right Iliac



Snake View - Left Iliac