|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Patient: |  | | | |
| Date of Birth: |  | | | |
| District Number: |  |  | |  |
| Date of Scan: |  | | | |
| Referring Doctor: |  | | | |
| Indications: | 4 weeks ago had sudden onset left hand numbness with apraxia, slurred speech and word finding difficulties, also left facial droop, on and off but lasted up to 45mins in total, known HTN and coarctation of aorta repair, to look for acute stoke event, significant carotid disease and pAF | | | |
|  |
| **Carotid Artery Duplex** | | | | |
| 67  89  153  146  PSV = 84, EDV = 25  PSV = 88, EDV = 28  Arterial velocities in cm/s | | | | |
| Plaque Type: | Homogenous Heterogenous Calcific Smooth Surface Irregular Surface | | | | |
|  | Right | | Left | | |
| Vessel Geometry: | Normal | | Normal | | |
| Vertebral Arteries: | Antegrade | | Retrograde | | |
| ICA % Stenosis: | 0 % | | 0 % | | |
| ICA/CCA Ratio: | 1.25 | | 0.99 | | |
| ECA % Stenosis: | 0 % | | 0 % | | |
| Comments: | No significant stenosis or haemodynamic changes detected bilaterally in Carotid Arteries. | | | | |
|  | There is retrograde flow detected in the left vertebral artery. The origin of the L subclavian artery not visualized, appears chronically occluded. Monophasic waveforms noted in the L Subclavian, Axillary, and Brachial Arteries.  R BP = 164mmHg with triphasic waveforms; L BP = 118mmHg with monophasic waveforms.  L Subclavian steal positive. | | | | |
| Scanned by: | Alwin Yeung – Clinical Vascular Scientist | | | | |