

**Reason** TIA  
**Outcome** disease - mild

| Right                   |                 | Diameter (cm) | PSV (m/s)                  | EDV (m/s) | Stenosis      |
|-------------------------|-----------------|---------------|----------------------------|-----------|---------------|
| <b>Common</b>           |                 |               | 0.70                       |           | < 30%         |
| Plaque                  | Mixed           |               |                            |           |               |
| Disease length from BIF |                 |               |                            |           |               |
| <b>Bifurcation</b>      |                 |               |                            |           | < 40%         |
| Plaque                  | Dense           |               |                            |           |               |
| Disease length from BIF |                 |               |                            |           |               |
| <b>Internal</b>         |                 |               | 0.66                       |           | < 30%         |
| Plaque                  | Mixed           |               |                            |           |               |
| Disease length from BIF |                 |               | <b>Pk ICA/Pk CCA = 0.9</b> |           |               |
| <b>External</b>         |                 |               | 0.74                       |           | < 25%         |
| Plaque                  | Normal          |               |                            |           |               |
| Disease length from BIF |                 |               |                            |           |               |
| <b>Vertebral</b>        | Open Orthograde |               |                            |           |               |
| <b>Subclavian</b>       | No Turbulence   |               | Good Signal                | Biphasic  | Widely Patent |

| Left                    |                 | Diameter (cm) | PSV (m/s)                  | EDV (m/s) | Stenosis      |
|-------------------------|-----------------|---------------|----------------------------|-----------|---------------|
| <b>Common</b>           |                 |               | 0.82                       |           | < 25%         |
| Plaque                  | Normal          |               |                            |           |               |
| Disease length from BIF |                 |               |                            |           |               |
| <b>Bifurcation</b>      |                 |               |                            |           | < 30%         |
| Plaque                  | Dense           |               |                            |           |               |
| Disease length from BIF |                 |               |                            |           |               |
| <b>Internal</b>         |                 |               | 0.68                       |           | < 25%         |
| Plaque                  | Normal          |               |                            |           |               |
| Disease length from BIF |                 |               | <b>Pk ICA/Pk CCA = 0.8</b> |           |               |
| <b>External</b>         |                 |               | 0.69                       |           | < 25%         |
| Plaque                  | Normal          |               |                            |           |               |
| 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 ASSESSMENT**

Mixed plaques identified in the right internal carotid artery, forming a less than 30% stenosis. The left internal carotid artery appears widely patent. No evidence of any plaque morphology, intimal dissection or other abnormality identified.

Assessed by Rachel Johnson

Printed on 18/06/2019 at 9:40 am

Checked by