

**Carotid Duplex****Brian Menezes**Examined **21/01/2019 13:35**

Page 1 of 2

Reference

Accession **CR-19-0003007**Patient **Peter Groom**NHS No **440 434 1075**D.O.B. **14/11/1935**Patient Ref **3159105****Reason** TIA clinic**Outcome** Stenosis mild, Obscured

<b>Right</b>	<b>Diameter (cm)</b>	<b>PSV (m/s)</b>	<b>EDV (m/s)</b>	<b>Stenosis</b>
<b>Common</b>		0.56		<b>&lt; 30%</b>
Plaque	Intimal Thickening			
Disease length from BIF				
<b>Bifurcation</b>				<b>&lt; 40%</b>
Plaque	Dense Mixed			
Disease length from BIF				
<b>Internal</b>		0.53		<b>&lt; 50%</b>
Plaque	Dense Mixed Calcified			
Disease length from BIF	0.82cm but is obscured	<b>Pk ICA/Pk CCA = 0.9</b>		
<b>External</b>		1.24		<b>&lt; 30%</b>
Plaque	Intimal Thickening			
Disease length from BIF				
<b>Vertebral</b>	Open Orthograde			
<b>Subclavian</b>	No Turbulence	Good signal	Biphasic	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>		0.60		<b>&lt; 40%</b>
Plaque	Dense			
Disease length from BIF				
<b>Bifurcation</b>				<b>&lt; 50%</b>
Plaque	Calcified			
Disease length from BIF	0.76cm but is obscured			
<b>Internal</b>		0.55		<b>&lt; 50%</b>
Plaque	Calcified			
Disease length from BIF	0.76cm but is obscured	<b>Pk ICA/Pk CCA = 0.9</b>		
<b>External</b>		1.78		<b>&lt; 30%</b>
Plaque	Intimal Thickening			
Disease length from BIF				
<b>Vertebral</b>	Open Orthograde			
<b>Subclavian</b>	No Turbulence	Good signal	Biphasic	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:**

\*Sub-optimal views due to vessel calcification.

Mixed, dense and calcified plaques identified in the right internal carotid artery. The proximal ICA is obscure for 0.8cm by acoustic shadowing, however no raised velocities before and after the obscured region are suggestive of a less than 50% stenosis.

Assessed by **Sharifa Kiyegga**

Printed on 25/01/2019 at 4:32 pm

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

**Carotid Duplex****Brian Menezes**Examined **21/01/2019 13:35**

Page 2 of 2

Reference

Accession **CR-19-0003007**

Patient

**Peter Groom**NHS No **440 434 1075**

D.O.B.

**14/11/1935**Patient Ref **3159105**

Calcified plaques identified in the left carotid bifurcation and internal carotid artery. An obscured region, which extends from the distal carotid bifurcation to the proximal ICA noted, measures 0.8cm. No raised velocities noted before and after the obscured region - suggestive of a less than 50% stenosis.