



Reason TIA clinic
Outcome Stenosis moderate

Right	Diameter (cm)	PSV (m/s)	EDV (m/s)	Stenosis
Common		0.45	0.08	< 30%
Plaque Intimal Thickening				
Disease length from BIF				
Bifurcation				40% - 49%
Plaque Dense Mixed Calcified				
Disease length from BIF				
Internal		1.71	0.39	60% - 69%
Plaque Mixed				
Disease length from BIF		Pk ICA/Pk CCA = 3.8	Pk ICA/End CCA = 21.4	
External		0.89		< 30%
Plaque Intimal Thickening				
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		0.55		< 30%
Plaque Mixed				
Disease length from BIF				
Bifurcation				< 30%
Plaque Mixed				
Disease length from BIF				
Internal		0.59		< 30%
Plaque Dense				
Disease length from BIF		Pk ICA/Pk CCA = 1.1		
External		0.54		< 25%
Plaque Normal				
Disease length from BIF				
Vertebral	Open Orthograde			
Subclavian	No Turbulence	Good signal	Triphasic	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 plaques identified in the right internal carotid artery, which is mildly tortuous, forming a 60-69% stenosis based on velocities. Disease length measures 1.1cm including the bifurcation. Distal ICA is patent.

Dense plaques identified in the left internal carotid artery, forming a less than 30% stenosis.

Antegrade flow noted in the right and left vertebral arteries.

Assessed by Sharifa Kiyegga

Printed on 17/12/2019 at 2:41 pm

Checked by



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Suggest vascular surgical opinion if appropriate.