

**Carotid Duplex**Examined **08/01/2019 15:05**

Page 1 of 1

**Abdusattar Gashut**

Reference

Accession **CR-18-0067606**

Patient **Derek McCulloch**  
D.O.B. **26/11/1941**

NHS No **440 654 3511**  
Patient Ref **5144881**

**Reason** Visual symptom

**Outcome** Mild disease

<b>Right</b>	<b>Diameter (cm)</b>	<b>PSV (m/s)</b>	<b>EDV (m/s)</b>	<b>Stenosis</b>
<b>Common</b>		0.78		<b>&lt; 30%</b>
Plaque	Intimal Thickening			
Disease length from BIF				
<b>Bifurcation</b>				<b>&lt; 30%</b>
Plaque	Dense Mixed Calcified			
Disease length from BIF				
<b>Internal</b>		0.65		<b>&lt; 30%</b>
Plaque	Dense Mixed Calcified			
Disease length from BIF		<b>Pk ICA/Pk CCA = 0.8</b>		
<b>External</b>		1.36		<b>&lt; 30%</b>
Plaque	Intimal Thickening			
Disease length from BIF				
<b>Vertebral</b>	Open Orthograde			
<b>Subclavian</b>	No Turbulence	Good signal	Triphasic	Widely Patent

<b>Left</b>	<b>Diameter (cm)</b>	<b>PSV (m/s)</b>	<b>EDV (m/s)</b>	<b>Stenosis</b>
<b>Common</b>		0.68	0.17	<b>&lt; 30%</b>
Plaque	Mixed			
Disease length from BIF				
<b>Bifurcation</b>				<b>&lt; 30%</b>
Plaque	Mixed			
Disease length from BIF				
<b>Internal</b>		0.77		<b>&lt; 30%</b>
Plaque	Intimal Thickening			
Disease length from BIF		<b>Pk ICA/Pk CCA = 1.1</b>	<b>Pk ICA/End CCA = 4.5</b>	
<b>External</b>		1.17		<b>&lt; 30%</b>
Plaque	Intimal Thickening			
Disease length from BIF				
<b>Vertebral</b>	Open Orthograde			
<b>Subclavian</b>	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:

\*Irregular heart rate noted during this scan.

Mixed, dense and calcified identified in the right internal carotid artery, 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**

Printed on 25/01/2019 at 4:39 pm

Checked by \_\_\_\_\_