

Vascular Department
Floor 1, Hull Royal Infirmary
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CAROTID DUPLEX REPORT : 01/06/2023

TO :

RE :

Tested By : [REDACTED]

Test Date : 01/07/2016

Indication : Non-hemispheric

Right
Hemispheric Symptoms : Non-hemispheric

Common Carotid : 20% - 50%

External Carotid : Normal
Internal Carotid : 80%

Vertebral : Antegrade

ICA PSV (cm/sec) : 629

ICA PEDV (cm/sec) : 228

Plaque : II

Left

Non-hemispheric
20% - 50%

Normal
80%

Antegrade

553

220

II

Comments : No hemispheric symptoms bil. There is calcified plaque in CCA's bil & prox ICA's bil have 80%+ stenoses with some mixed/softer plaque. Both ICA's are widely patent distally.

Tested By : MR JASON MAPANO

Test Date : 01/06/2023

Requested Date : 01/06/2023

Indication : CVA

Right
Hemispheric Symptoms : CVA

Common Carotid : 20% - 50%

External Carotid : Moderate
Internal Carotid : 90%

Vertebral : Antegrade

ICA PSV (cm/sec) : 666

ICA PEDV (cm/sec) : 173

CCA PEDV (cm/sec) : 16

Plaque : V

Left

CVA
20% - 50%

Moderate
90%

Antegrade

820

238

12

V

Comments : Bilateral lacunar embolic infarcts.

Right carotid duplex scan

Increase PSV >600 cm/sec (>90% stenosis but less than near occlusion) in the ICA.

Distal to the stenosis shows patent vessel.

Moderate to severe stenosis (>50% stenosis) in the ECA with PSV of 255 cm/sec.
Moderate stenosis in the CCA with normal PSV and waveform.

Left carotid duplex scan

Increase PSV >800 cm/sec (>90% stenosis but less than near occlusion) in the ICA.

There is a drop out (6.6 mm) in the proximal segment of the ICA due to severe calcification of the anterior wall of the vessel.

Distal to the stenosis shows patent vessel.

Moderate to severe stenosis (>50% stenosis) in the ECA with PSV of 247 cm/sec.

Moderate stenosis in the CCA with normal PSV and waveform.

Normal antegrade flow in the right vertebral artery.

Antegrade flow in the left vertebral artery but with increase of velocity (150 cm/sec).

Note:

Inpatient

