

**Carotid Duplex****Brian Menezes**Examined **14/01/2019 13:27**

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Reference

Accession **CR-19-0001651**Patient **Derek Lacy**NHS No **452 189 1241**D.O.B. **23/10/1949**Patient Ref **3207745****Reason** TIA clinic**Outcome** Intimal thickening

| Right | Diameter (cm) | PSV (m/s) | EDV (m/s) | Stenosis |
|-------------------------|----------------------------|------------------|------------------|-----------------|
| Common | | 0.58 | | < 30% |
| Plaque | Intimal Thickening | | | |
| Disease length from BIF | | | | |
| Bifurcation | | | | < 30% |
| Plaque | Intimal Thickening | | | |
| Disease length from BIF | | | | |
| Internal | | 0.64 | | < 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 |

| Left | Diameter (cm) | PSV (m/s) | EDV (m/s) | Stenosis |
|-------------------------|----------------------------|------------------|------------------|-----------------|
| Common | | 0.48 | | < 30% |
| Plaque | Intimal Thickening | | | |
| Disease length from BIF | | | | |
| Bifurcation | | | | < 30% |
| Plaque | Mixed | | | |
| Disease length from BIF | | | | |
| Internal | | 0.47 | | < 30% |
| Plaque | Intimal Thickening | | | |
| Disease length from BIF | | | | |
| | Pk ICA/Pk CCA = 1.0 | | | |
| External | | 0.83 | | < 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:

*Intermittent irregular heart rate noted during this scan.

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 _____