

MRN

9509653

Cleerly ID

583B156C

Study Date 2/3/2025 12:54 PM

Provider

Summary

Atherosclerosis

Stage 3 (660.9 mm³ Total Plaque: 0 mm³ Low-Density - Non-Calcified, 244.5 mm³ Non-Calcified, 416.4 mm³

Calcified)

Stenosis

1 Moderate (pLAD); 3 Mild (pRCA, mRCA, LM); 4 Minimal (pCx, LCx, OM1);

Dominance

Right-Dominant

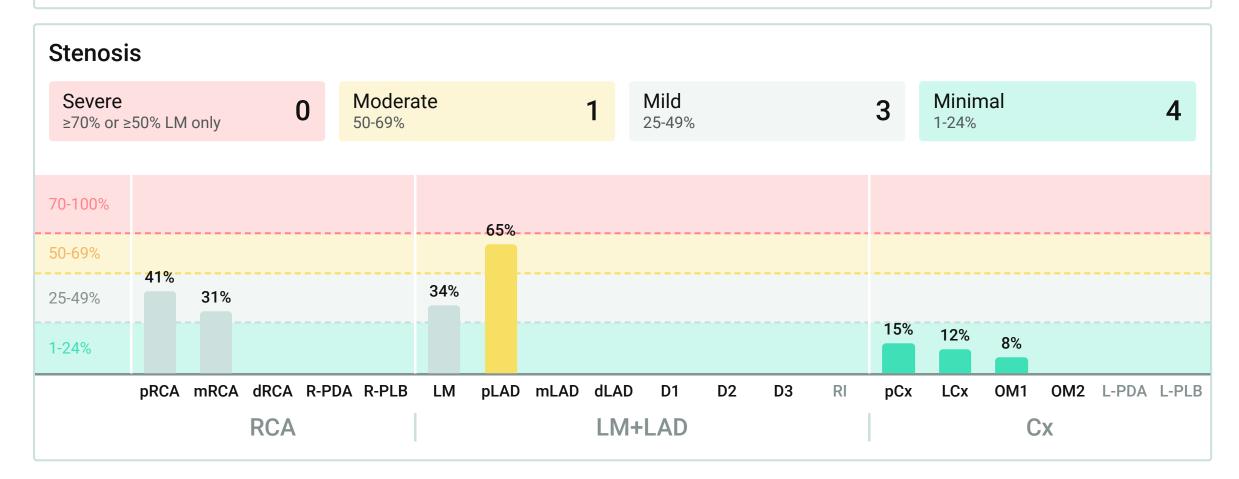
Atherosclerosis | Stage 3

Min JK et al., Coronary CTA plaque volume severity stages according to invasive coronary angiography and FFR

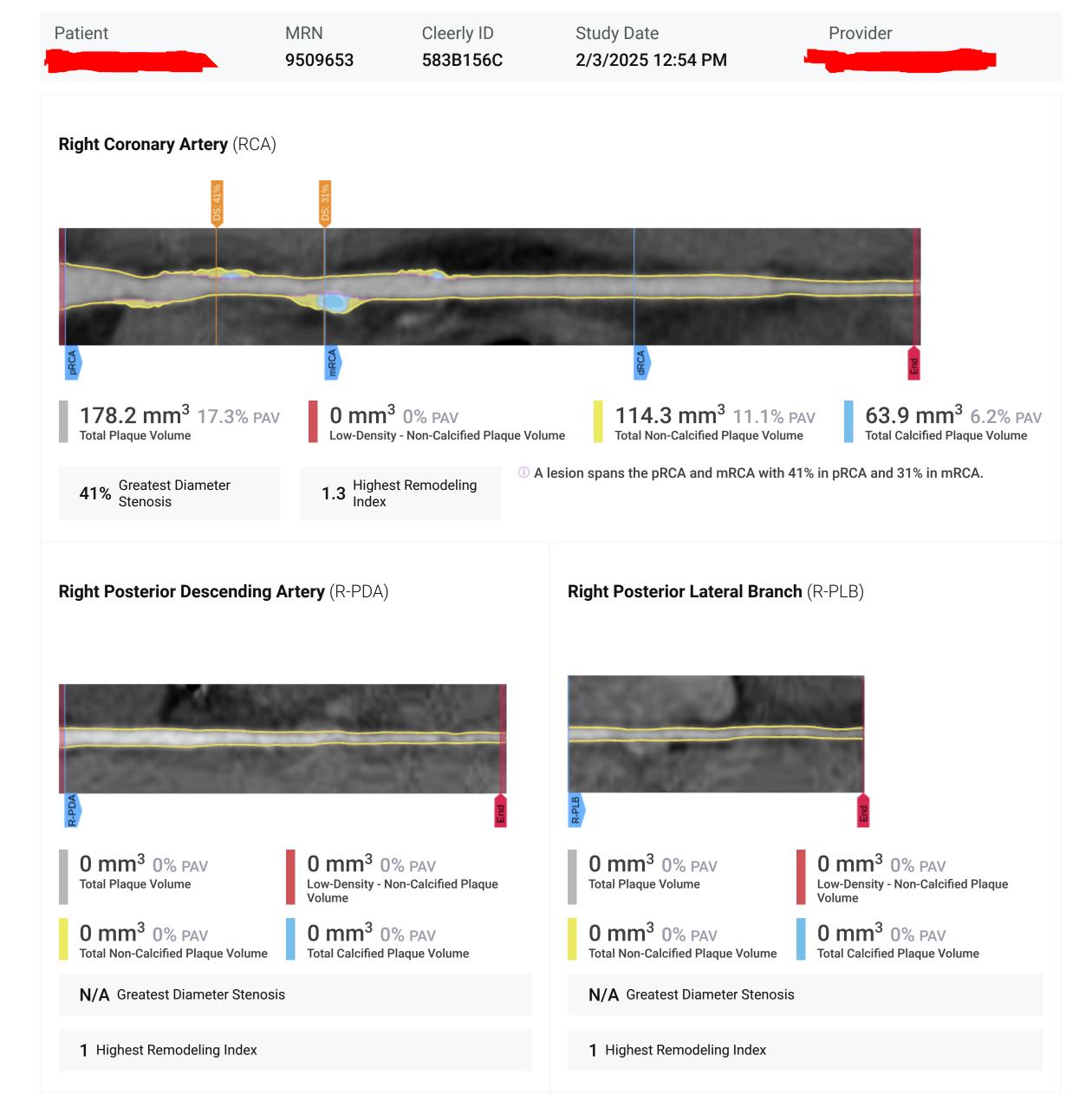
Journal of Cardiovascular Computed Tomography

Territory	Plaque Volume (mm ³)				Percent Atheroma
	TOTAL	Low-Density - Non-Calcified	Non-Calcified	Calcified	Volume
RCA	178.2	0	114.3	63.9	13.5%
LM+LAD	419.9	0	102.2	317.7	30.3%
Сх	62.8	0	28	34.8	8.9%
TOTAL	660.9	0	244.5	416.4	19.4%

Plaque Stage					
Stage	mm ³	PAV			
0	0	0%			
1	>0-250	>0-5%			
2	>250-750	>5-15%			
3	>750	>15%			









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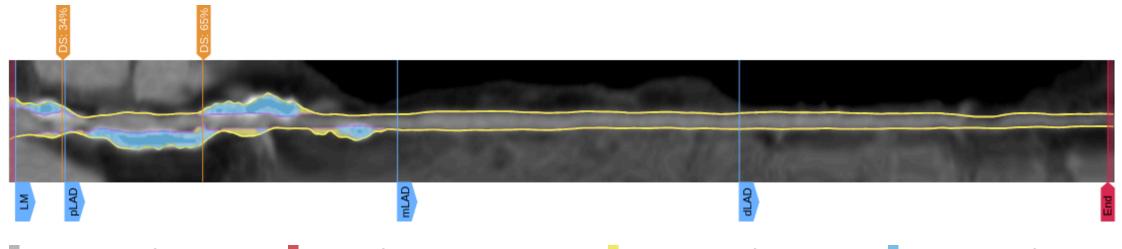
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Left Main and Left Anterior Descending (LM+LAD)



419.9 mm³ 44.2% PAV **Total Plaque Volume**

0 mm³ 0% PAV Low-Density - Non-Calcified Plaque Volume 102.2 mm³ 10.8% PAV **Total Non-Calcified Plaque Volume**

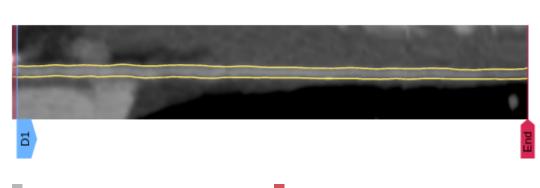
317.7 mm³ 33.4% PAV **Total Calcified Plaque Volume**

65% Greatest Diameter Stenosis

1.3 Highest Remodeling Index

① A lesion spans the LM and pLAD with 34% in LM and 65% in pLAD.

First Diagonal Branch (D1)



0 mm³ 0% PAV **Total Plaque Volume**

0 mm³ 0% PAV Low-Density - Non-Calcified Plaque

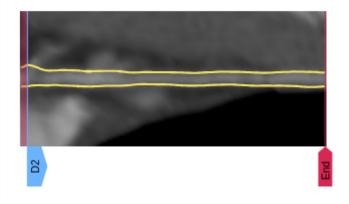
0 mm³ 0% PAV Total Non-Calcified Plague Volume

0 mm³ 0% PAV **Total Calcified Plague Volume**

N/A Greatest Diameter Stenosis

1 Highest Remodeling Index

Second Diagonal Branch (D2)



0 mm³ 0% PAV **Total Plaque Volume**

0 mm³ 0% PAV Low-Density - Non-Calcified Plaque

0 mm³ 0% PAV **Total Non-Calcified Plague Volume** 0 mm³ 0% PAV **Total Calcified Plague Volume**

N/A Greatest Diameter Stenosis

1 Highest Remodeling Index



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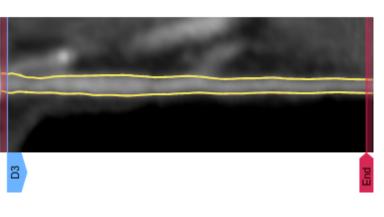
583B156C

Study Date

2/3/2025 12:54 PM



Third Diagonal Branch (D3)



0 mm³ 0% PAV **Total Plaque Volume**

0 mm³ 0% PAV Low-Density - Non-Calcified Plaque Volume

0 mm³ 0% PAV **Total Non-Calcified Plague Volume**

0 mm³ 0% PAV **Total Calcified Plaque Volume**

N/A Greatest Diameter Stenosis

1 Highest Remodeling Index



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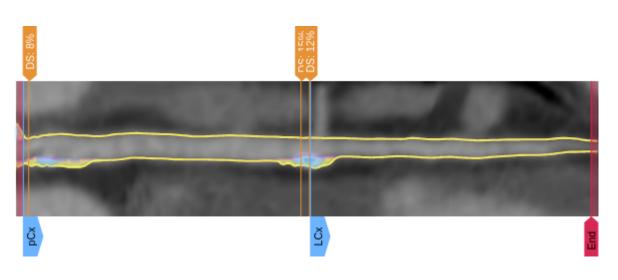
583B156C

Study Date

2/3/2025 12:54 PM



Circumflex (Cx)



54.6 mm³ 14.6% PAV **Total Plaque Volume**

0 mm³ 0% PAV Low-Density - Non-Calcified Plaque Volume 24.7 mm³ 6.6% PAV **Total Non-Calcified Plaque Volume**

Second Obtuse Marginal (OM2)

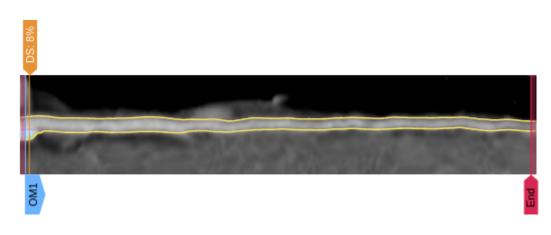
29.9 mm³ 8% PAV **Total Calcified Plaque Volume**

15% Greatest Diameter Stenosis

1.5 Highest Remodeling Index

(1) A lesion spans the pCx, LCx and OM1 with 15% in pCx and 12% in LCx and 8% in

First Obtuse Marginal (OM1)



8.2 mm³ 3.2% PAV **Total Plaque Volume**

0 mm³ 0% PAV Low-Density - Non-Calcified Plaque

3.3 mm³ 1.3% PAV Total Non-Calcified Plague Volume

4.9 mm³ 1.9% PAV **Total Calcified Plaque Volume**

8% Greatest Diameter Stenosis

1.3 Highest Remodeling

Index

① A lesion spans the pCx, LCx and OM1 with 15% in pCx and 12% in LCx and 8% in OM1.

0 mm³ 0% PAV **Total Plaque Volume**

0 mm³ 0% PAV **Total Non-Calcified Plague Volume** 0 mm³ 0% PAV Low-Density - Non-Calcified Plaque

0 mm³ 0% PAV Total Calcified Plague Volume

N/A Greatest Diameter Stenosis

1 Highest Remodeling Index

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Normal Variant

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Left Posterior Descending Artery (L-PDA)

Normal Variant

Normal Variant

Ramus Intermedius (RI)