

Patient	MRN	Cleerly ID	Study Date	Provider
[REDACTED]	9509653	583B156C	2/3/2025 12:54 PM	[REDACTED]

Summary

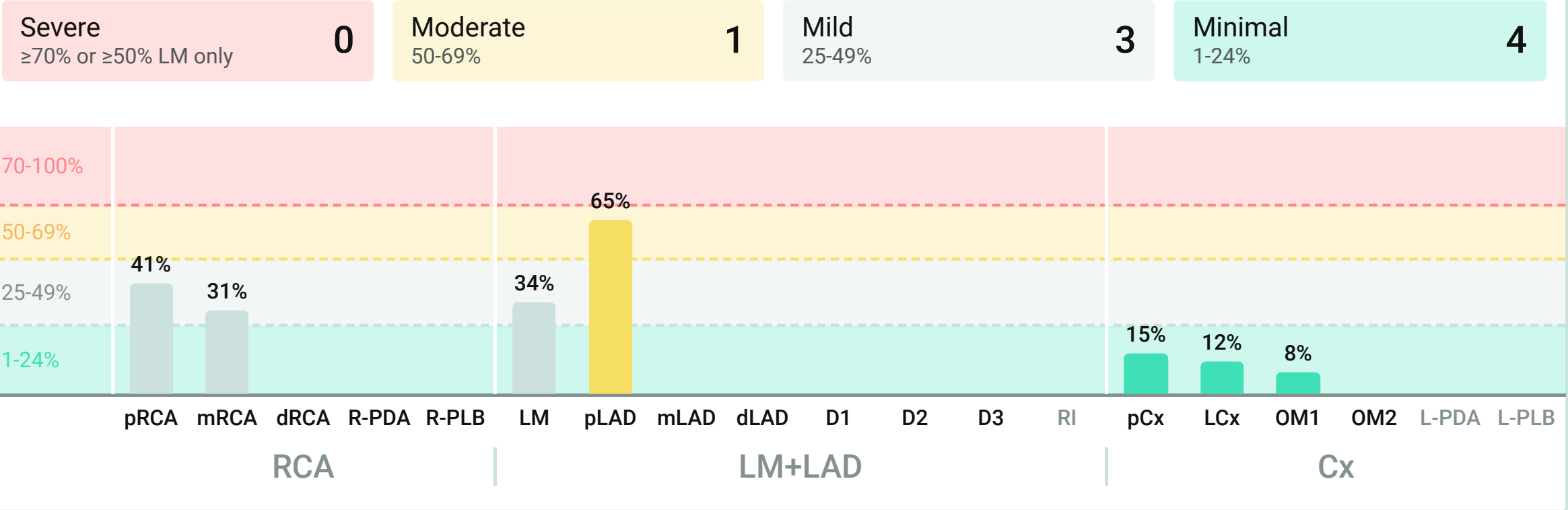
Atherosclerosis	Stage 3 (660.9 mm ³ Total Plaque: 0 mm ³ Low-Density - Non-Calcified, 244.5 mm ³ Non-Calcified, 416.4 mm ³ Calcified)
Stenosis	1 Moderate (pLAD); 3 Mild (pRCA, mRCA, LM); 4 Minimal (pCx, LCx, OM1);
Dominance	Right-Dominant

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](#)

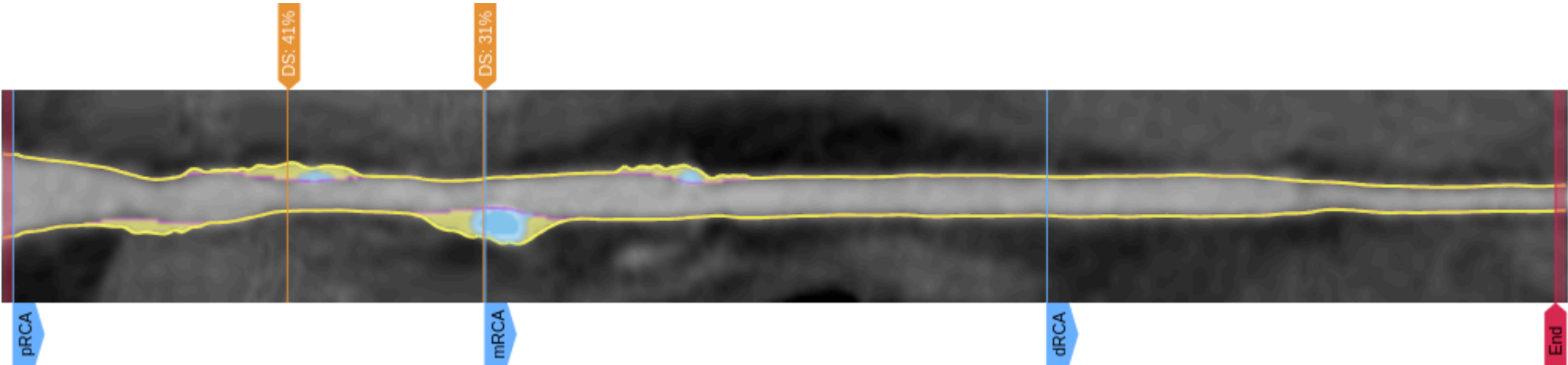
Territory	Plaque Volume (mm ³)				Percent Atheroma Volume	Plaque Stage		
	TOTAL	Low-Density - Non-Calcified	Non-Calcified	Calcified		Stage	mm ³	PAV
RCA	178.2	0	114.3	63.9	13.5%	0	0	0%
LM+LAD	419.9	0	102.2	317.7	30.3%	1	>0-250	>0-5%
Cx	62.8	0	28	34.8	8.9%	2	>250-750	>5-15%
TOTAL	660.9	0	244.5	416.4	19.4%	3	>750	>15%

Stenosis



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Right Coronary Artery (RCA)

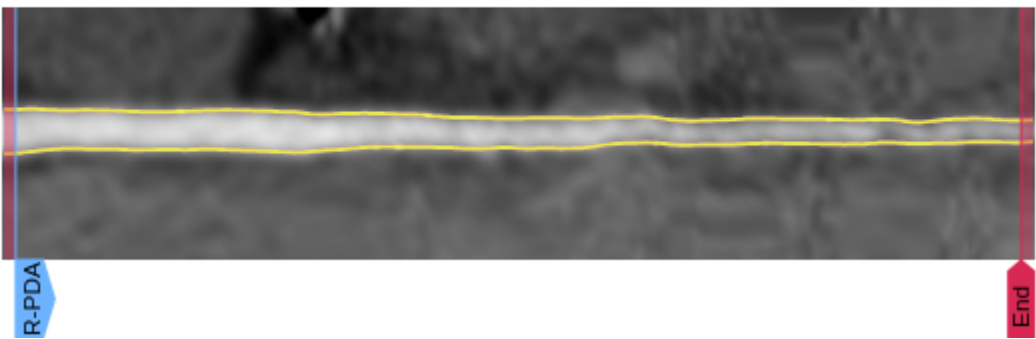


178.2 mm ³ 17.3% PAV Total Plaque Volume	0 mm ³ 0% PAV Low-Density - Non-Calcified Plaque Volume	114.3 mm ³ 11.1% PAV Total Non-Calcified Plaque Volume	63.9 mm ³ 6.2% PAV Total Calcified Plaque Volume
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41% Greatest Diameter Stenosis	1.3 Highest Remodeling Index
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A lesion spans the pRCA and mRCA with 41% in pRCA and 31% in mRCA.

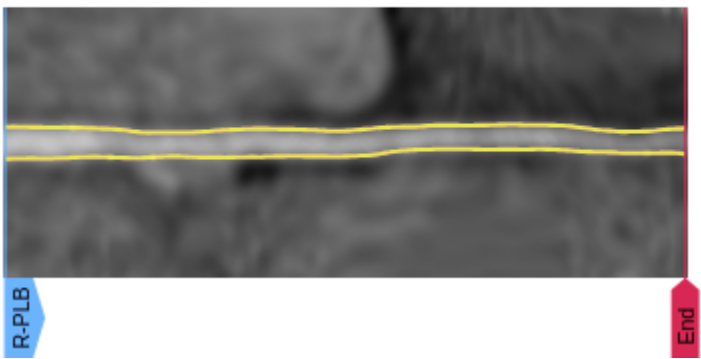
Right Posterior Descending Artery (R-PDA)



0 mm ³ 0% PAV Total Plaque Volume	0 mm ³ 0% PAV Low-Density - Non-Calcified Plaque Volume
0 mm ³ 0% PAV Total Non-Calcified Plaque Volume	0 mm ³ 0% PAV Total Calcified Plaque Volume

N/A Greatest Diameter Stenosis
1 Highest Remodeling Index

Right Posterior Lateral Branch (R-PLB)

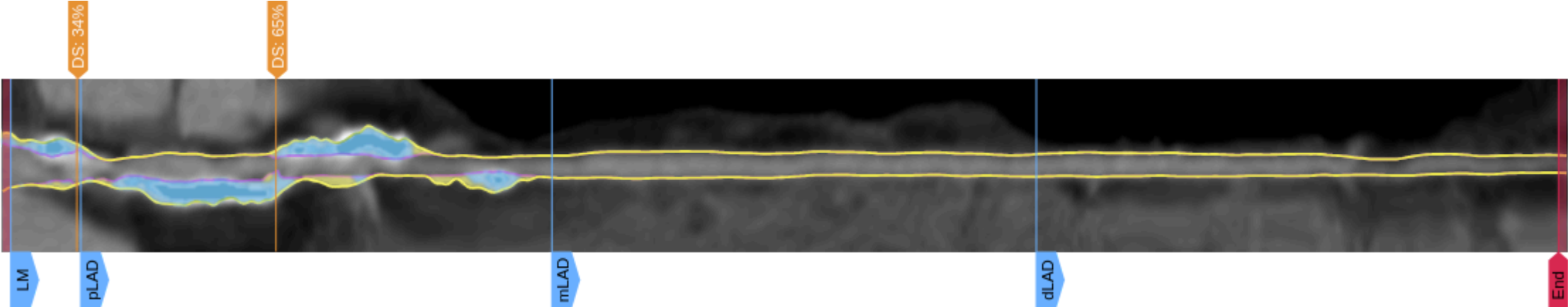


0 mm ³ 0% PAV Total Plaque Volume	0 mm ³ 0% PAV Low-Density - Non-Calcified Plaque Volume
0 mm ³ 0% PAV Total Non-Calcified Plaque Volume	0 mm ³ 0% PAV Total Calcified Plaque Volume

N/A Greatest Diameter Stenosis
1 Highest Remodeling Index

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Left Main and Left Anterior Descending (LM+LAD)

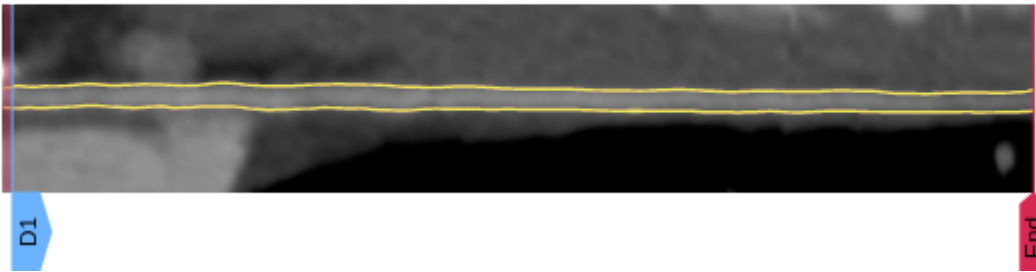


419.9 mm ³ 44.2% PAV Total Plaque Volume	0 mm ³ 0% PAV Low-Density - Non-Calcified Plaque Volume	102.2 mm ³ 10.8% PAV Total Non-Calcified Plaque Volume	317.7 mm ³ 33.4% PAV Total Calcified Plaque Volume
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65% Greatest Diameter Stenosis	1.3 Highest Remodeling Index
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A lesion spans the LM and pLAD with 34% in LM and 65% in pLAD.

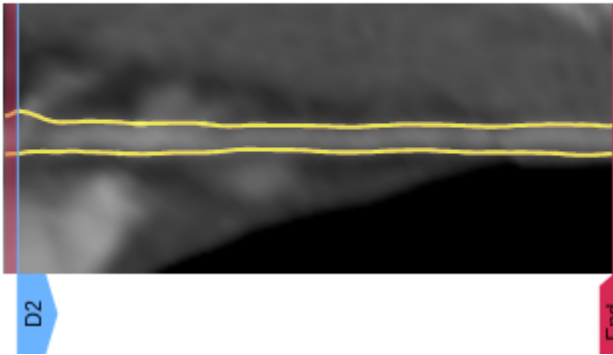
First Diagonal Branch (D1)



0 mm ³ 0% PAV Total Plaque Volume	0 mm ³ 0% PAV Low-Density - Non-Calcified Plaque Volume
0 mm ³ 0% PAV Total Non-Calcified Plaque Volume	0 mm ³ 0% PAV Total Calcified Plaque Volume

N/A Greatest Diameter Stenosis
1 Highest Remodeling Index

Second Diagonal Branch (D2)

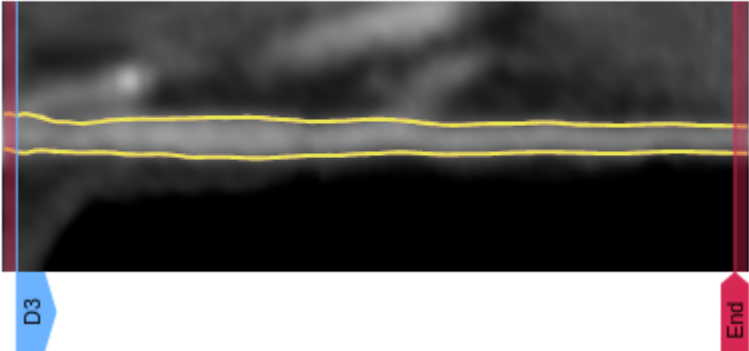


0 mm ³ 0% PAV Total Plaque Volume	0 mm ³ 0% PAV Low-Density - Non-Calcified Plaque Volume
0 mm ³ 0% PAV Total Non-Calcified Plaque Volume	0 mm ³ 0% PAV Total Calcified Plaque Volume

N/A Greatest Diameter Stenosis
1 Highest Remodeling Index

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Third Diagonal Branch (D3)



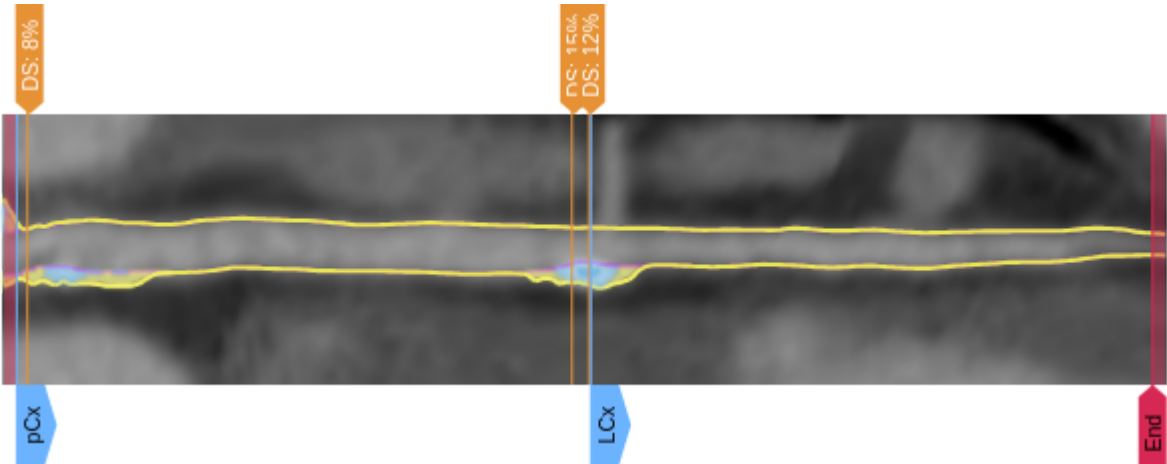
0 mm ³ 0% PAV Total Plaque Volume	0 mm ³ 0% PAV Low-Density - Non-Calcified Plaque Volume
0 mm ³ 0% PAV Total Non-Calcified Plaque Volume	0 mm ³ 0% PAV Total Calcified Plaque Volume

N/A Greatest Diameter Stenosis

1 Highest Remodeling Index

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Circumflex (Cx)

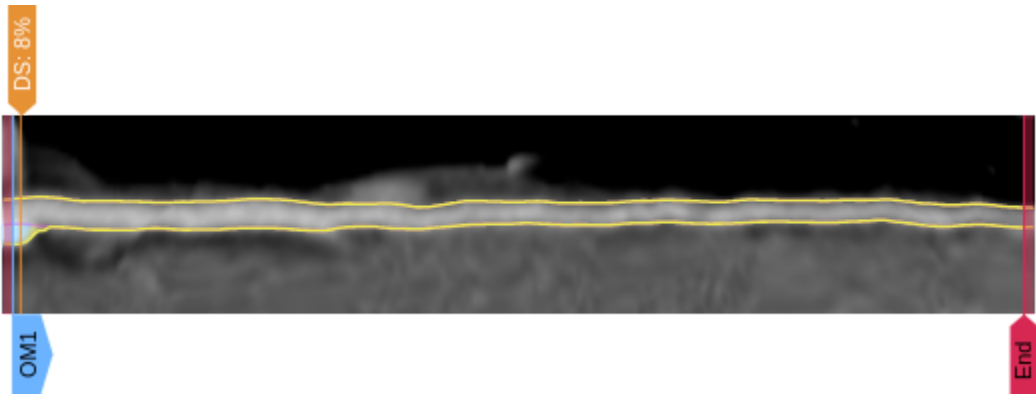


54.6 mm ³ 14.6% PAV Total Plaque Volume	0 mm ³ 0% PAV Low-Density - Non-Calcified Plaque Volume	24.7 mm ³ 6.6% PAV Total Non-Calcified Plaque Volume	29.9 mm ³ 8% PAV Total Calcified Plaque Volume
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15% Greatest Diameter Stenosis	1.5 Highest Remodeling Index
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A lesion spans the pCx, LCx and OM1 with 15% in pCx and 12% in LCx and 8% in OM1.

First Obtuse Marginal (OM1)

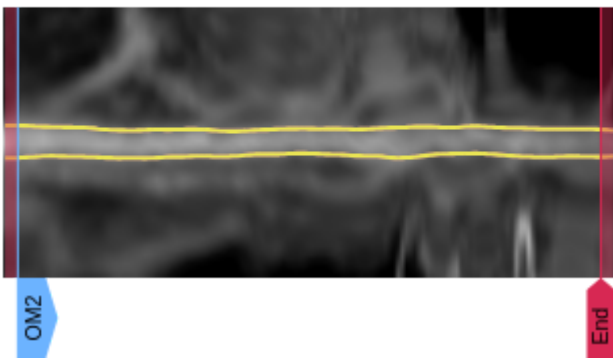


8.2 mm ³ 3.2% PAV Total Plaque Volume	0 mm ³ 0% PAV Low-Density - Non-Calcified Plaque Volume	3.3 mm ³ 1.3% PAV Total Non-Calcified Plaque Volume	4.9 mm ³ 1.9% PAV Total Calcified Plaque Volume
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8% Greatest Diameter Stenosis	1.3 Highest Remodeling Index
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A lesion spans the pCx, LCx and OM1 with 15% in pCx and 12% in LCx and 8% in OM1.

Second Obtuse Marginal (OM2)



0 mm ³ 0% PAV Total Plaque Volume	0 mm ³ 0% PAV Low-Density - Non-Calcified Plaque Volume	0 mm ³ 0% PAV Total Non-Calcified Plaque Volume	0 mm ³ 0% PAV Total Calcified Plaque Volume
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N/A Greatest Diameter Stenosis	1 Highest Remodeling Index
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<div>Left Posterior Descending Artery (L-PDA)</div> <div>Normal Variant</div>	<div>Left Posterior Lateral Branch (L-PLB)</div> <div>Normal Variant</div>
<div>Ramus Intermedius (RI)</div> <div>Normal Variant</div>	