|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Patient: |  | | | |
| Date of Birth: |  | | | |
| District Number: |  |  | |  |
| Date of Scan: |  | | | |
| Referring Doctor: |  | | | |
| Indications: | Patient presented on 18/9/21 with left sided weakness and speech difficulties. Speech difficulties are continuing and being managed as a left sided PACI. On examination noted to have bilateral carotid bruits and as such urgent dopplers being requested to assess if further management would be required | | | |
|  |
| **Carotid Artery Duplex** | | | | |
| 67  67  407  80  PSV = 23, EDV = 10  PSV = 63, EDV = 19  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: | <30 % | | <30 % | | |
| ICA/CCA Ratio: | 0.34 | | 0.94 | | |
| ECA % Stenosis: | >75 % | | 0 % | | |
|  |  | | | | |
| Comments: | Right: There is a 1.1cm in length of smooth calcific plaque, unable to visualize flow at this segment due to ultrasound limitations, however, no jet flow distal to this suggestive of no significant stenosis. ECA significant stenosis at origin. IMT = 13mm. | | | | |
|  | Left: There is a 1.2cm in length of smooth calcific plaque in the proximal ICA/bulb, this does not cause a significant stenosis, however causes a 61% diameter reduction at this level. | | | | |
| Scanned by: | Alwin Yeung – Clinical Vascular Scientist | | | | |