



Reason Stroke
Outcome Calcified, Mild disease

Right	Diameter (cm)	PSV (m/s)	EDV (m/s)	Stenosis
Common		1.18		< 30%
Plaque	Intimal Thickening			
Disease length from BIF				
Bifurcation				< 30%
Plaque	Dense Calcified			
Disease length from BIF				
Internal		1.09		40% - 49%
Plaque	Dense Calcified			
Disease length from BIF		Pk ICA/Pk CCA = 0.9		
External		1.83		< 25%
Plaque	Normal			
Disease length from BIF				
Vertebral	Open Orthograde			
Subclavian	No Turbulence	Good signal	Triphasic	Widely Patent

Left	Diameter (cm)	PSV (m/s)	EDV (m/s)	Stenosis
Common		1.00		< 30%
Plaque	Intimal Thickening			
Disease length from BIF				
Bifurcation				< 40%
Plaque	Dense Mixed Calcified			
Disease length from BIF				
Internal		0.81		40% - 49%
Plaque	Dense Mixed			
Disease length from BIF		Pk ICA/Pk CCA = 0.8		
External		1.45		< 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

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

Assessed by Sharifa Kiyegga

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Checked by