|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Patient: |  | | | |
| Date of Birth: |  | | | |
| District Number: |  |  | |  |
| Date of Scan: |  | | | |
| Referring Doctor: |  | | | |
| Indications: | 53-yr old neurosurgical nurse referred by GP following three episodes of painless unilateral loss of vision of unknown cause, high risk with h/o T1Dm, HTN, asthma and strong family history of increased mortality from cerebro-cardiovascular diseases of vascular origin. | | | |
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| **Carotid Artery Duplex** | | | | |
| 110  83  103  106  PSV = 86, EDV = 24  PSV = 68, EDV = 27  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: | 0 % | | 0 % | | |
| ICA/CCA Ratio: | 0.78 | | 0.82 | | |
| ECA % Stenosis: | 0 % | | 0 % | | |
|  |  | | | | |
| Comments: | 0.2cm focal smooth calcific plaque noted in L ICA origin, does not cause significant stenosis or hemodynamic changes.  No significant stenosis or haemodynamic changes detected bilaterally in Carotid and Vertebral Arteries. Normal Study. | | | | |
|  |  | | | | |
| Scanned by: | Alwin Yeung – Clinical Vascular Scientist | | | | |