

**Carotid Duplex****R Chandrasekar**Examined **17/12/2018 11:10**

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Reference

Accession **CR-18-0065664**Patient **Robert Taylor**
D.O.B. **14/10/1958**NHS No **476 154 1601**
Patient Ref **3065245****Reason** TIA
Outcome Stenosis moderate

Right	Diameter (cm)	PSV (m/s)	EDV (m/s)	Stenosis
Common		0.56	0.14	< 0%
Plaque Dense Mixed				
Disease length from BIF				
Bifurcation				< 40%
Plaque Dense Mixed Calcified				
Disease length from BIF				
Internal		1.52	0.49	50% - 59%
Plaque Dense Calcified				
Disease length from BIF				
		Pk ICA/Pk CCA = 2.7	Pk ICA/End CCA = 10.9	
External		1.17		< 30%
Plaque Intimal Thickening				
Disease length from BIF				
Vertebral				
Subclavian	No Turbulence	Good signal	Biphasic	Widely Patent

Left	Diameter (cm)	PSV (m/s)	EDV (m/s)	Stenosis
Common				< 0%
Plaque				
Disease length from BIF				
Bifurcation				< 0%
Plaque				
Disease length from BIF				
Internal				< 0%
Plaque				
Disease length from BIF				
External				< 0%
Plaque				
Disease length from BIF				
Vertebral				
Subclavian				

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**RIGHT CAROTID DUPLEX SCAN:**

Dense and calcified plaques identified and the right internal carotid artery forming a 50-59% stenosis based on velocities. However appears as a less than 50% stenosis on grey scale imaging. Disease length measures 1.1cm.
Distal ICA is patent.

Antegrade flow noted in the vertebral artery.

Assessed by **Sharifa Kiyegga**

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Checked by _____