



Reason Pre-op
Outcome Stenosis severe

| Right | Diameter (cm) | PSV (m/s) | EDV (m/s) | Stenosis |
|-------------------------|---------------------|-------------|-----------|---------------|
| Common | | 1.08 | | < 30% |
| Plaque | Mixed | | | |
| Disease length from BIF | | | | |
| Bifurcation | | | | 70% - 79% |
| Plaque | Mixed Soft | | | |
| Disease length from BIF | | | | |
| Internal | | 1.05 | | < 40% |
| Plaque | Mixed Soft | | | |
| Disease length from BIF | | | | |
| | Pk ICA/Pk CCA = 1.0 | | | |
| External | | 1.08 | | < 30% |
| Plaque | Mixed | | | |
| Disease length from BIF | | | | |
| Vertebral | Open Orthograde | | | |
| Subclavian | No Turbulence | Good Signal | Triphasic | Widely Patent |

| Left | Diameter (cm) | PSV (m/s) | EDV (m/s) | Stenosis |
|-------------------------|---------------------|-------------|-----------|---------------|
| Common | | 1.14 | | < 30% |
| Plaque | Intimal Thickening | | | |
| Disease length from BIF | | | | |
| Bifurcation | | | | < 50% |
| Plaque | Mixed | | | |
| Disease length from BIF | | | | |
| Internal | | 0.87 | | < 30% |
| Plaque | Mixed | | | |
| Disease length from BIF | | | | |
| | Pk ICA/Pk CCA = 0.8 | | | |
| External | | 0.96 | | < 30% |
| Plaque | Mixed | | | |
| Disease length from BIF | | | | |
| Vertebral | Open Orthograde | | | |
| Subclavian | No Turbulence | Good Signal | Triphasic | Widely Patent |

Stenosis based on NASCET methods.

Disease within large diameter carotid bulb is measured using direct diameter methods as recommended in Oates et al (2009).

Notes**RIGHT:**

Mixed and echolucent (?soft) plaques identified in the right carotid bifurcation, forming a 70 - 79% stenosis, based on greyscale imaging. Disease length is ~1.6cm and extends into the ICA.

Mixed and echolucent (?soft) plaques identified in the right internal carotid artery, forming a less than 40% stenosis.

LEFT:

Mixed plaques identified in the left internal carotid artery, forming a less than 30% stenosis.

Assessed by Ranit Shail, MCVS

Printed on 24/07/2024 at 4:00 pm

Checked by

Please note, this is a technical report to be interpreted by a medical professional. If you are a patient reading the report and require further help, please discuss the report with the person who referred you for the examination.



Carotid Duplex

D Rose

Examined **15/07/2024 13:00**

Reference

Accession **04769384**

Page 2 of 2

SUGGEST URGENT VASCULAR REVIEW

Assessed by **Ranit Shail, MCVS**

Printed on 24/07/2024 at 4:00 pm

Checked by _____

Please note, this is a technical report to be interpreted by a medical professional. If you are a patient reading the report and require further help, please discuss the report with the person who referred you for the examination.