

Reason TIA
Outcome Stenosis mild, Poor images, patient habitus

Right		Diameter (cm)	PSV (m/s)	EDV (m/s)	Stenosis
Common			0.61		< 30%
Plaque	Mixed				
Disease length from BIF					
Bifurcation					< 30%
Plaque	Mixed				
Disease length from BIF					
Internal			1.09		< 30%
Plaque	Mixed				
Disease length from BIF			Pk ICA/Pk CCA = 1.8		
External			0.71		< 30%
Plaque	Mixed				
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			0.72		< 50%
Plaque	Mixed				
Disease length from BIF					
Bifurcation					< 50%
Plaque	Mixed				
Disease length from BIF					
Internal			1.23		< 50%
Plaque	Dense				
Disease length from BIF			Pk ICA/Pk CCA = 1.7		
External			0.99		< 50%
Plaque	Mixed				
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 ASSESSMENT

*Challenging assessment due to patient bodily habitus/depth of vessels - curved array utilised throughout.

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

Dense plaques identified in the left internal carotid artery, forming a less than 50% stenosis.

Assessed by Rachel Johnson

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Checked by