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| Indications: | 52 yr old female, who is a known migraine disorder presented with left sided weakness x 4 days. MRI has confirmed that she has a multi-territorial infarcts in both the cerebral hemispheres. An urgent carotid doppler is necessary to determine if there is carotid stenosis/clots.  Thank you, | | | |
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| **Carotid Artery Duplex** | | | | |
| 108  98  144  137  PSV = 93, EDV = 29  PSV = 114, EDV = 33  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: | 0.86 | | 1.16 | | |
| ECA % Stenosis: | 0 % | | 0 % | | |
|  |  | | | | |
| Comments: | No significant stenosis or haemodynamic changes detected bilaterally in Carotid and Vertebral Arteries. Normal Study. | | | | |
|  |  | | | | |
| Scanned by: | Alwin Yeung – Clinical Vascular Scientist | | | | |