



Patient	NHS No
D.O.B.	Patient Ref

Reason	Routine
Outcome	Stenosis moderate, Calcified, Poor images

Right	Diameter (cm)	PSV (m/s)	EDV (m/s)	Stenosis
Common		0.98		< 40%
Plaque	Dense Mixed Calcified			
Disease length from BIF				
Bifurcation				50% - 59%
Plaque	Dense Mixed Calcified			
Disease length from BIF				
Internal		1.94	0.55	60% - 69%
Plaque	Dense Mixed Calcified			
Disease length from BIF	0.60cm	Pk ICA/Pk CCA = 2.0		
External		1.41		< 40%
Plaque	Dense 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		0.94		< 40%
Plaque	Dense Mixed			
Disease length from BIF				
Bifurcation				< 40%
Plaque	Dense Mixed Calcified			
Disease length from BIF				
Internal		2.10	0.61	50% - 59%
Plaque	Dense Mixed Calcified			
Disease length from BIF	1.20cm	Pk ICA/Pk CCA = 2.2		
External		0.73		< 40%
Plaque	Dense 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 SCAN**

Mixed, dense and calcified plaques identified in the right bifurcation, forming a 50-59% stenosis.

Mixed, dense and calcified plaques identified in the right internal carotid artery, forming a 60-69% stenosis, based on colour-flow and elevated velocities. The length of disease in the ICA is ~0.6cm. ICA is patent distally.

Mixed, dense and calcified plaques identified in the left internal carotid artery, forming a 50-59% stenosis, based on colour-flow and elevated velocities. The length of disease is ~1.2cm. ICA is patent distally.

Assessed by Lukasz Koprowski

Checked by _____