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| --- | --- | --- | --- | --- |
| Patient: |  | | | |
| Date of Birth: | Age: 57 | | | |
| District Number: |  | Ward/Dept: | |  |
| Date of Scan: | Friday, 31 July 2020 | | | |
| Referring Doctor: |  | | | |
| Indications: | 57 yo. Had episode of expressive dysphasia lasting < 10 minutes on 5th July. Anterior circulation TIA. Normally fit and well. ? Carotid emboli. | | | |
|  |
| **Carotid Artery Duplex** | | | | |
| ?O  70  74  86  111  PSV = 68, EDV = 19  PSV = 74, EDV = 21  Arterial velocities in cm/s | | | | |
| Plaque Type: | Homogenous Heterogenous Calcific Smooth Surface Irregular Surface | | | | |
|  | Right | | Left | | |
| Vessel Geometry: | Normal | | Normal | | |
| Vertebral Arteries: | Antegrade | | Retrograde (see comments) | | |
| ICA % Stenosis: | <30 % | | <30 % | | |
| ICA/CCA Ratio: | 1.0 | | 0.7 | | |
| ECA % Stenosis: | <30 % | | <30 % | | |
|  |  | | | | |
| Comments: | Right: Normal subclavian flow. No thickening of the intima-media layer. | | | | |
|  | Left: High resistance and low velocity retrograde flow seen in the vertebral artery with no flow seen proximally, indicating proximal vertebral artery occlusion. Normal subclavian flow. No thickening of the intima-media layer. | | | | |
| Scanned by: | Robert James - Clinical Vascular Scientist | | | | |