



Reference

Accession

Patient

NHS No

D.O.B.

Patient Ref

Reason Visual symptom**Outcome** Stenosis moderate, Calcified, Poor images

Right	Diameter (cm)	PSV (m/s)	EDV (m/s)	Stenosis
Common		0.50		< 40%
Plaque	Dense Mixed			
Disease length from BIF				
Bifurcation				40% - 49%
Plaque	Dense Mixed Calcified			
Disease length from BIF				
Internal		0.60		< 40%
Plaque	Dense Mixed Calcified			
Disease length from BIF				
	Pk ICA/Pk CCA = 1.2			
External		0.92		< 40%
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		0.65		< 50%
Plaque	Dense Mixed Calcified			
Disease length from BIF				
Bifurcation				40% - 49%
Plaque	Dense Mixed Calcified			
Disease length from BIF				
Internal		1.59	0.30	50% - 59%
Plaque	Dense Mixed Calcified			
Disease length from BIF	1.50cm			
	Pk ICA/Pk CCA = 2.4			
External		1.10		< 40%
Plaque	Dense Mixed Calcified			
Disease length from BIF				
Vertebral	Not Identified			
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 SCAN**

Mixed and dense plaques identified in the right internal carotid artery (ICA), forming a less than 40% stenosis.

Mixed dense and calcified plaques identified in the left carotid bifurcation, forming a 40-49% stenosis based on grey scale. Plaques extend into the proximal ICA, forming a 50-59% stenosis based on grey scale images, luminal diameter reduction and velocities obtained. Total disease length in the ICA is approximately 1.5cm. Distal ICA is patent.

SUGGEST REFERRAL FOR VASCULAR OPINION, IF DEEMED APPROPRIATE.

Assessed by Lukasz Koprowski

Printed on 08/06/2019 at 11:02 am

Checked by _____



Reference

Accession

Patient

NHS No

D.O.B.

Patient Ref
