

Report Details

Creation Date: 01-11-2025
Created By: MERIL TAVI CORELAB (DP)
Received Date: 01-11-2025
Reviewed Date:

Physician: Dr. Rohit Mathur
Hospital: MDM Hospital
City: Jodhpur
Country: India

Patient Information

Name: UDA RAM
Gender: Male
Year Of Birth (Age): 78Y
Height: m
Weight: kg
BMI:
NYHA:
EuroSCORE II: %
STS Score: %

Comments: CT Scan date 30-10-2025
 Analysis done in 35% phase.

Aortic Valve

Phase: 35.0%

Aortic Annulus

Perimeter: 71.4 mm
 Perimeter Derived Ø: 22.7 mm
 Area: 392.9 mm²
 Area Derived Ø: 22.4 mm

LVOT Ø: 21.4 mm

Asc. Aorta Ø: 29.5 mm

STJ Ø: 26.1 mm

RCA Height: 22.0 mm

LCA Height: 17.8 mm

Sinus Of Valsalva Diameters:

Left: 29.4 mm
 Right: 33.6 mm
 Non: 34.1 mm

Aortic Valve Calcification: Mild



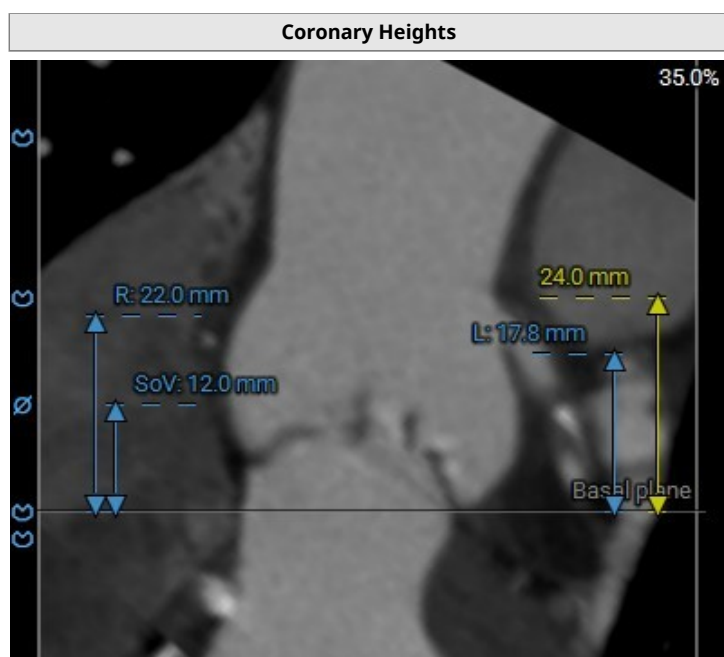
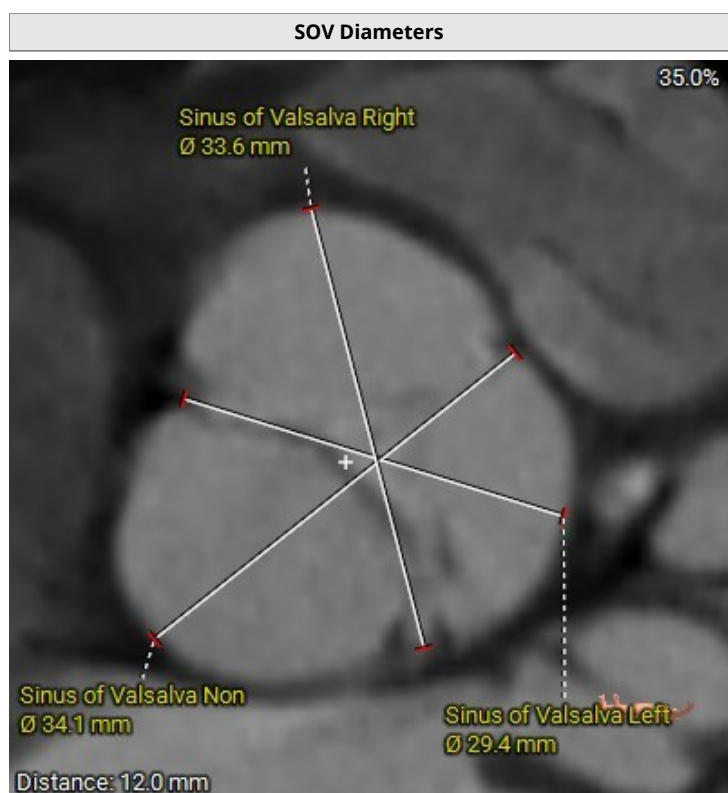
Measurements:

Ascending Aorta Ø	Min: 28.2 mm Max: 30.8 mm Average: 29.5 mm
Aortic Annulus	Min Ø: 20.3 mm Max Ø: 23.9 mm Average Ø: 22.1 mm Eccentricity: 0.15
Sinus of Valsalva Height	12.0 mm
Annulus to Apex	
Membranous Septum Length	
Horizontal Aorta Angle	

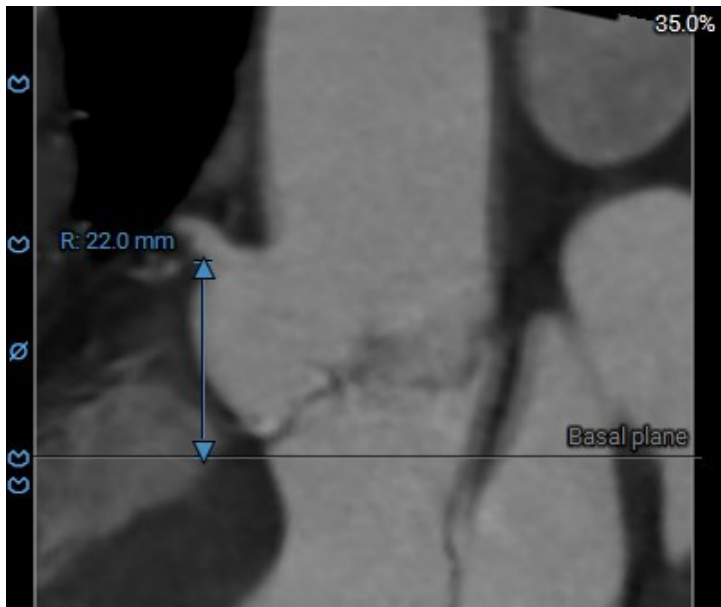
Sinotubular Junction Ø	Min: 24.1 mm Max: 28.1 mm Average: 26.1 mm
LVOT Ø	Min: 19.4 mm Max: 23.4 mm Average: 21.4 mm
Aorto-Mitral Continuity Length	
Valve to RCA	
Valve to LCA	
Valve to STJ	

Comments:

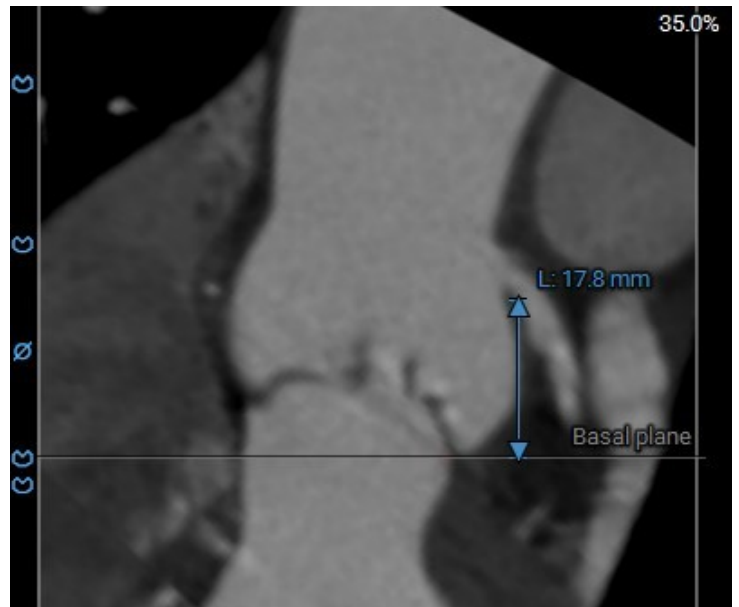
Seems to be Tricuspid Aortic Valve
 Mild Aortic Valve Calcification
 Severe Calcification observed in Arch of Aorta



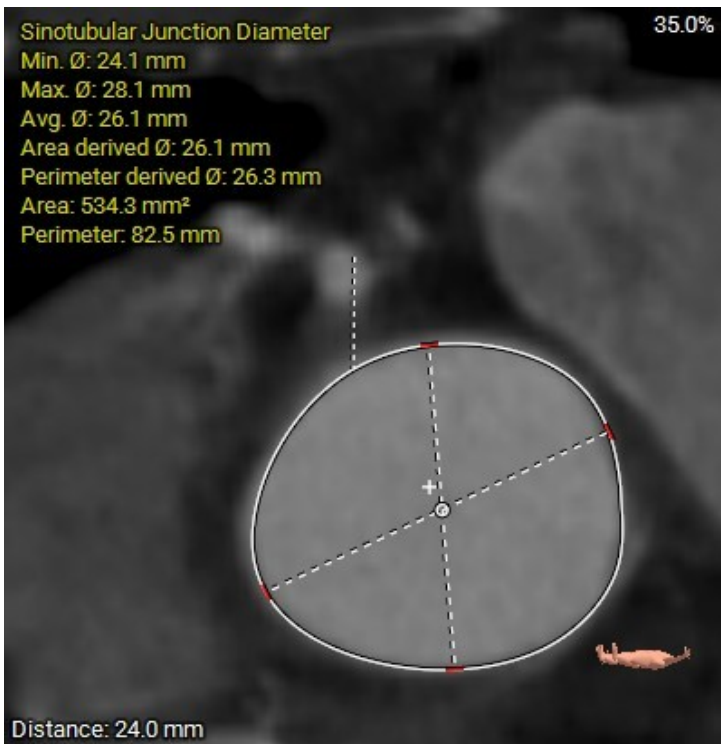
RCA Height



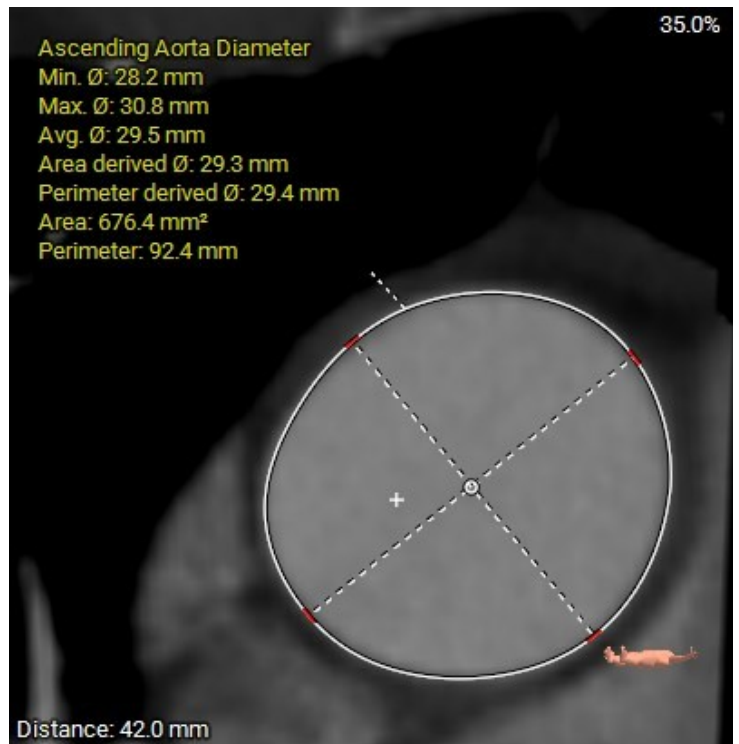
LCA Height

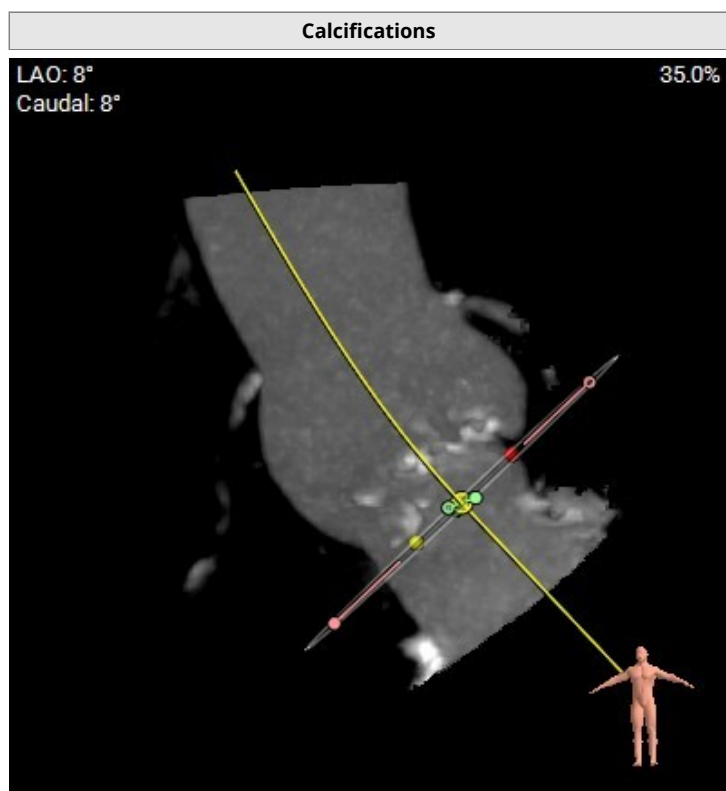
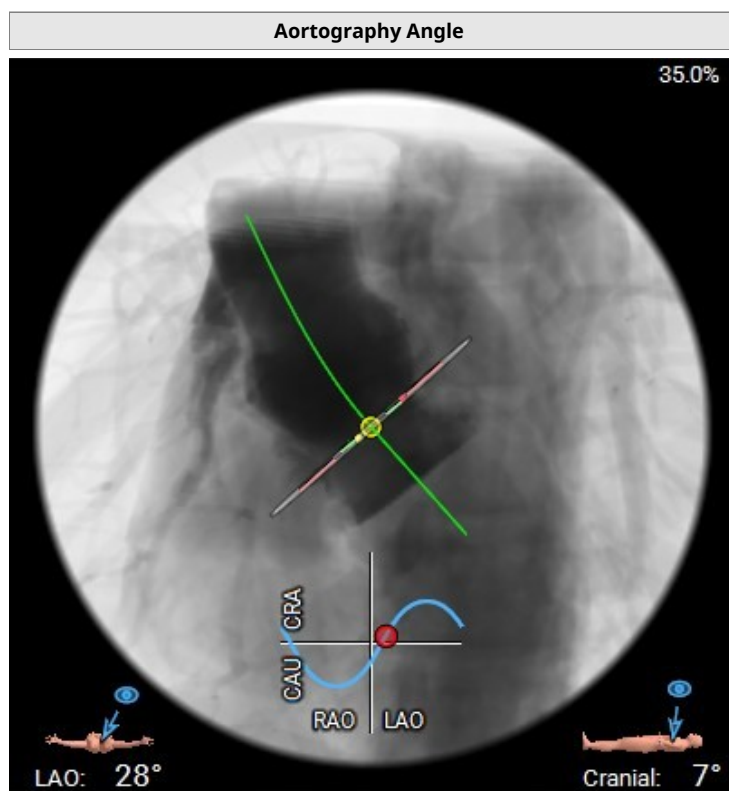
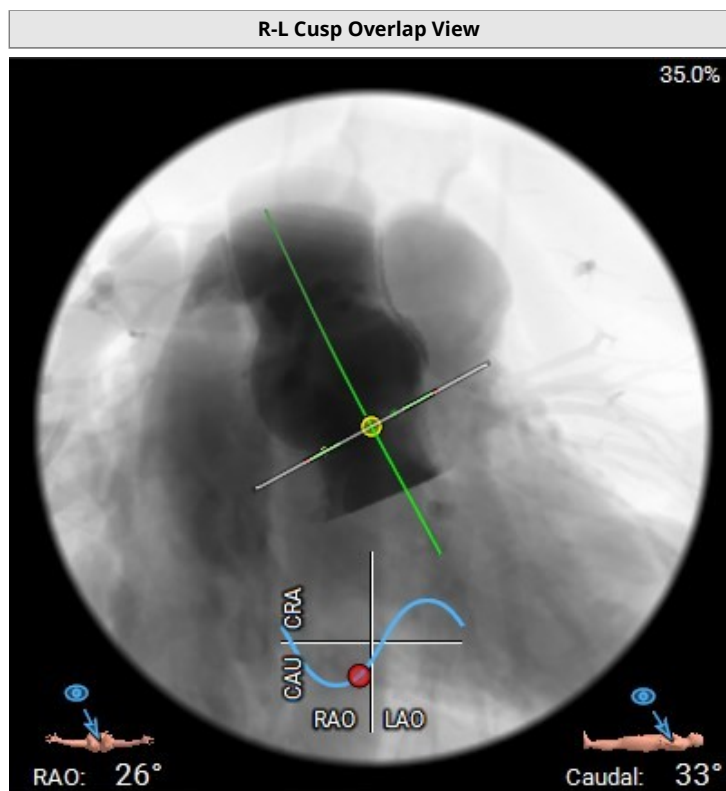
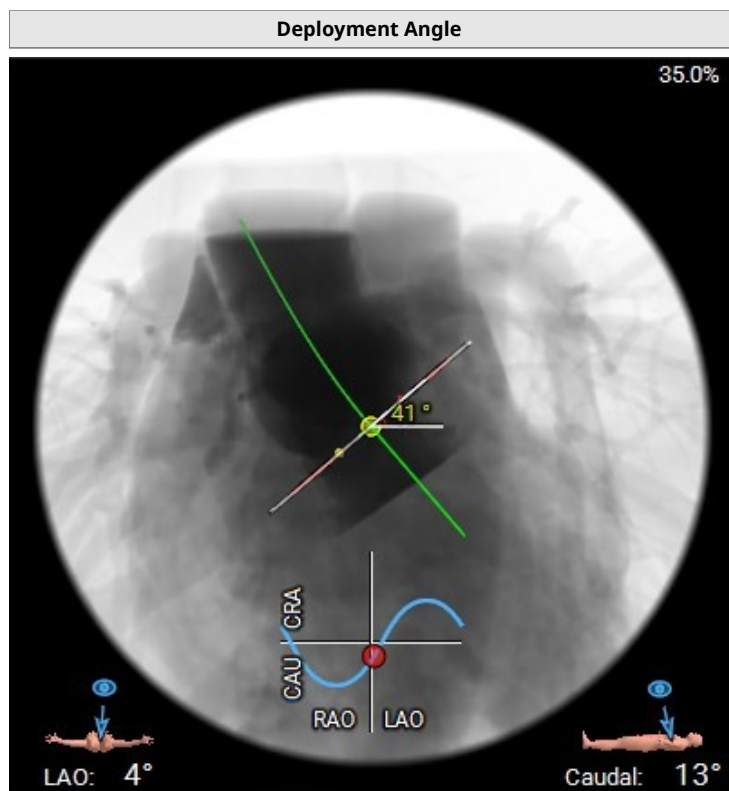


Sinotubular Junction

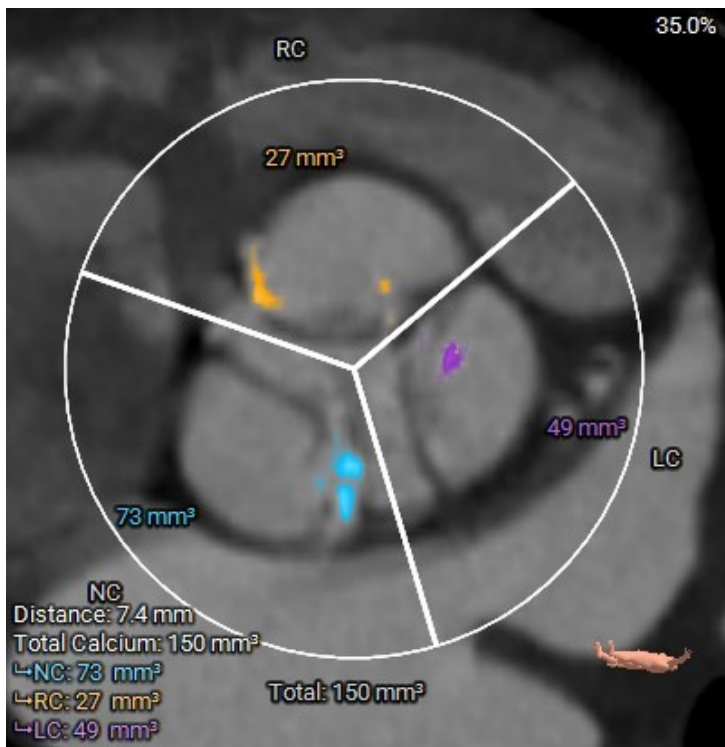


Ascending Aorta

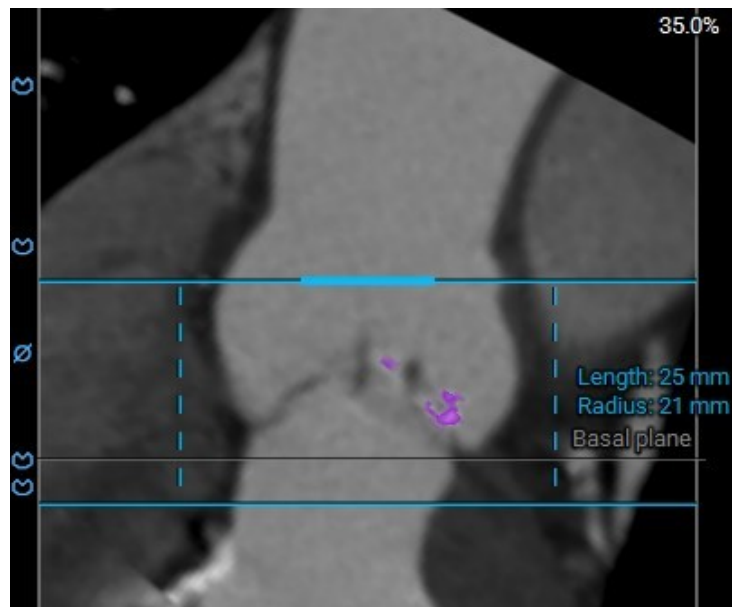




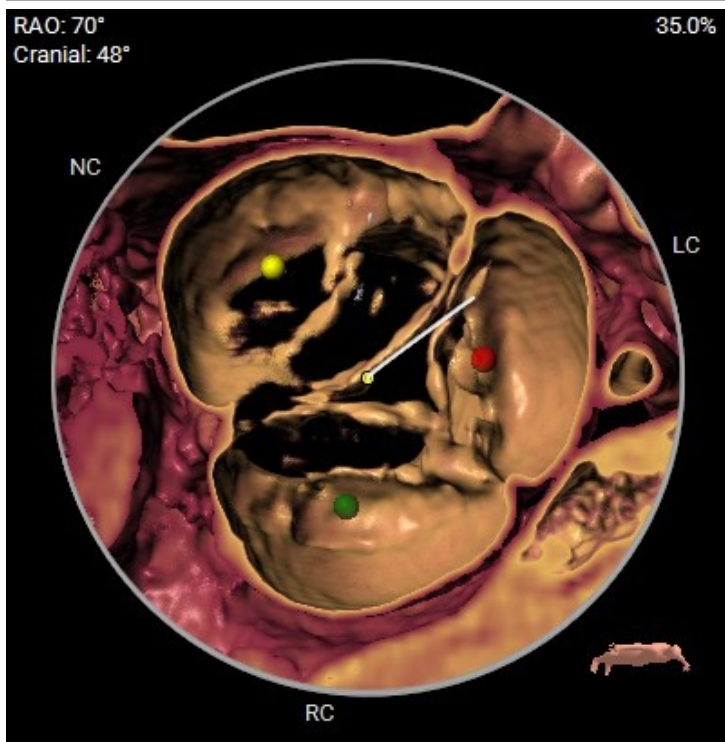
Aortic Valve Calcification



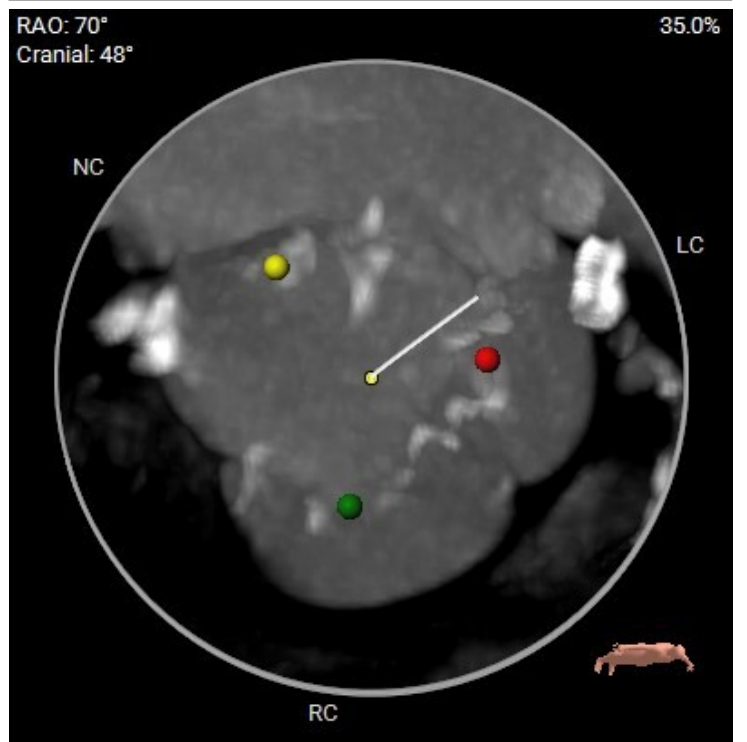
Calcium Quantification



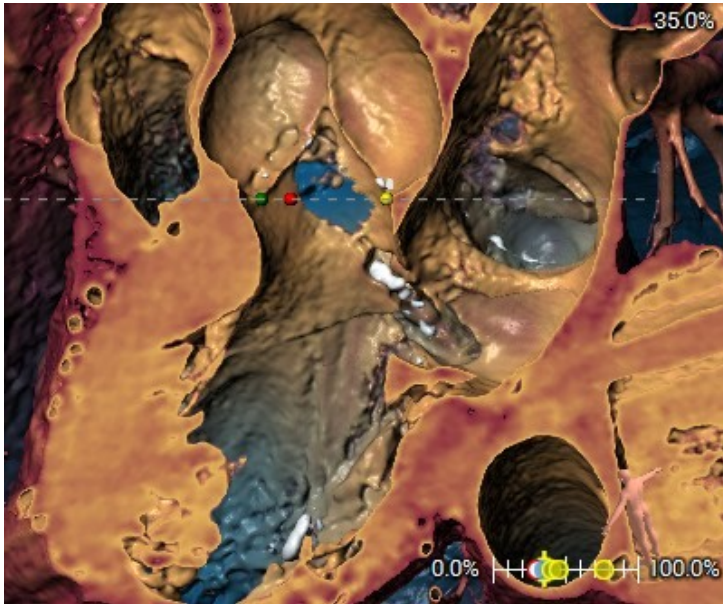
Hockey Puck (VR)



Hockey Puck (MIP)



Double Oblique (VR)



Double Oblique (MPR)

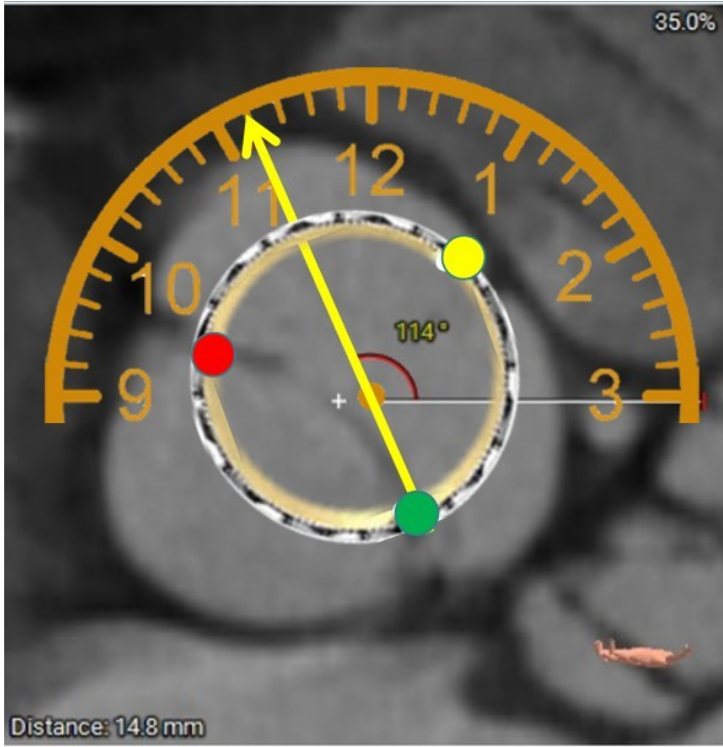


Clock Angle - Mid RCC

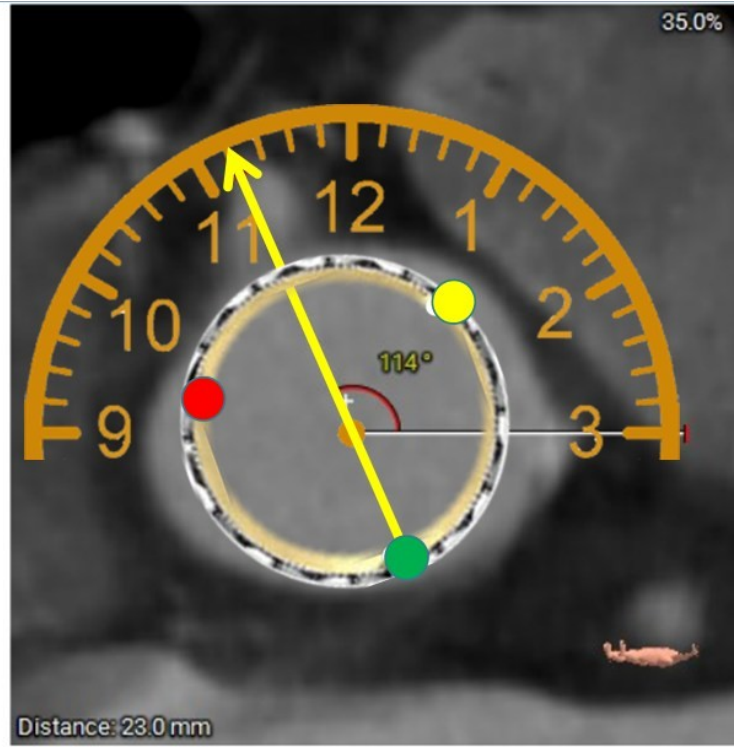


Clock Angle - Mid RCA





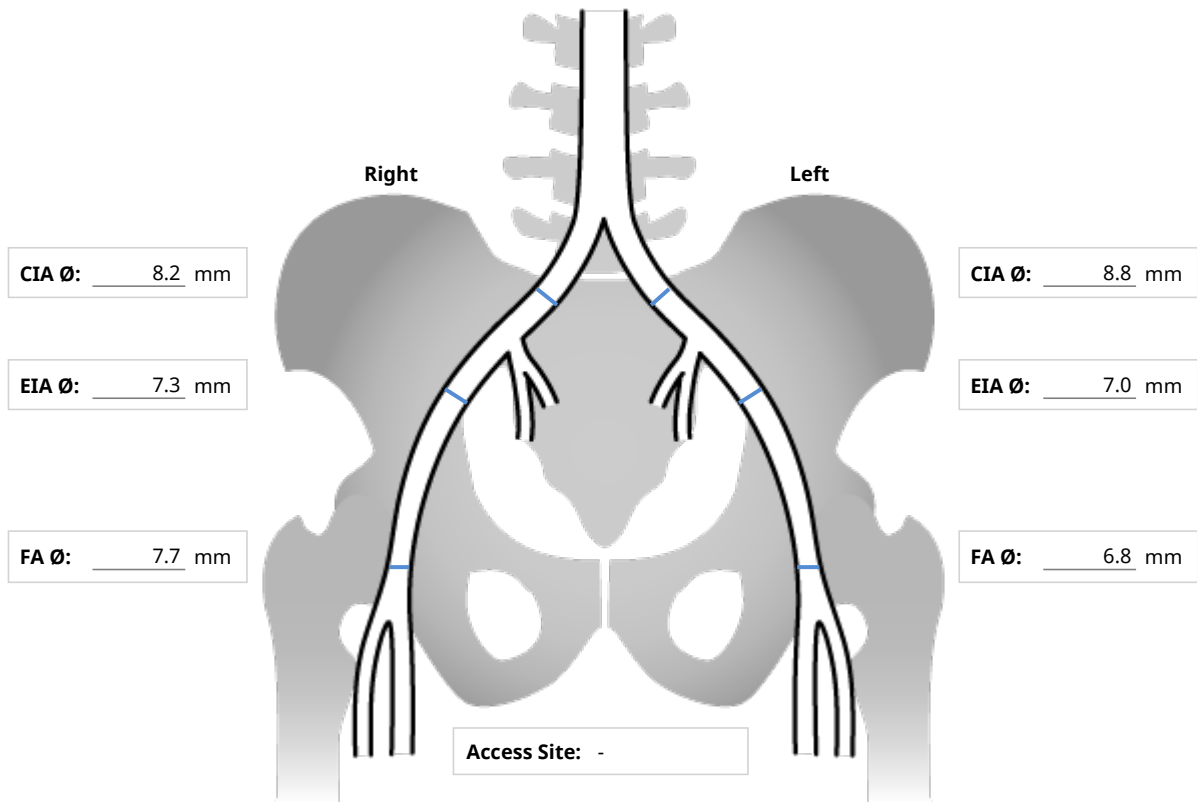
Clock Angle – Mid RCC



Clock Angle – Mid RCA

Clock Angle based on Mid RCC - 02:56 o'clock

Femoral



Right

Common Iliac Ø	Min: 8.1 mm Max: 8.4 mm Average: 8.2 mm
Common Iliac Calcification	Mild
External Iliac Ø	Min: 7.2 mm Max: 7.3 mm Average: 7.3 mm
External Iliac Calcification	None
Femoral Ø	Min: 7.5 mm Max: 7.9 mm Average: 7.7 mm
Femoral Calcification	None

Left

Common Iliac Ø	Min: 8.6 mm Max: 8.9 mm Average: 8.8 mm
Common Iliac Calcification	Mild
External Iliac Ø	Min: 6.7 mm Max: 7.4 mm Average: 7.0 mm
External Iliac Calcification	None
Femoral Ø	Min: 6.1 mm Max: 7.5 mm Average: 6.8 mm
Femoral Calcification	None

Comments:

Mild Calcification observed in Abdominal Aorta
Mild Calcification observed in Right & Left Common Iliac Arteries



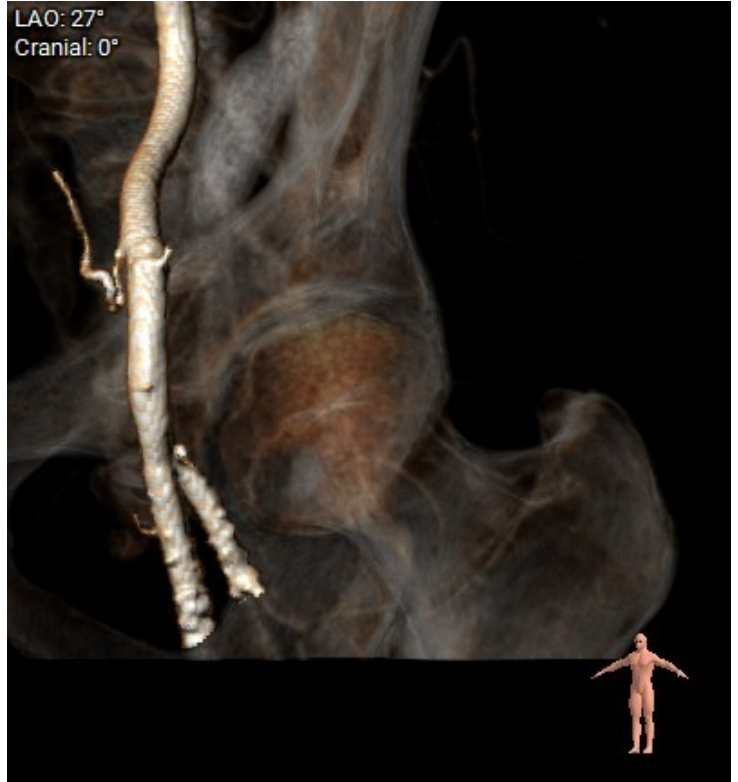
Right Femoral Bifurcation

RAO: 35°
Cranial: 1°



Left Femoral Bifurcation

LAO: 27°
Cranial: 0°



RAO: 0°
Caudal: 0°

Ø 11.1 / 13.3 mm



Avg. Ø 12.2 mm

Ø 8.1 / 8.4 mm



Avg. Ø 8.2 mm

Ø 7.2 / 7.3 mm



Avg. Ø 7.3 mm

Ø 7.5 / 7.9 mm



Avg. Ø 7.7 mm

Ø 8.6 / 8.9 mm



Avg. Ø 8.8 mm

Ø 6.7 / 7.4 mm



Avg. Ø 7.0 mm

Ø 6.1 / 7.5 mm

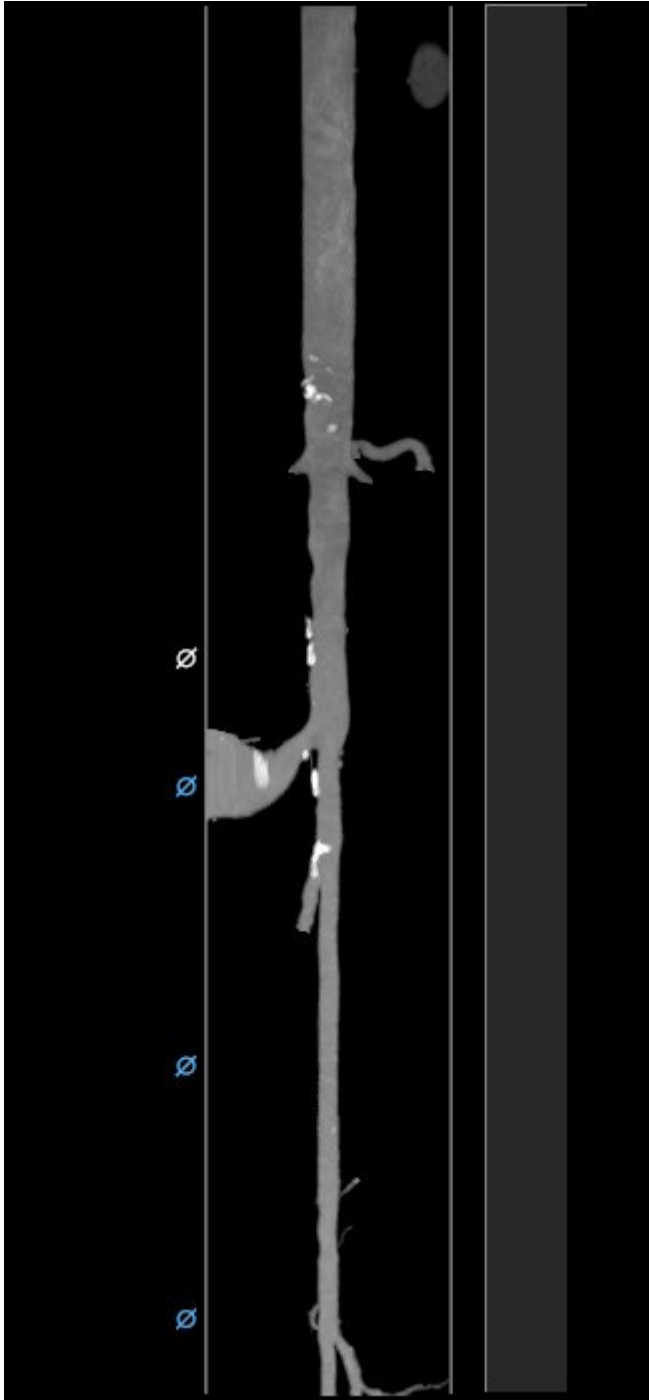


Avg. Ø 6.8 mm

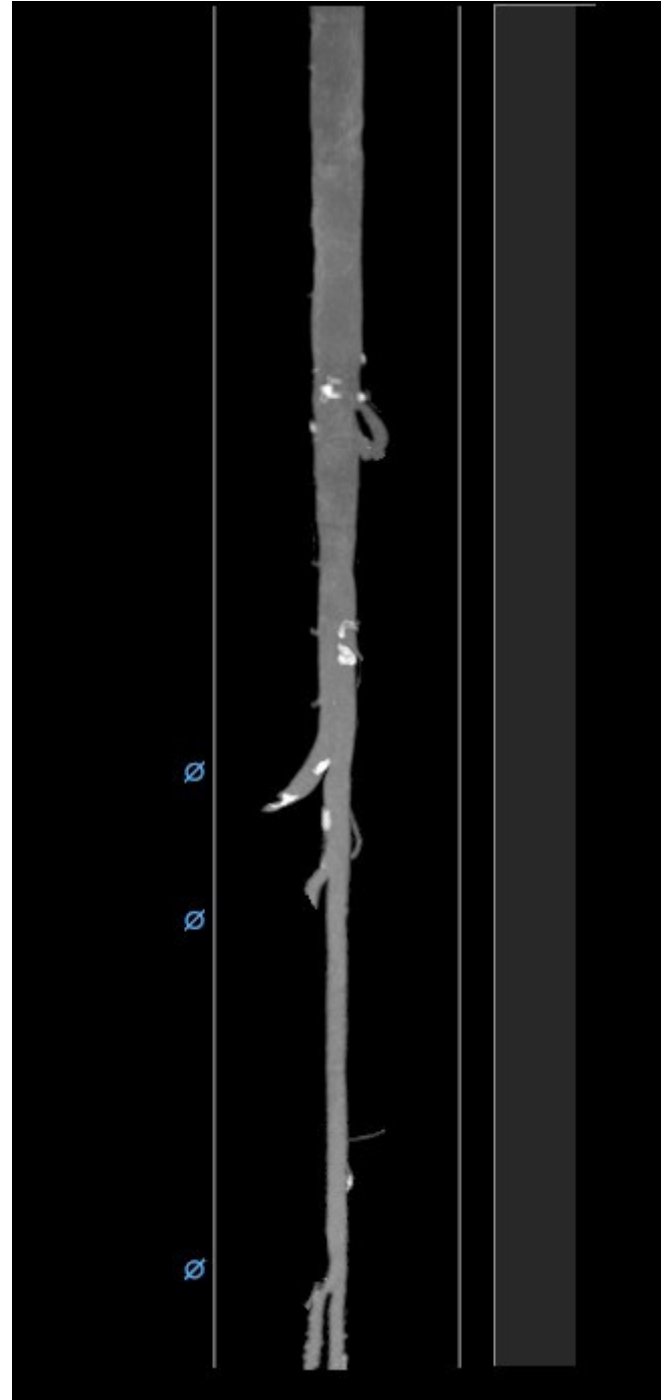
Angle: $\tau = 44^\circ$
Arm Length: 15 mm



Calcifications - Right Iliac



Calcifications - Left Iliac



Snake View - Right Iliac



Snake View - Left Iliac

