



Reason Stroke
Outcome Mild disease

Right	Diameter (cm)	PSV (m/s)	EDV (m/s)	Stenosis
Common		0.63		< 30%
Plaque Mixed				
Disease length from BIF				
Bifurcation				< 40%
Plaque Dense Mixed				
Disease length from BIF				
Internal		0.86		< 40%
Plaque Dense Mixed Calcified				
Disease length from BIF		Pk ICA/Pk CCA = 1.4		
External		1.21		< 25%
Plaque Normal				
Disease length from BIF				
Vertebral	Open Orthograde			
Subclavian	No Turbulence	Good signal	Biphasic	Widely Patent

Left	Diameter (cm)	PSV (m/s)	EDV (m/s)	Stenosis
Common		0.61		< 30%
Plaque Intimal Thickening				
Disease length from BIF				
Bifurcation				< 40%
Plaque Dense Mixed				
Disease length from BIF				
Internal		1.05		40% - 49%
Plaque Mixed				
Disease length from BIF		Pk ICA/Pk CCA = 1.7		
External		1.20		< 25%
Plaque Normal				
Disease length from BIF				
Vertebral	Open Orthograde			
Subclavian	No Turbulence	Good signal	Biphasic	Widely Patent

Stenosis based on NASCET velocity criteria.

Joint recommendations for reporting carotid ultrasound investigations in the United Kingdom'. Oates et al. Eur J Vasc Endovasc Surg. 2009 Mar;37(3):251-61

Notes

CAROTID DUPLEX

Mixed, dense and calcified plaques identified in the right internal carotid artery, forming a less than 40%.
Mixed plaques identified in the left internal carotid artery forming a less than 40-49%.

Assessed by Sharifa Kiyegga

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Checked by