

Report Details

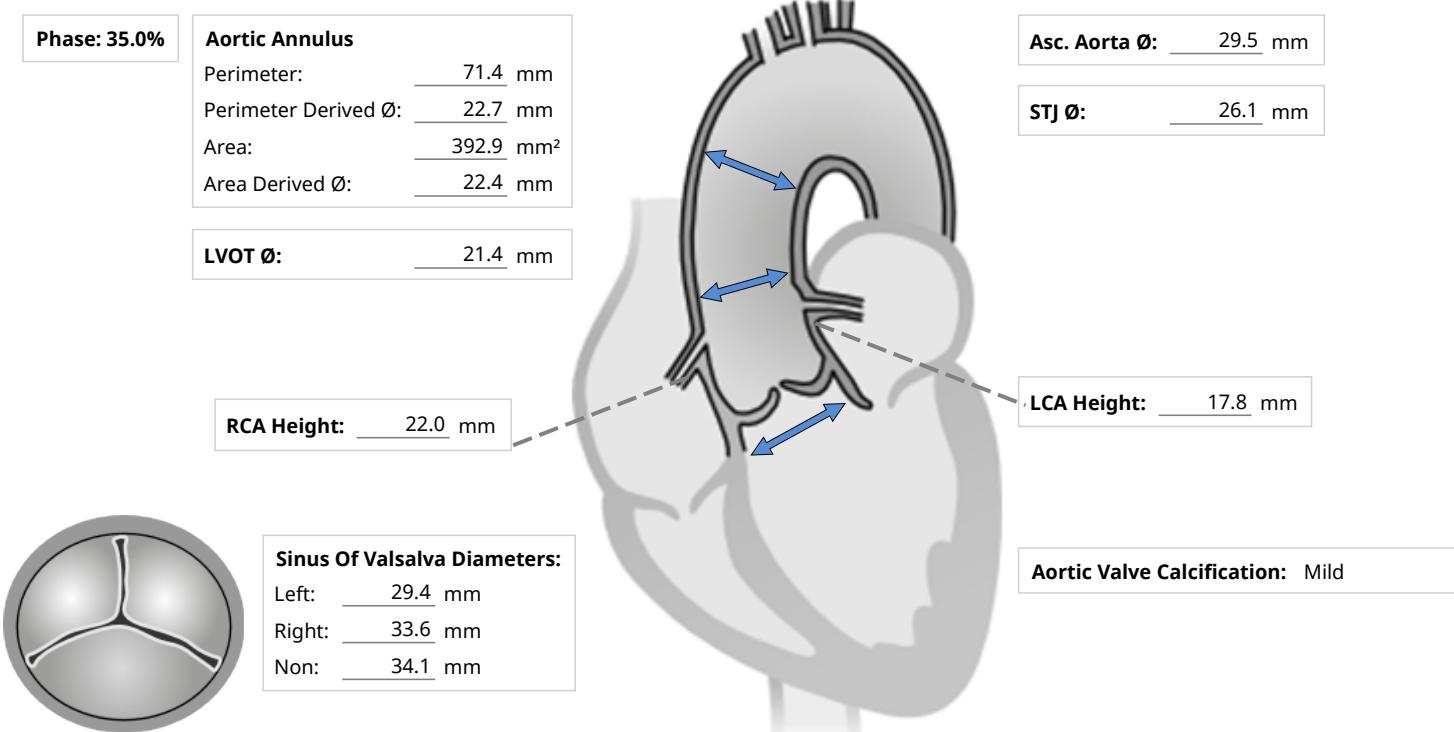
Creation Date: 01-11-2025
Created By: MERIL TAVI CORELAB (DP)
Received Date: 01-11-2025
Reviewed Date:

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

Patient Information

Name:	UDA RAM	Height:	m	NYHA:	
Gender:	Male	Weight:	kg	EuroSCORE II:	%
Year Of Birth (Age):	78Y	BMI:		STS Score:	%
Comments:	CT Scan date 30-10-2025 Analysis done in 35% phase.				

Aortic Valve



Measurements:

Ascending Aorta Ø	Min: 28.2 mm Max: 30.8 mm Average: 29.5 mm	Sinotubular Junction Ø	Min: 24.1 mm Max: 28.1 mm Average: 26.1 mm
Aortic Annulus	Min Ø: 20.3 mm Max Ø: 23.9 mm Average Ø: 22.1 mm Eccentricity: 0.15	LVOT Ø	Min: 19.4 mm Max: 23.4 mm Average: 21.4 mm
Sinus of Valsalva Height	12.0 mm	Aorto-Mitral Continuity Length	
Annulus to Apex		Valve to RCA	
Membranous Septum Length		Valve to LCA	
Horizontal Aorta Angle		Valve to STJ	

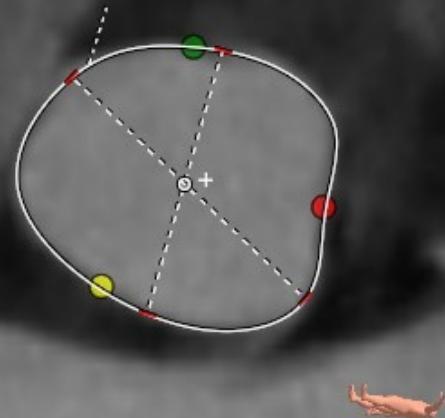
Comments:

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

Annulus

Annulus Dimensions

Min. Ø: 20.3 mm
Max. Ø: 23.9 mm
Avg. Ø: 22.1 mm
Area derived Ø: 22.4 mm
Perimeter derived Ø: 22.7 mm
Area: 392.9 mm²
Perimeter: 71.4 mm

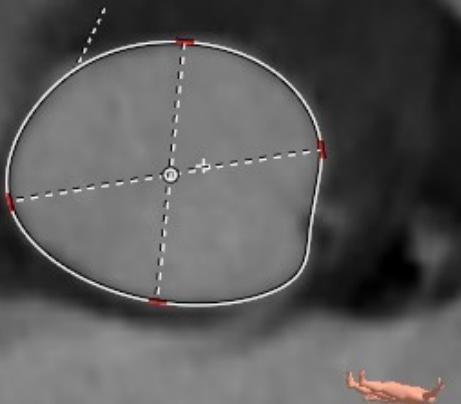


Distance: 0.0 mm

LVOT

LVOT Diameter

Min. Ø: 19.4 mm
Max. Ø: 23.4 mm
Avg. Ø: 21.4 mm
Area derived Ø: 21.5 mm
Perimeter derived Ø: 21.8 mm
Area: 363.7 mm²
Perimeter: 68.6 mm



Distance: 3.0 mm

SOV Diameters

Sinus of Valsalva Right

Ø 33.6 mm

Sinus of Valsalva Non
Ø 34.1 mm

Sinus of Valsalva Left
Ø 29.4 mm

Distance: 12.0 mm

35.0%

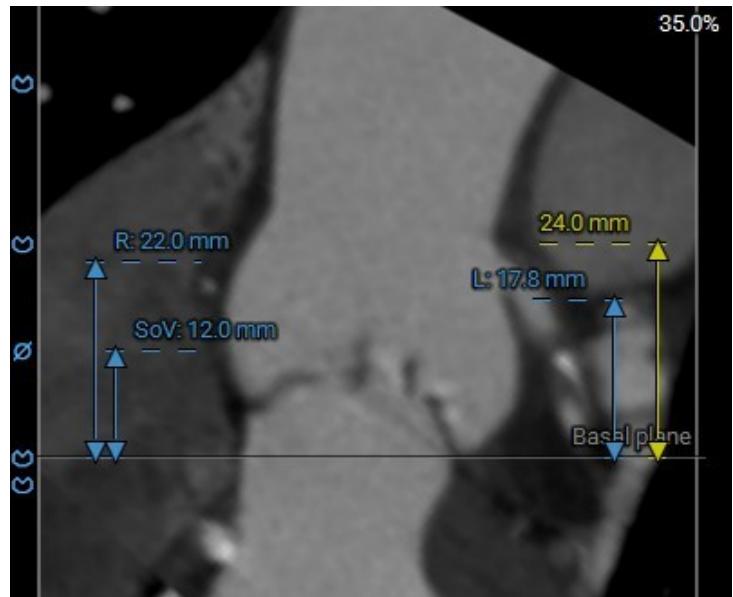
Coronary Heights

24.0 mm

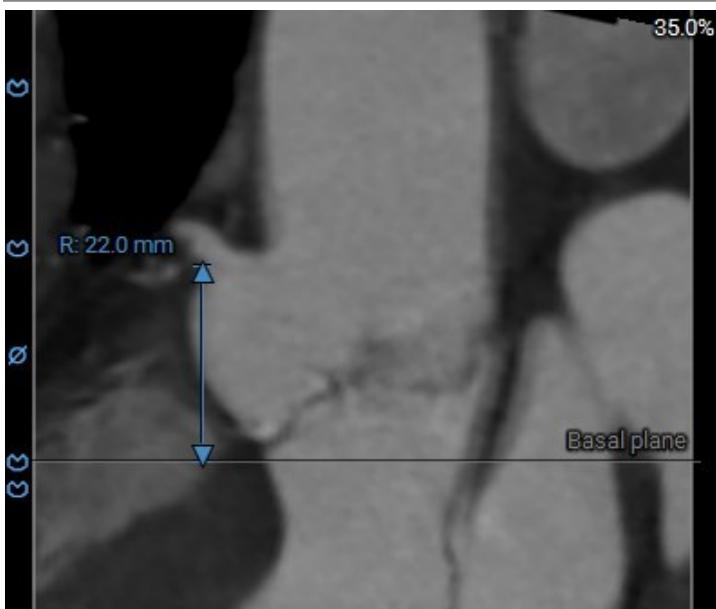
L:

17.8 mm

Basal plane



RCA Height



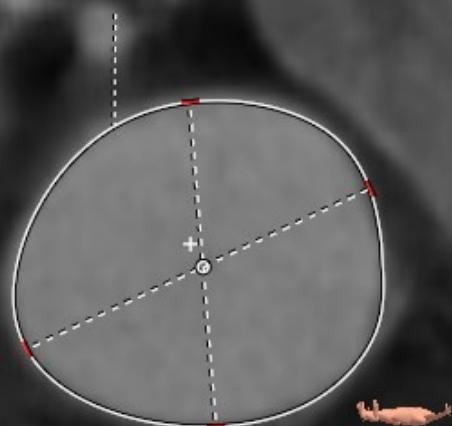
LCA Height



Sinotubular Junction

Sinotubular Junction Diameter

Min. Ø: 24.1 mm
Max. Ø: 28.1 mm
Avg. Ø: 26.1 mm
Area derived Ø: 26.1 mm
Perimeter derived Ø: 26.3 mm
Area: 534.3 mm²
Perimeter: 82.5 mm

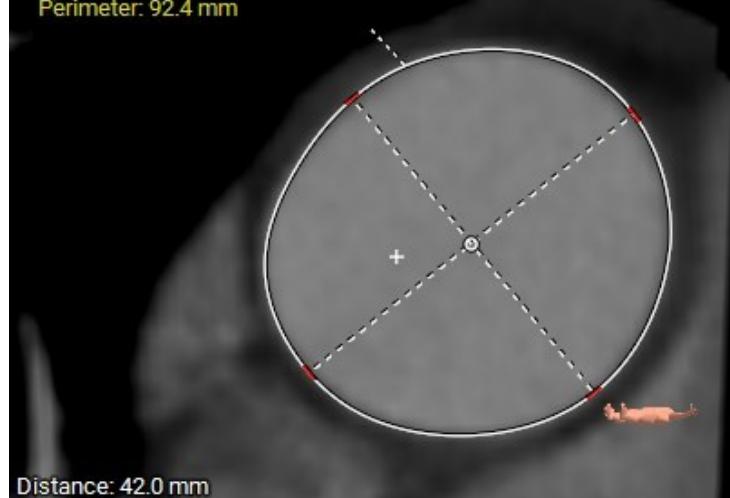


Distance: 24.0 mm

Ascending Aorta

Ascending Aorta Diameter

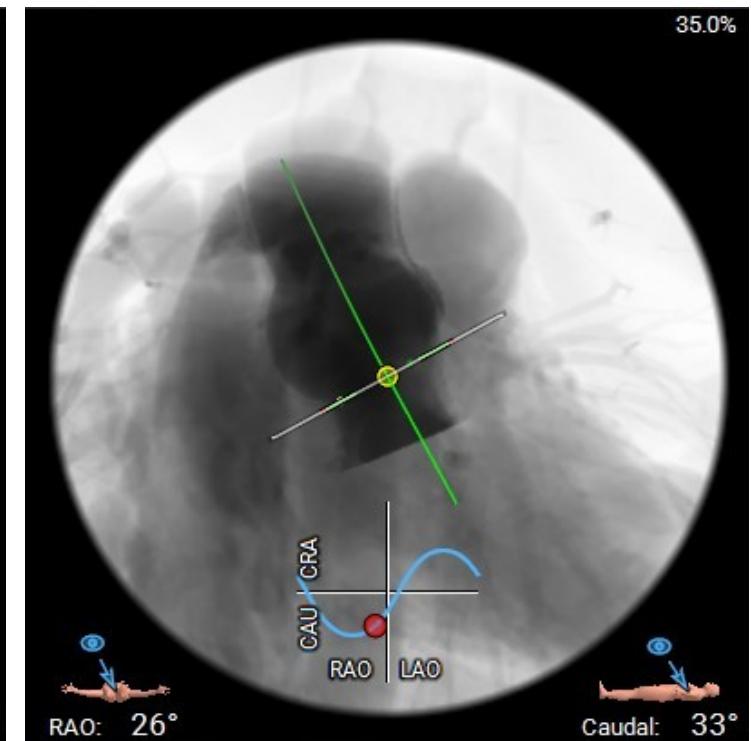
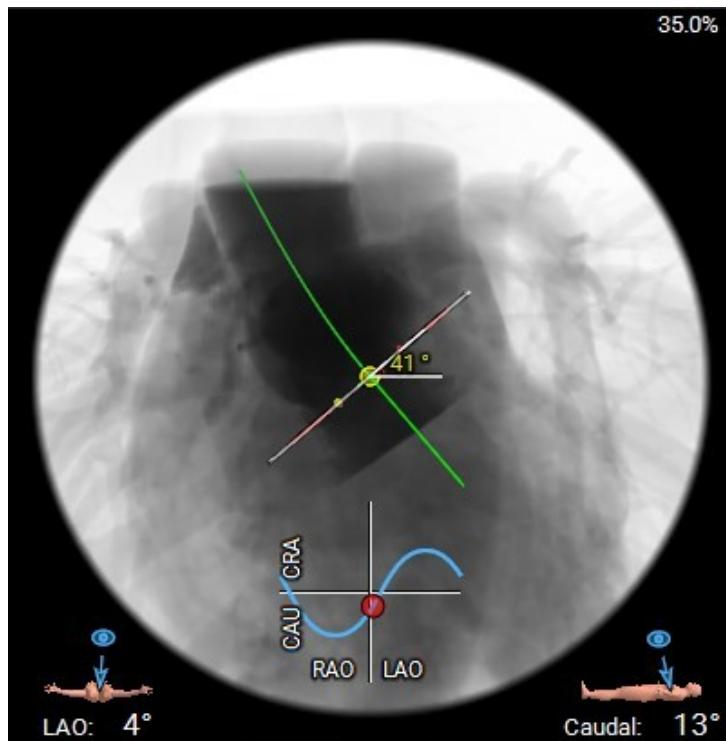
Min. Ø: 28.2 mm
Max. Ø: 30.8 mm
Avg. Ø: 29.5 mm
Area derived Ø: 29.3 mm
Perimeter derived Ø: 29.4 mm
Area: 676.4 mm²
Perimeter: 92.4 mm



Deployment Angle**R-L Cusp Overlap View**

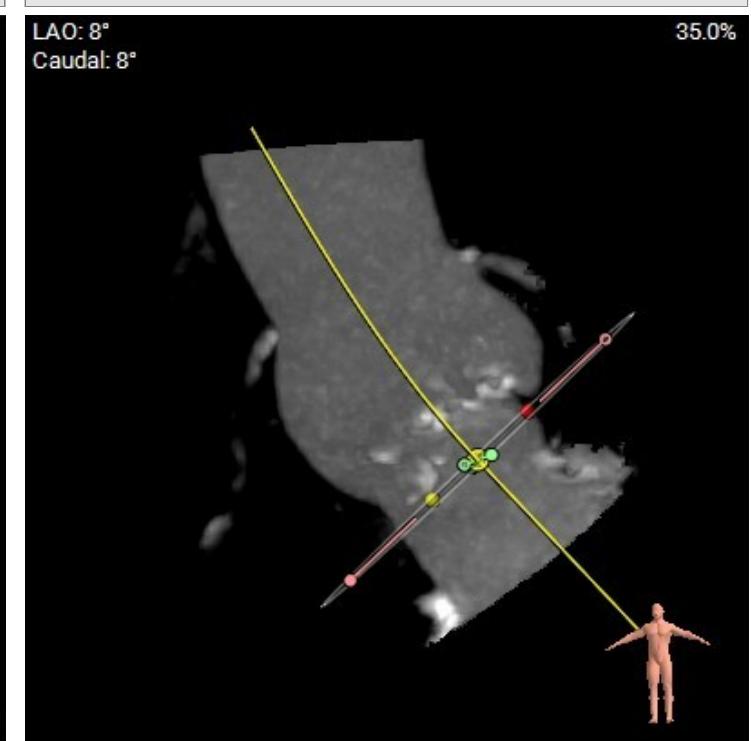
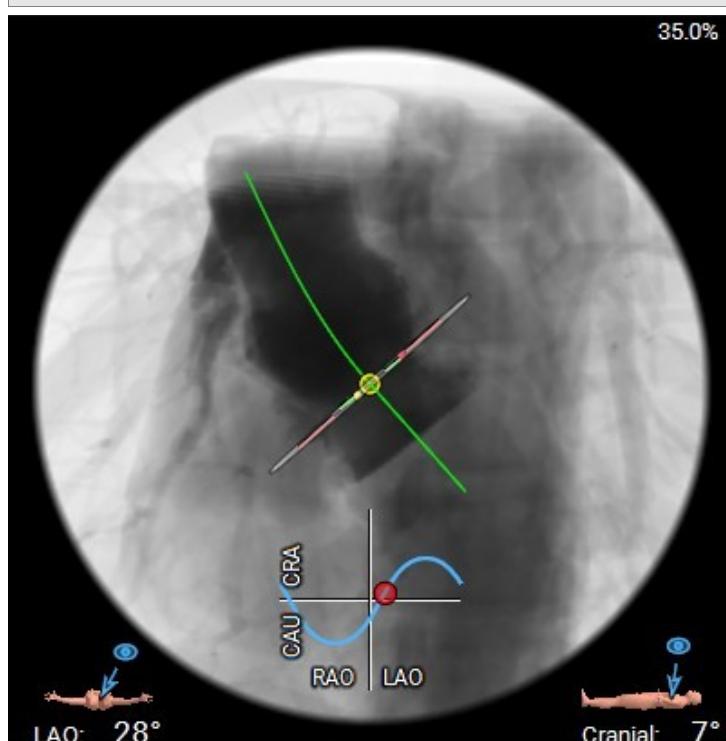
35.0%

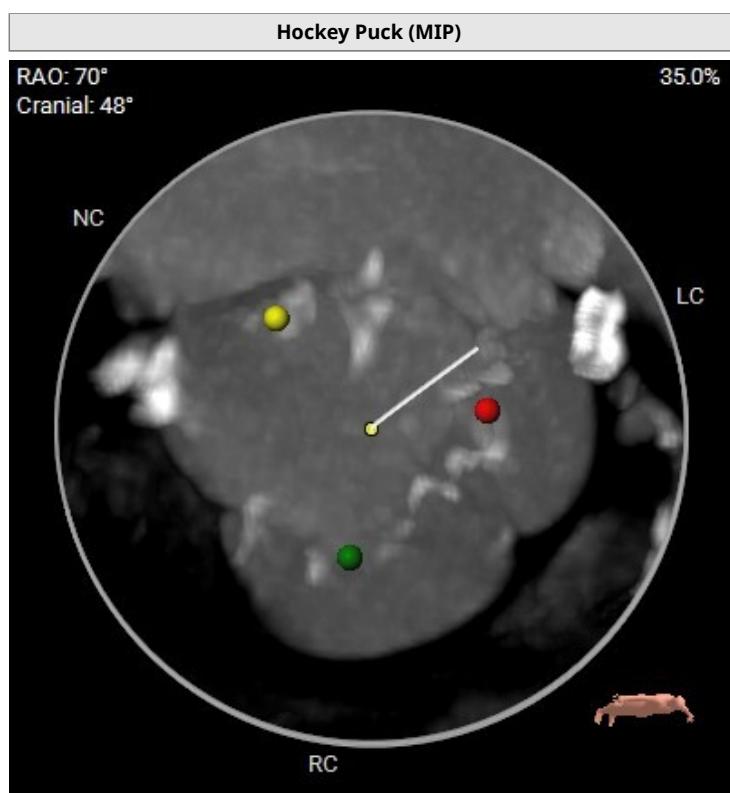
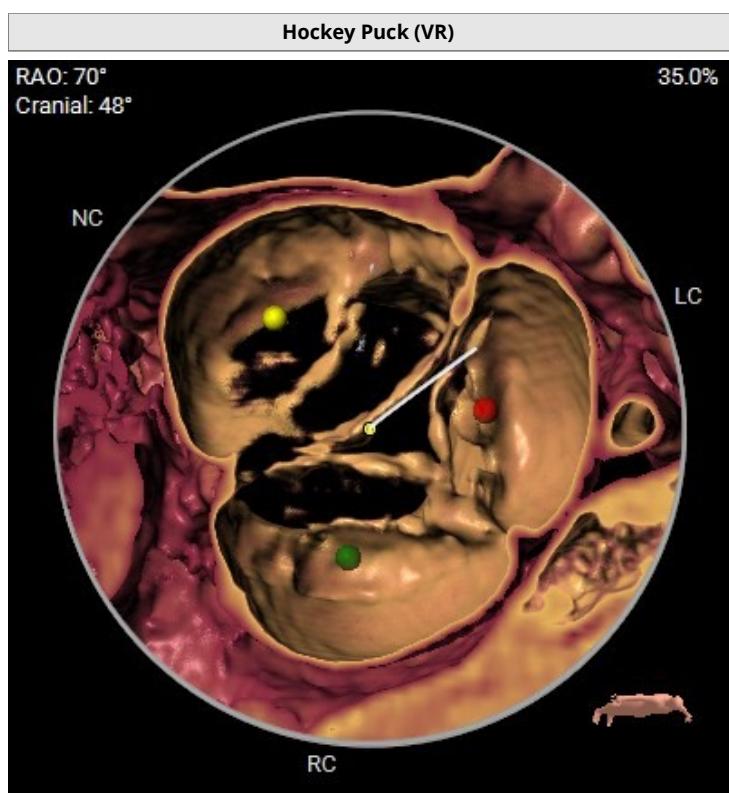
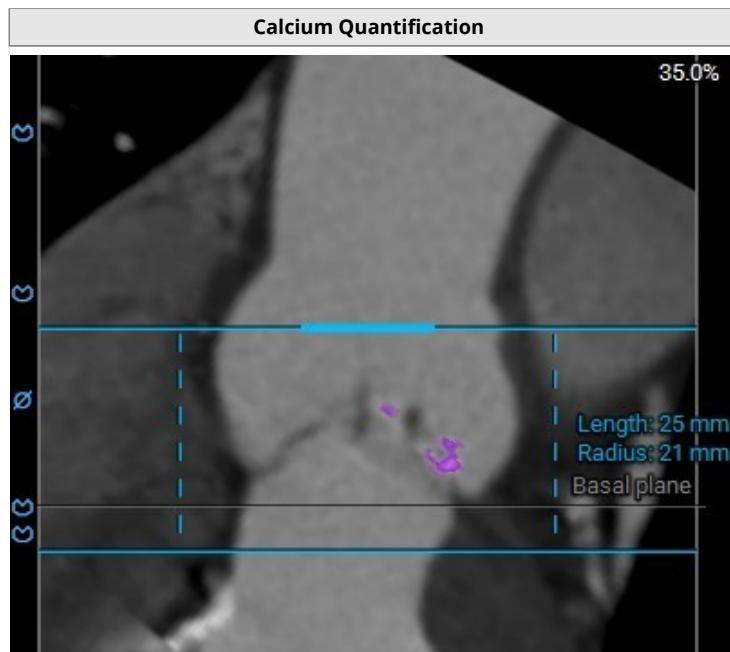
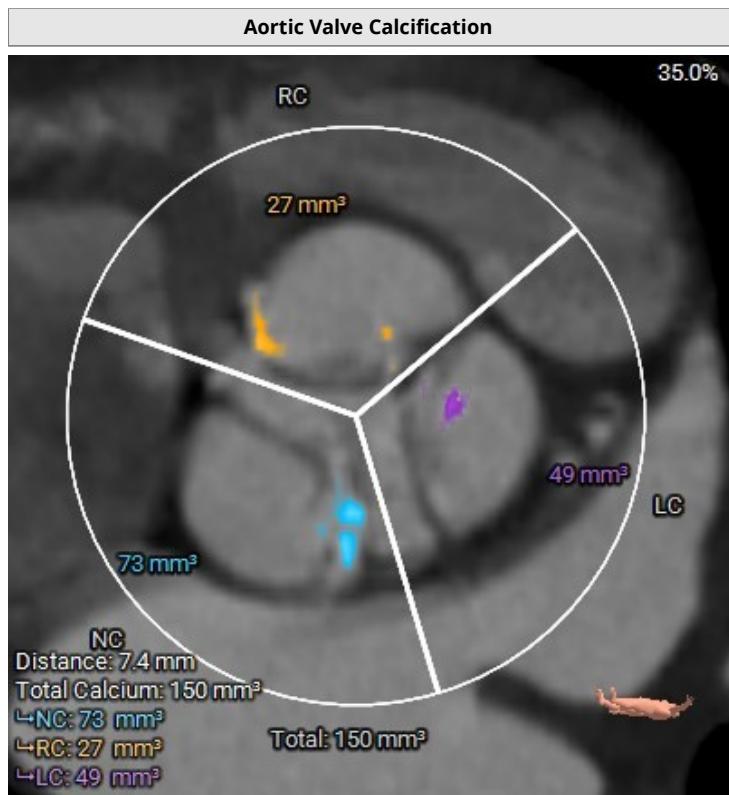
35.0%

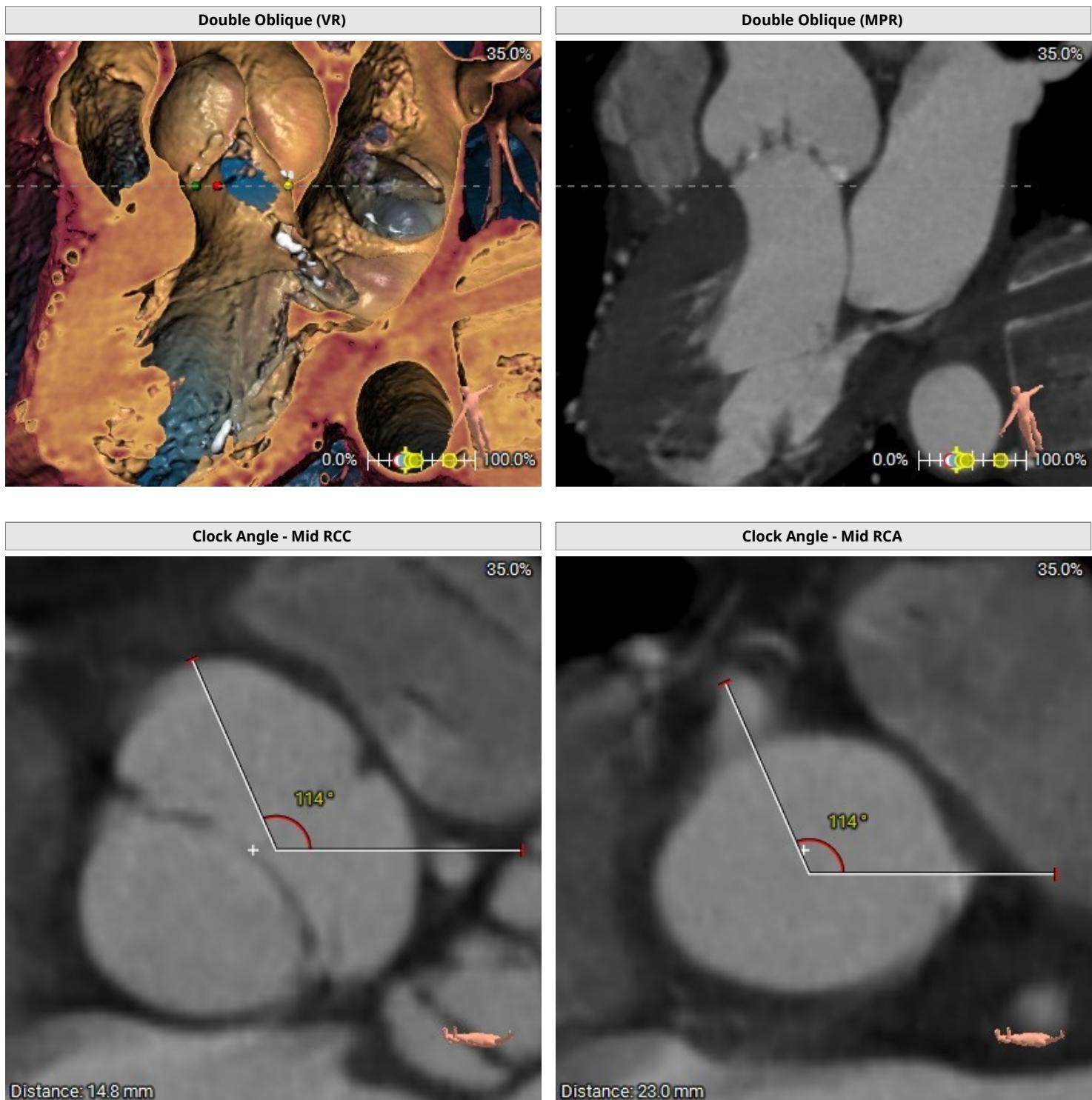
**Aortography Angle****Calcifications**

35.0%

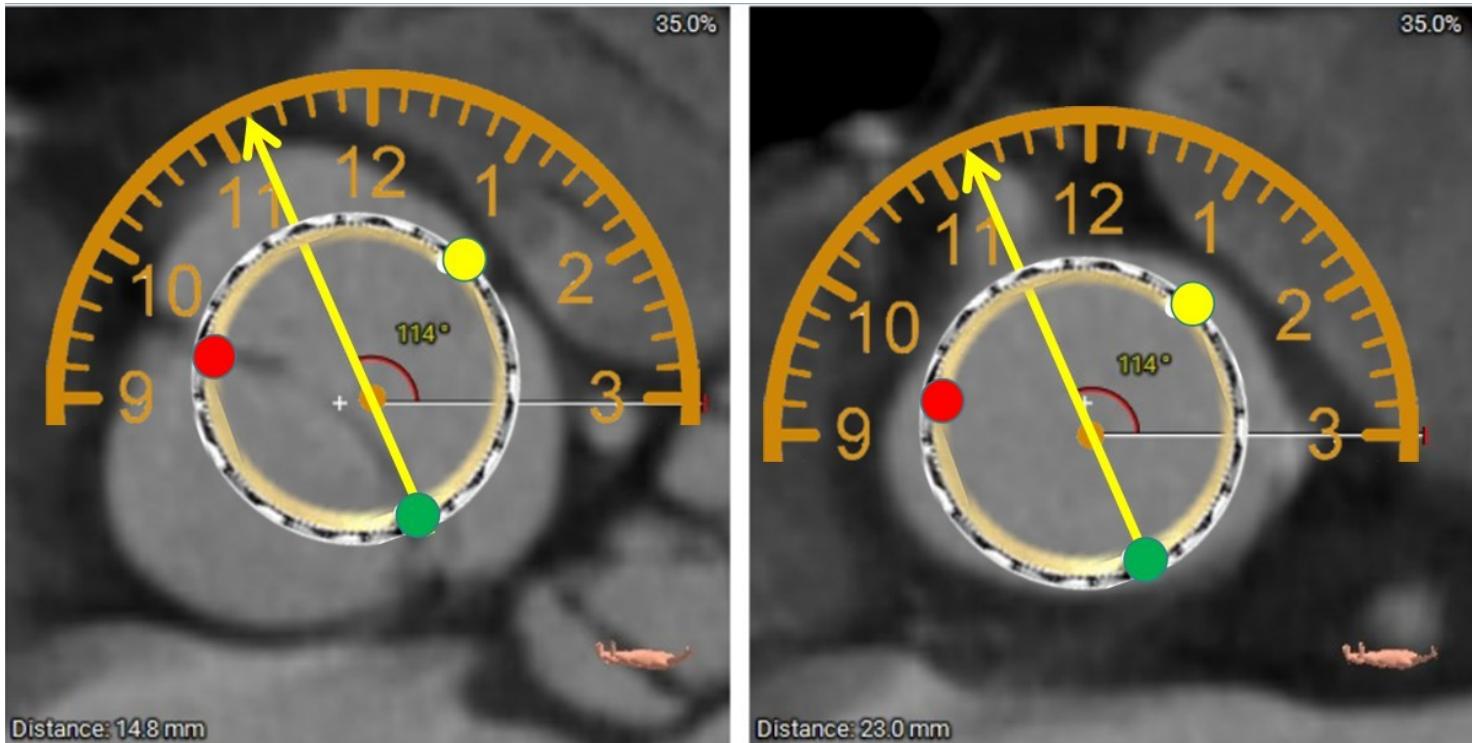
35.0%







Octa Align - Clock Angle

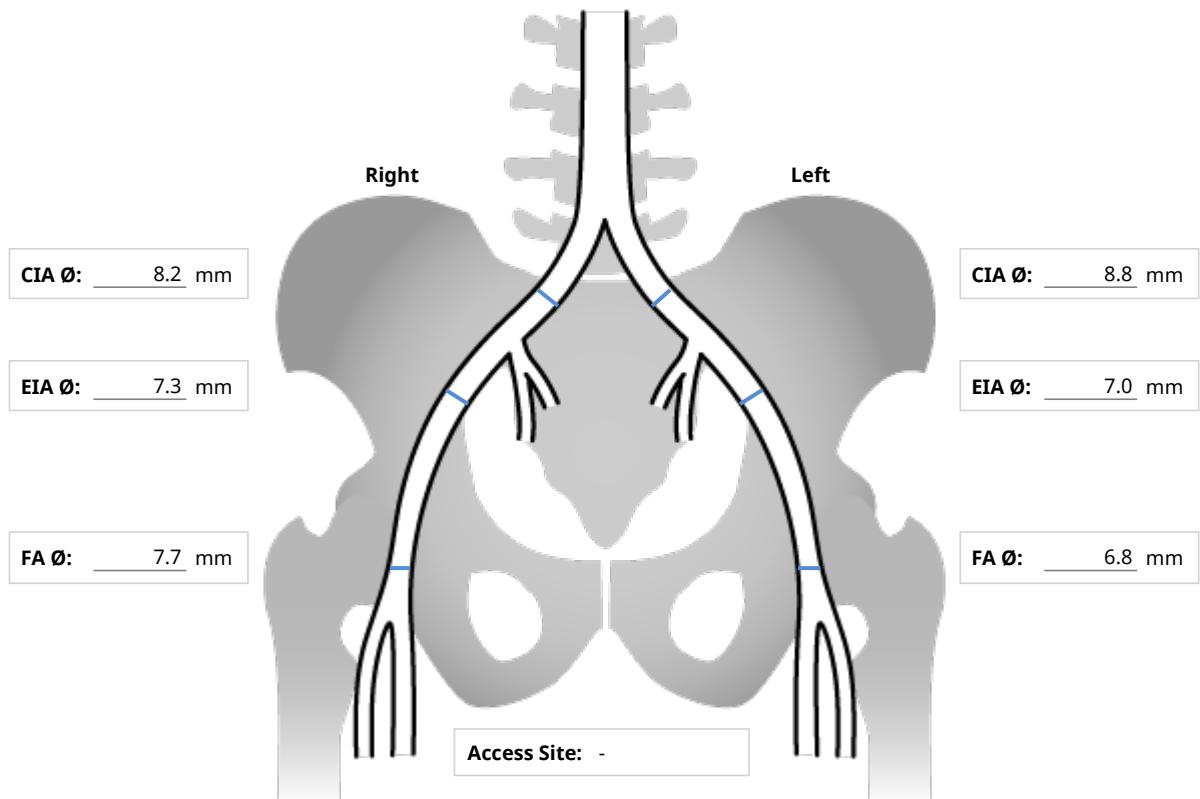


Clock Angle – Mid RCC

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

Calcifications

RAO: 122°
Cranial: 4°

**Calcifications**

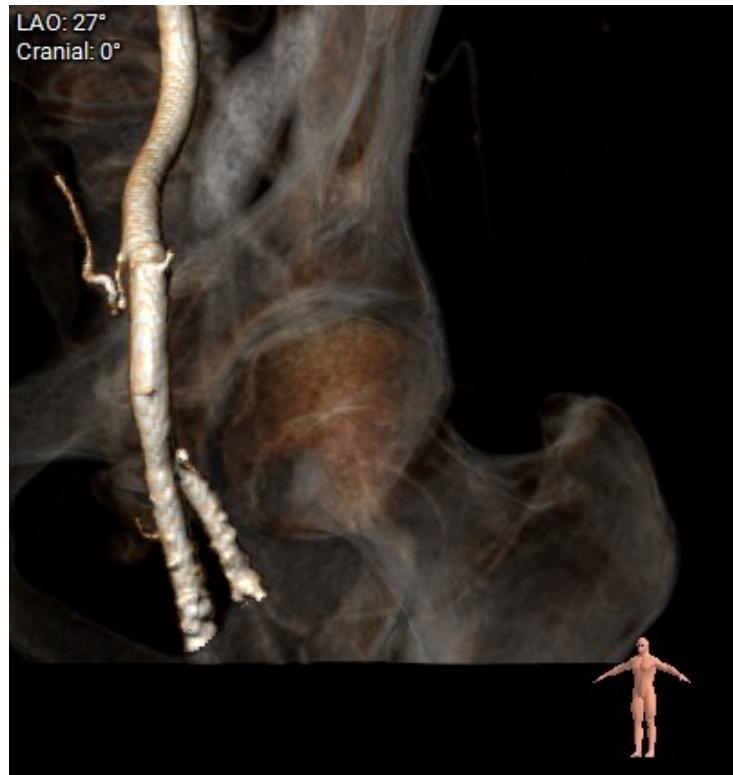
LAO: 68°
Cranial: 3°



Right Femoral Bifurcation



Left Femoral Bifurcation



Femoral Overview

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

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

Ø 8.6 / 8.9 mm

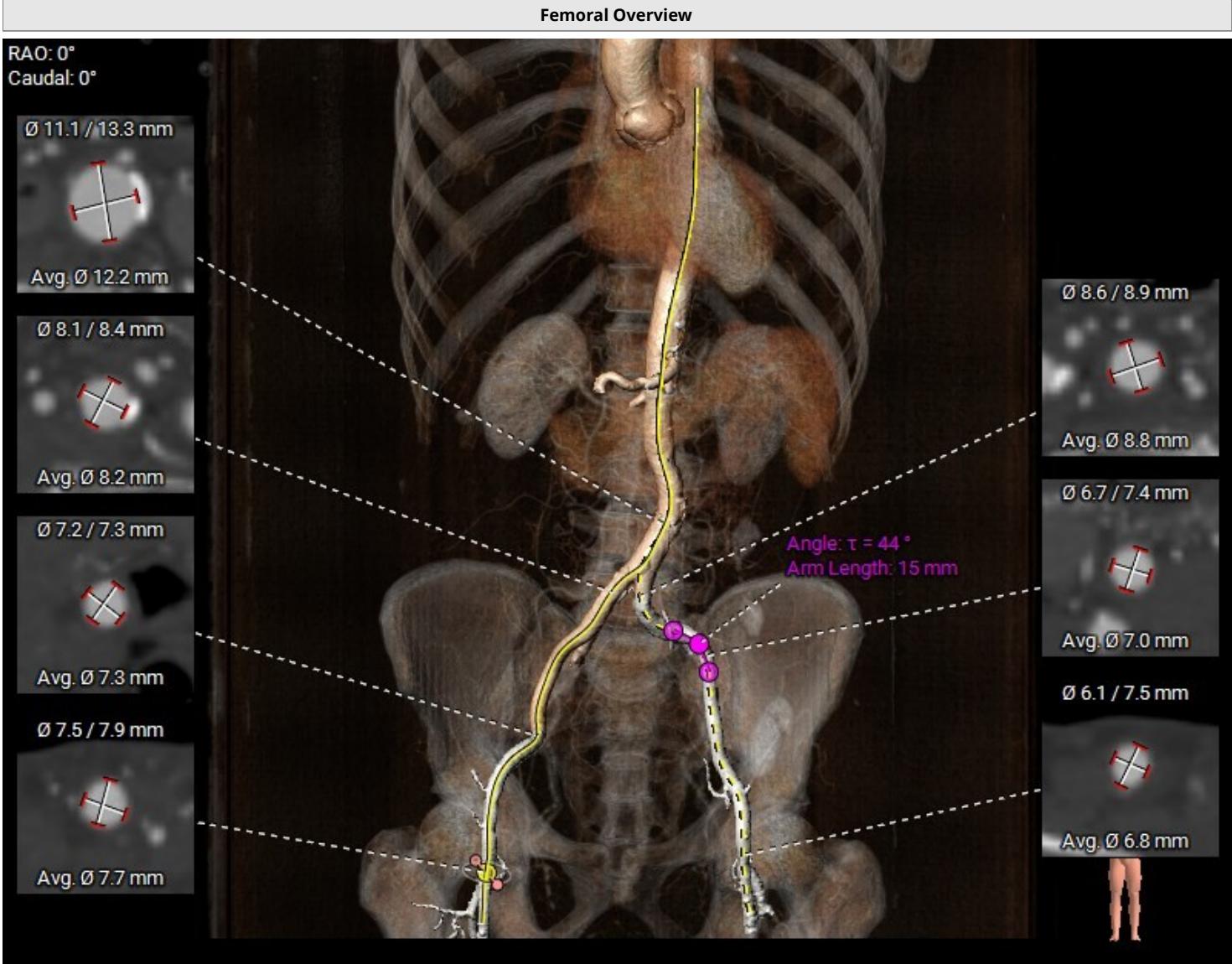
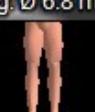
Avg. Ø 8.8 mm

Ø 6.7 / 7.4 mm

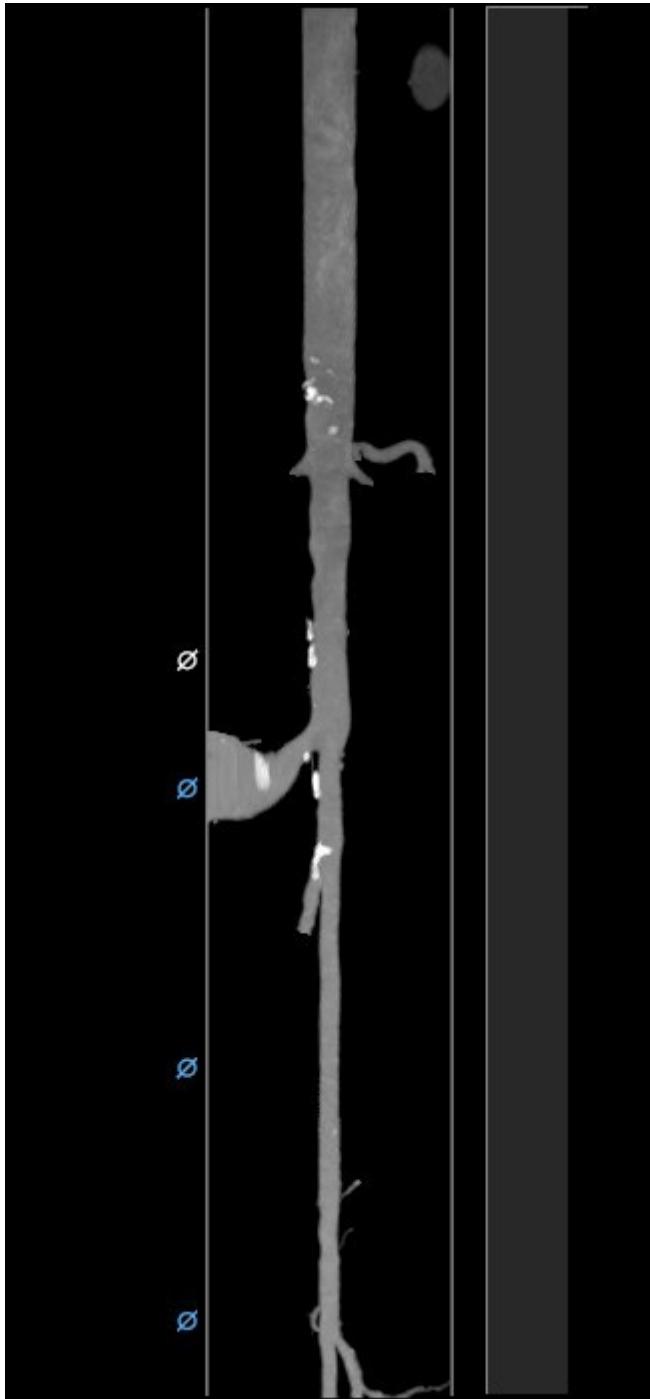
Avg. Ø 7.0 mm

Ø 6.1 / 7.5 mm

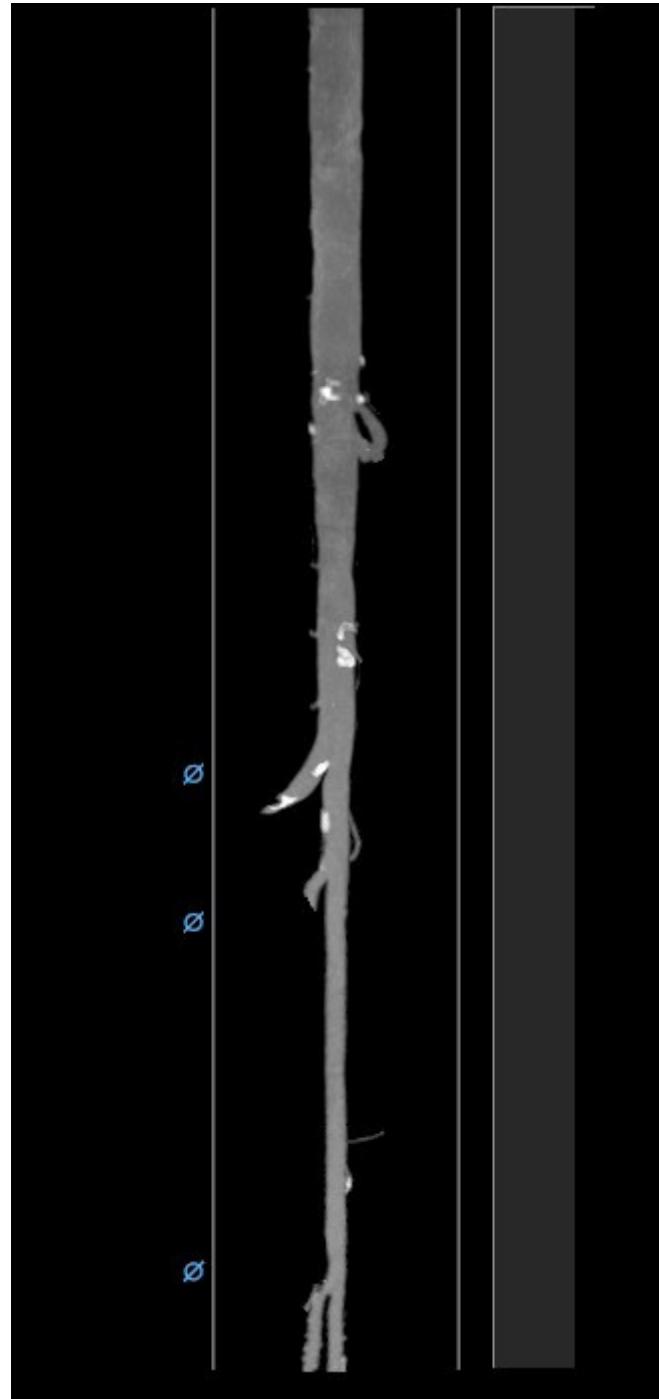
Avg. Ø 6.8 mm



Calcifications - Right Iliac



Calcifications - Left Iliac



Snake View - Right Iliac



Snake View - Left Iliac

