



Reference

Accession

Patient

NHS No

D.O.B.

Patient Ref

Reason Visual symptom**Outcome** Obscured, Calcified, Poor images, disease - mild

Right	Diameter (cm)	PSV (m/s)	EDV (m/s)	Stenosis
Common		0.62		< 50%
Plaque	Dense Mixed Calcified			
Disease length from BIF				
Bifurcation				< 50%
Plaque	Dense Mixed Calcified			
Disease length from BIF	0.80cm but is obscured			
Internal		0.94		40% - 49%
Plaque	Dense Mixed Calcified			
Disease length from BIF		Pk ICA/Pk CCA = 1.5		
External		1.58		< 40%
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		0.88		< 50%
Plaque	Dense Mixed Calcified			
Disease length from BIF				
Bifurcation				< 50%
Plaque	Dense Mixed Calcified			
Disease length from BIF	0.50cm but is obscured			
Internal		0.95		40% - 49%
Plaque	Dense Mixed Calcified			
Disease length from BIF		Pk ICA/Pk CCA = 1.1		
External		1.73		< 30%
Plaque	Intimal Thickening			
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

Mixed, dense and calcified plaques identified in the right and left bifurcations, as well as, internal carotid arteries. Both bifurcations are obscured by acoustic shadowing for ~0.8cm and ~0.5cm on the right and left, respectively. No elevated velocities detected distal to the obscured sections, finding indicative of no significant disease. Where visualised, the disease appears to be forming a 40-49% stenosis bilaterally, within the proximal internal carotid arteries.

Assessed by Lukasz Koprowski

Printed on 08/06/2019 at 10:52 am

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