|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Patient: |  | | | |
| Date of Birth: |  | | | |
| District Number: |  |  | |  |
| Date of Scan: |  | | | |
| Referring Doctor: |  | | | |
| Indications: | stroke patient.  CT Angiogram shows soft plaque with floating thrombus.  Decreased calibre (diminished flow) of the left MCA. | | | |
|  |
| **Carotid Artery Duplex** | | | | |
| 86  95  90  106  PSV = 87, EDV = 22  PSV = 51, EDV = 19  Arterial velocities in cm/s | | | | |
| Plaque Type: | Homogenous Heterogenous Calcific Smooth Surface Irregular Surface | | | | |
|  | Right | | Left | | |
| Vessel Geometry: | High bifurcation & mildly Tortuous | | High bifurcation & mildly Tortuous | | |
| Vertebral Arteries: | Antegrade | | Antegrade | | |
| ICA % Stenosis: | 0 % | | 0 % | | |
| ICA/CCA Ratio: | 1.01 | | 0.53 | | |
| ECA % Stenosis: | 0 % | | 0 % | | |
|  |  | | | | |
| Comments: | No significant stenosis or haemodynamic changes detected bilaterally in Carotid and Vertebral Arteries. Normal Study.  No filling deficit or free floating thrombus detected bilaterally. | | | | |
|  |  | | | | |
| Scanned by: | Alwin Yeung – Clinical Vascular Scientist | | | | |