



Reason TIA clinic
Outcome Stenosis severe

Right		Diameter (cm)	PSV (m/s)	EDV (m/s)	Stenosis
Common			1.03	0.18	< 30%
Plaque	Mixed				
Disease length from BIF					
Bifurcation					40% - 49%
Plaque	Dense Mixed Calcified				
Disease length from BIF					
Internal			3.05	0.58	70% - 79%
Plaque	Dense Mixed				
Disease length from BIF			Pk ICA/Pk CCA = 3.0	Pk ICA/End CCA = 16.9	
External			3.83		40% - 49%
Plaque	Dense Mixed Calcified				
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			0.83	0.12	< 30%
Plaque	Mixed				
Disease length from BIF					
Bifurcation					40% - 49%
Plaque	Mixed				
Disease length from BIF					
Internal			0.81		< 40%
Plaque	Mixed				
Disease length from BIF			Pk ICA/Pk CCA = 1.0	Pk ICA/End CCA = 6.8	
External			2.90		80% - 89%
Plaque	Dense Calcified				
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 with minimal dense plaques identified in the right internal carotid artery, forming a 70-79% stenosis based on velocities and grey scale imaging. Disease length measures 2.7cm including the bifurcation. Distal ICA is patent.

Mixed plaques identified in the internal carotid artery, forming a less than 40% stenosis.

Antegrade flow noted in the right and left vertebral arteries.

Assessed by Sharifa Kiyegga

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SUGGEST VASCULAR SURGICAL OPINION IF APPROPRIATE .