



Reference

Accession

Patient

NHS No

D.O.B.

Patient Ref

Reason

Stroke

Outcome

Stenosis severe, Occlusion

Right	Diameter (cm)	PSV (m/s)	EDV (m/s)	Stenosis
Common		0.77		< 30%
Plaque	Intimal Thickening			
Disease length from BIF				
Bifurcation				< 50%
Plaque	Dense Mixed Calcified			
Disease length from BIF				
Internal		6.19	2.36	90% - 95%
Plaque	Dense Mixed			
Disease length from BIF	1.40cm			
	Pk ICA/Pk CCA = 8.0			
External		0.65		< 30%
Plaque	Mixed			
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		0.63		< 30%
Plaque	Mixed			
Disease length from BIF				
Bifurcation				< 40%
Plaque	Dense Mixed Calcified			
Disease length from BIF				
Internal				= 100%
Plaque				
Disease length from BIF				
	Pk ICA/Pk CCA = 0.0			
External		0.92		< 30%
Plaque	Mixed			
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 ASSESSMENT**

Mixed and dense plaques identified in the proximal right internal carotid artery, forming a 90-95% stenosis, based on colour-flow and elevated velocities. Disease extends for ~1.4cm, with distal vessel appearing to be patent.

The left internal carotid artery appears occluded with no colour, spectral or power Doppler signal obtained within the vessel lumen.

Assessed by

Lukasz Koprowski

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Checked by



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SUGGEST REFERRAL FOR VASCULAR OPINION, IF APPROPRIATE.