



Patient	NHS No
D.O.B.	Patient Ref

Reason	TIA clinic
Outcome	Occlusion, Obscured, Calcified, Poor images

Right	Diameter (cm)	PSV (m/s)	EDV (m/s)	Stenosis
Common		0.46		< 40%
Plaque	Dense Mixed			
Disease length from BIF				
Bifurcation				< 50%
Plaque	Dense Mixed Calcified			
Disease length from BIF				
Internal				= 100%
Plaque				
Disease length from BIF				
	Pk ICA/Pk CCA = 0.0			
External		3.61		70% - 79%
Plaque	Dense Mixed Calcified			
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		0.47		< 40%
Plaque	Dense Mixed			
Disease length from BIF				
Bifurcation				< 50%
Plaque	Dense Mixed Calcified			
Disease length from BIF				
Internal		1.08		< 40%
Plaque	Dense Mixed Calcified			
Disease length from BIF				
	Pk ICA/Pk CCA = 2.3			
External		0.33		< 50%
Plaque	Dense Mixed Calcified			
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**

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

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

Proximal, left external artery is obscured by acoustic shadowing ?patency. Mid ECA appears patent (less than 50% stenosis).

SUGGEST ALTERNATIVE IMAGING MODALITY AND VASCULAR OPINION, IF DEEMED APPROPRIATE.

Assessed by Lukasz Koprowski

Checked by _____