



Patient	NHS No
D.O.B.	Patient Ref

Reason	Stroke
Outcome	Poor images, disease - mild

Right	Diameter (cm)	PSV (m/s)	EDV (m/s)	Stenosis
<b>Common</b>		1.07		< 40%
Plaque	Dense Mixed			
Disease length from BIF				
<b>Bifurcation</b>				< 30%
Plaque	Dense Mixed			
Disease length from BIF				
<b>Internal</b>		1.47	0.40	< 40%
Plaque	Dense Mixed			
Disease length from BIF				
	<b>Pk ICA/Pk CCA = 1.4</b>			
<b>External</b>		0.78		< 40%
Plaque	Dense Mixed			
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>		1.09		< 50%
Plaque	Dense Mixed			
Disease length from BIF				
<b>Bifurcation</b>				< 50%
Plaque	Dense Mixed			
Disease length from BIF				
<b>Internal</b>		1.29	0.28	< 50%
Plaque	Dense Mixed			
Disease length from BIF				
	<b>Pk ICA/Pk CCA = 1.2</b>			
<b>External</b>		1.60		< 40%
Plaque	Dense Mixed			
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 and dense plaques identified in the right internal carotid artery, forming a less than 40% stenosis. The vessel appears to be kinked at the site of the slightly elevated velocities, but no significant disease noted at this time.

Mixed and dense plaques identified in the left internal carotid artery, forming a less than 50% stenosis.

Assessed by      Lukasz Koprowski

Checked by      \_\_\_\_\_