

**Carotid Duplex****Ruth Davies**Examined **14/12/2018 15:31**

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Reference

Accession **CR-18-0065463**Patient **Andrew Marriott**NHS No **478 697 5893**D.O.B. **09/05/1962**Patient Ref **3270621****Reason** Stroke**Outcome** Intimal thickening

Right	Diameter (cm)	PSV (m/s)	EDV (m/s)	Stenosis
Common		0.97		< 30%
Plaque	Intimal Thickening			
Disease length from BIF				
Bifurcation				< 30%
Plaque	Dense Mixed			
Disease length from BIF				
Internal		1.07		< 30%
Plaque	Intimal Thickening			
Disease length from BIF				
	Pk ICA/Pk CCA = 1.1			
External		1.22		< 30%
Plaque	Intimal Thickening			
Disease length from BIF				
Vertebral	Open Orthograde			
Subclavian	No Turbulence	Good signal	Triphasic	Widely Patent

Left	Diameter (cm)	PSV (m/s)	EDV (m/s)	Stenosis
Common		0.92		< 30%
Plaque	Intimal Thickening			
Disease length from BIF				
Bifurcation				< 30%
Plaque	Mixed			
Disease length from BIF				
Internal		0.78		< 30%
Plaque	Intimal Thickening			
Disease length from BIF				
	Pk ICA/Pk CCA = 0.8			
External		1.15		< 30%
Plaque	Intimal Thickening			
Disease length from BIF				
Vertebral	Open Orthograde			
Subclavian	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 SCAN:

*Patient scanned on the ward using the portable CX50 scanner.

Mixed and dense plaques identified in the right carotid bifurcation, forming a less than 30% stenosis. Intimal thickening identified in the right internal carotid artery, forming a less than 30% reduction in luminal diameter.

Mixed plaques identified in the left carotid bifurcation, forming a less than 30% stenosis. Intimal thickening identified in the left internal carotid artery, forming a less than 30% reduction in luminal diameter.

Assessed by **Sharifa Kiyegga**

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