Patient Name:	CAROTID ARTERY DUI	CAROTID ARTERY DUPLEX Exa				
DOB:MRN:		Teo	Technologist:			
listory :						
PSV / EDV	RIGHT	LEFT	PSV / EDV			
/Cm/sec	1 1 1 1 1 1	1 1	/Cm/sec			
/cm/sec			/cm/sec			
/Cm/sec			/Cm/sec			
/cm/sec			/cm/sec			
/cm/sec	/ ' '	\ /	/cm/sec			
/cm/sec	Draw in plaque in proportion to maximum degree of narrowing. Circle highest PSV and EDV values on each side, and connect with a line to corresponding location on the drawing.		/cm/sec			
ICA/CCA RATIO::1_			ICA/CCA RATIO::1_			
Plaque types (circle): none, intimal thickening, soft, calcified, ulcer	Note: Proximal ICA includes bulb **	•	Plaque types (circle): none, intima thickening, soft, calcified, ulcer			
ECA max:/	ECA stenosis (use same criteria as for ICA and record max velocity if > 50%)		ECA max:/			
VERTEBRAL (circle): Antegrade /			VERTEBRAL (circle): Antegrade /			
Bidirectional / Retrograde/occluded			Bidirectional / Retrograde/occluded			
Right B/P:			Left B/P:			
Comments:						

DICUT		Table for Classification of Internal Carotid Artery Stenosis with Duplex Ultrasound						
Tech Impression	Class	Criteria parameters for reporting ICA Stenosis						
	% Stenosis	Visible plaque estimate*	Spectral Analysis	ICA PSV (cm/s)	ICA/CCA Ratio	ICA EDV (cm/s)	Impress	
WNL	Normal	No visible plaque / intimal thickening	WNL	<180	<2.0	<40	WNL	
<50 (mild)	< 50%	Visible plaque &/or intimal thickening	WNL	<180	<2.0	<40	<50	
50-69 (moderate)	50 to 69%	Visible plaque with lumen reduction	Spectral broadening (pan-syst.)	180 - 230	2.0 - 4.0	40-100	50-69	
70-99 (severe)	70 to 99%	Visible plaque with lumen reduction	Abnormal	>230	>4.0	>100	70-99	
OCCL	Occlusion	Visible plaque, no detectable flow	Absent	NA	NA	NA	OCCL	
	Modified criteria to classify In-stent Restenosis in the Stented Carotid Artery							
≥50	≥ 50%	Visible stent within carotid artery	Abnormal	≥ 220	>2.7		≥50	
≥80	≥ 80%	Visible stent within carotid artery	Abnormal	≥ 340	>4.2		≥80	

At least three criteria should be met to support >50% stenosis classification (visible plaque, Spectral Analysis, PSV or Ratio)
At least two criteria must be met to support >70% classification (PSV, Ratio or EDV). Peak velocity alone is non-determinant.
*Use modified criteria to classify stented carotid stenosis. *Document visible plaque with gray-scale and color Doppler imaging.

^{**}Report Bifurcation stenosis as ICA origin using highest PSV/distal CCA (or appropriate CCA) to calculate ratio and declare in comments.

Based on Carotid Artery Stenosis: Gray-Scale and Doppler US Diagnosis- SRU Consensus Conference. Radiology 2003;229:340-346