

**Carotid Duplex****Brian Menezes**Examined **07/01/2019 14:45**

Page 1 of 1

Reference

Accession **CR-19-0001109****Patient** **Sara Kewley**
D.O.B. **16/06/1942****NHS No** **440 640 3760**
Patient Ref **3163875****Reason** Stroke
Outcome Intimal thickening

Right	Diameter (cm)	PSV (m/s)	EDV (m/s)	Stenosis
Common		0.85		< 30%
Plaque	Intimal Thickening			
Disease length from BIF				
Bifurcation				< 30%
Plaque	Intimal Thickening			
Disease length from BIF				
Internal		0.54		< 30%
Plaque	Intimal Thickening			
Disease length from BIF				
	Pk ICA/Pk CCA = 0.6			
External		1.16		< 30%
Plaque	Intimal Thickening			
Disease length from BIF				
Vertebral	Open Orthograde			
Subclavian	No Turbulence	Good signal	Biphasic	Widely Patent

Left	Diameter (cm)	PSV (m/s)	EDV (m/s)	Stenosis
Common		0.79		< 30%
Plaque	Intimal Thickening			
Disease length from BIF				
Bifurcation				< 30%
Plaque	Intimal Thickening			
Disease length from BIF				
Internal		0.94		< 30%
Plaque	Intimal Thickening			
Disease length from BIF				
	Pk ICA/Pk CCA = 1.2			
External		1.43		< 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:**

*Please note that the left internal and external carotid artery images were labelled incorrectly on PACS - Image labelled left ECA is actually left proximal ICA and vice versa.

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

Intimal thickening identified in the right and left internal carotid arteries, forming a less than 30% reduction in luminal diameter bilaterally.

Assessed by **Sharifa Kiyegga**

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Checked by _____