

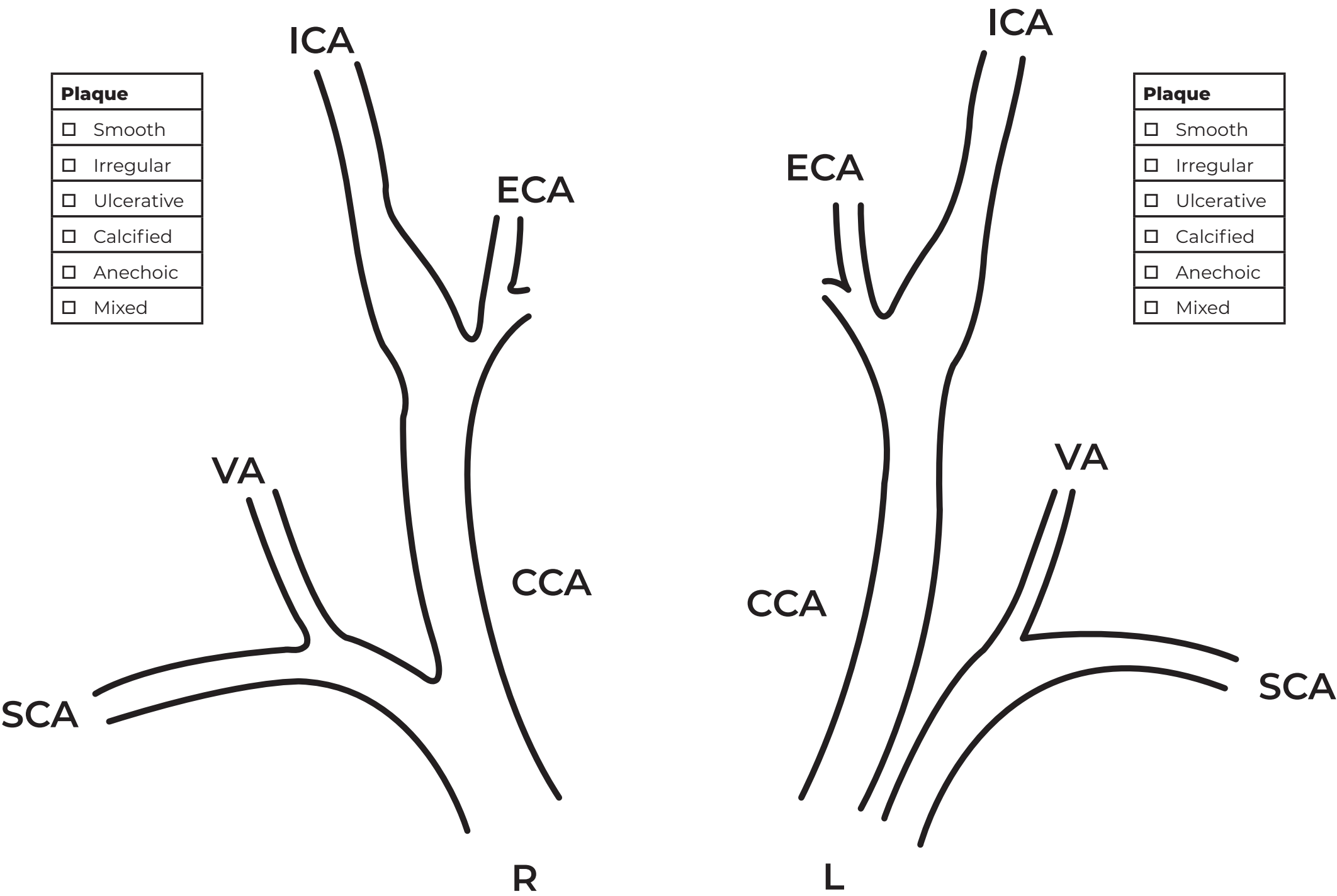
Patient label

Please note these are
provisional comments.
See Radiologist report.



CAROTID DUPLEX ULTRASOUND

Patient history:



Plaque

☐ Smooth

☐ Irregular

☐ Ulcerative

☐ Calcified

☐ Anechoic

☐ Mixed

ICA

ECA

VA

CCA

SCA

L

RIGHT	PSV (cm/s)	EDV (cm/s)
CCA DIST		
ECA		
ICA PROX		
ICA DIST		
VERTEBRAL		
	antegrade / retrograde	
ICA/CCA		

Comments:

LEFT	PSV (cm/s)	EDV (cm/s)
CCA DIST		
ECA		
ICA PROX		
ICA DIST		
VERTEBRAL		
	antegrade / retrograde	
ICA/CCA		

Comments:

Table 1. Guidelines for stenosis grading. Adapted from ASUM.^{1(p4)}

Stenosis Grade	Interpretation	PSV	EDV	ICA/CCA ratio
0 %	Normal waveform and image			
< 50% diameter reduction	PSV and ICA/CCA	< 125cm/s		
50 - 69% diameter reduction	PSV and ICA/CCA or only ICA/CCA	> 125cm/s		> 2
70 – 79% diameter reduction	PSV or EDV or ICA/CCA	> 270cm/s	> 110cm/s	> 4
> 80% diameter reduction	PSV and EDV and ICA/CCA	> 270cm/s	> 140cm/s	> 4
95 – 99% diameter reduction	Criteria for >80% diameter reduction may still apply; velocities can be high or low Correlation with B-Mode and colour appearances mandatory, includes string sign			
Occluded	No flow terminal thump			

1. Australasian Society for Ultrasound in Medicine (ASUM). Duplex Doppler ultrasound extracranial carotid artery disease. 2021 Nov. Available from: <https://www.asum.com.au/files/public/SoP/curver/Vasc/Colour-Duplex-Doppler-Ultrasound-Extracranial-Carotid-Artery-Disease.pdf>

This is a basic worksheet that is intended as a guide to documenting a carotid ultrasound examination.
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