

**Reason** Pre-op  
**Outcome** Stenosis moderate

Right	Diameter (cm)	PSV (m/s)	EDV (m/s)	Stenosis
<b>Common</b> Plaque Dense Mixed Disease length from BIF		0.96		< 40%
<b>Bifurcation</b> Plaque Dense Calcified Disease length from BIF				< 40%
<b>Internal</b> Plaque Dense Disease length from BIF		1.25		< 40%
		<b>Pk ICA/Pk CCA = 1.3</b>		
<b>External</b> Plaque Dense Disease length from BIF		0.89		< 30%
<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 Dense Mixed Disease length from BIF		1.03	0.20	< 40%
<b>Bifurcation</b> Plaque Dense Calcified Disease length from BIF				< 50%
<b>Internal</b> Plaque Dense Calcified Disease length from BIF 1.00cm		1.40	0.24	50% - 59%
		<b>Pk ICA/Pk CCA = 1.4</b>		<b>Pk ICA/End CCA = 7.0</b>
<b>External</b> Plaque Mixed Disease length from BIF		0.49		< 30%
<b>Vertebral</b>	Open Orthograde			
<b>Subclavian</b>	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

Dense plaques identified in the right internal carotid artery, forming a less than 40% stenosis.  
Dense and calcified plaques identified at the origin of the left internal carotid artery, forming a 50-59% stenosis based. Disease extends for ~1cm. Distal to the distal the vessel appears patent.

SUGGEST VASCULAR SURGICAL OPINION, IF APPROPRIATE.

Assessed by Rachel Johnson

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Checked by