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| --- | --- | --- | --- | --- |
| Patient: |  | | | |
| Date of Birth: | Age: 64 | | | |
| District Number: |  | Ward/Dept: | |  |
| Date of Scan: | Friday, 31 July 2020 | | | |
| Referring Doctor: |  | | | |
| Indications: | R UL Weakness – TIA. H/O antiphospholipid antibody syndrome. | | | |
|  |
| **Carotid Artery Duplex** | | | | |
| Occluded  84  55  132  148  PSV = 113, EDV = 34  Arterial velocities in cm/s | | | | |
| Plaque Type: | Homogenous Heterogenous Calcific Smooth Surface Irregular Surface | | | | |
|  | Right | | Left | | |
| Vessel Geometry: | Normal | | Normal | | |
| Vertebral Arteries: | Antegrade | | Antegrade | | |
| ICA % Stenosis: | <50 % | | Occluded | | |
| ICA/CCA Ratio: | 1.3 | | - | | |
| ECA % Stenosis: | <50 % | | 50-74 % | | |
|  |  | | | | |
| Comments: | Right: Elevated and turbulent velocities in the Subclavian artery, and turbulent waveforms seen in the brachiocephalic artery ?proximal Brachiocephalic artery stenosis. No thickening of the intima-media layer. | | | | |
|  | Left: Elevated and turbulent velocities in the Subclavian artery ?proximal stenosis. Mild diffuse atheroma throughout the CCA. High velocities in the left vertebral artery (PSV: 244 cm/s, EDV: 62cm/s) indicating a 75-99% stenosis. | | | | |
| Scanned by: | Robert James - Clinical Vascular Scientist | | | | |