



**Reason** TIA  
**Outcome** Stenosis mild

Right	Diameter (cm)	PSV (m/s)	EDV (m/s)	Stenosis
<b>Common</b> Plaque Dense Mixed Calcified Disease length from BIF		0.41	0.08	< 40%
<b>Bifurcation</b> Plaque Dense Mixed Calcified Disease length from BIF				< 40%
<b>Internal</b> Plaque Calcified Disease length from BIF 0.73cm but is obscured		0.89		< 50%
		<b>Pk ICA/Pk CCA = 2.2</b>	<b>Pk ICA/End CCA = 11.1</b>	
<b>External</b> Plaque Dense Mixed Disease length from BIF		1.28		40% - 49%
<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> Plaque Intimal Thickening Disease length from BIF		0.42	0.07	< 30%
<b>Bifurcation</b> Plaque Dense Calcified Disease length from BIF				< 40%
<b>Internal</b> Plaque Dense Calcified Disease length from BIF		0.45		40% - 49%
		<b>Pk ICA/Pk CCA = 1.1</b>	<b>Pk ICA/End CCA = 6.4</b>	
<b>External</b> Plaque Dense Mixed Calcified Disease length from BIF		0.95		40% - 49%
<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

Dense and calcified plaques identified in the right internal carotid artery (ICA). The proximal ICA is obscured for 0.73cm by calcium shadowing, however no raised velocities obtained distal to the obscured region - suggestive of a less than 50% stenosis.

Mixed, dense and calcified plaques identified in the left internal carotid artery forming a 40-49% stenosis.

Assessed by Sharifa Kiyegga

Printed on 17/12/2019 at 2:48 pm

Checked by