Carotid Duplex

Nadia Roberts

Examined **13/12/2018 14:13**
Reference
Accession **CR-18-0065333**

Patient	**Patricia Knowles**	NHS No	**440 881 9514**
D.O.B.	**07/10/1945**	Patient Ref	**5243620**

Reason TIA clinic
Outcome Mild disease

Right

		Diameter (cm)	PSV (m/s)	EDV (m/s)	Stenosis
Common			0.52		**< 30%**
Plaque	Mixed				
Disease length from BIF					
Bifurcation					**< 40%**
Plaque	Dense Mixed Calcified				
Disease length from BIF					
Internal			0.55		**< 40%**
Plaque	Mixed				
Disease length from BIF			**Pk ICA/Pk CCA = 1.1**		
External			0.72		**< 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			0.58		**< 30%**
Plaque	Intimal Thickening				
Disease length from BIF					
Bifurcation					**< 30%**
Plaque	Mixed				
Disease length from BIF					
Internal			0.62		**< 30%**
Plaque	Intimal Thickening				
Disease length from BIF			**Pk ICA/Pk CCA = 1.1**		
External			0.75		**< 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

Dense plaques identified in the right internal carotid artery, forming a less than 40% 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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Checked by _____