



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
<b>Common</b>		0.62		< 50%
Plaque	Dense Mixed Calcified			
Disease length from BIF				
<b>Bifurcation</b>				< 50%
Plaque	Dense Mixed Calcified			
Disease length from BIF	0.80cm but is obscured			
<b>Internal</b>		0.94		40% - 49%
Plaque	Dense Mixed Calcified			
Disease length from BIF		<b>Pk ICA/Pk CCA = 1.5</b>		
<b>External</b>		1.58		< 40%
Plaque	Dense Mixed Calcified			
Disease length from BIF				
<b>Vertebral</b>	Open Orthograde			
<b>Subclavian</b>	No Turbulence	Good Signal	Triphasic	Widely Patent

Left	Diameter (cm)	PSV (m/s)	EDV (m/s)	Stenosis
<b>Common</b>		0.88		< 50%
Plaque	Dense Mixed Calcified			
Disease length from BIF				
<b>Bifurcation</b>				< 50%
Plaque	Dense Mixed Calcified			
Disease length from BIF	0.50cm but is obscured			
<b>Internal</b>		0.95		40% - 49%
Plaque	Dense Mixed Calcified			
Disease length from BIF		<b>Pk ICA/Pk CCA = 1.1</b>		
<b>External</b>		1.73		< 30%
Plaque	Intimal Thickening			
Disease length from BIF				
<b>Vertebral</b>	Open Orthograde			
<b>Subclavian</b>	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

Checked by                      \_\_\_\_\_