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| --- | --- | --- | --- | --- |
| Patient: |  | | | |
| Date of Birth: | Age: 66 | | | |
| District Number: |  | Ward/Dept: | |  |
| Date of Scan: | Friday, 31 July 2020 | | | |
| Referring Doctor: |  | | | |
| Indications: | TIA symptoms on 25/5 (slurred speech and facial droop). | | | |
|  |
| **Carotid Artery Duplex** | | | | |
| 78  74  93  69  PSV = 46, EDV = 16  PSV = 71, EDV = 21  Arterial velocities in cm/s | | | | |
| Plaque Type: | Homogenous Heterogenous Calcific Smooth Surface Irregular Surface | | | | |
|  | Right | | Left | | |
| Vessel Geometry: | Dilated ICA bulb | | Normal | | |
| Vertebral Arteries: | Antegrade | | Antegrade | | |
| ICA % Stenosis: | See comments | | 0 % | | |
| ICA/CCA Ratio: | 0.6 | | 1.0 | | |
| ECA % Stenosis: | 0 % | | 0 % | | |
|  |  | | | | |
| Comments: | Right: The proximal 1.5cm length of the ICA is dilated, measuring 1.4cm in diameter. This section also has the visual appearance of an approximate 50% reduction in lumen diameter. However given the larger overall diameter this is not associated with increased PSV or EDV velocities in the ICA as per the NASCET criteria.  Normal subclavian flow. No thickening of the intima-media layer. | | | | |
|  | Left: The left ICA is normal in calibre, measuring 1.1cm in diameter proximally. Normal subclavian flow. No thickening of the intima-media layer. | | | | |
| Scanned by: | Robert James - Clinical Vascular Scientist | | | | |