

## Carotid Ultrasound Report

|                     |                           |                        |                          |
|---------------------|---------------------------|------------------------|--------------------------|
| <b>MRN:</b>         | 123456                    | <b>EXAM DATE:</b>      | 05/29/2022               |
| <b>Name:</b>        | Demo Patient              | <b>Ordering Phys:</b>  | Bipul Roy, M.D.          |
| <b>DOB:</b>         | 05/05/1943                | <b>Reading Phys:</b>   | Juan Pablo Cordova, M.D. |
| <b>Sex:</b>         | M                         | <b>Referring Phys:</b> | Dr. Demo                 |
| <b>Tech:</b>        | Tiki Strickland, RVS, RCS |                        |                          |
| <b>Quality:</b>     | Technically Adequate      |                        |                          |
| <b>Indications:</b> | Dizziness                 |                        |                          |

## Measurements

### RIGHT CAROTID ARTERY

| PSV                        | EDV       | Spectral<br>broad'ing | Color<br>Turbulence |
|----------------------------|-----------|-----------------------|---------------------|
| <b>CCA mid/prox</b>        |           |                       |                     |
| 99.0 cm/s                  | 23.0 cm/s | NO                    | NO                  |
| <b>CCA dist</b>            |           |                       |                     |
| 78.0 cm/s                  | 18.0 cm/s | NO                    | NO                  |
| <b>ECA prox</b>            |           |                       |                     |
| 100.0 cm/s                 | 21.0 cm/s | NO                    | NO                  |
| <b>ICA prox</b>            |           |                       |                     |
| 120.0 cm/s                 | 22.0 cm/s | NO                    | NO                  |
| <b>ICA mid</b>             |           |                       |                     |
| 115.0 cm/s                 | 23.0 cm/s | NO                    | NO                  |
| <b>ICA dist</b>            |           |                       |                     |
| 107.0 cm/s                 | 24.0 cm/s | NO                    | NO                  |
| <i>Rt. Vertebral</i>       |           |                       |                     |
| <b>RT ICA/CCA PS RATIO</b> |           | 1.6 no units          |                     |

Normal flow noted in Right CCA

### LEFT CAROTID ARTERY

| PSV                        | EDV       | Spectral<br>broad'ing | Color<br>Turbulence |
|----------------------------|-----------|-----------------------|---------------------|
| <b>CCA mid/prox</b>        |           |                       |                     |
| 94.0 cm/s                  | 21.0 cm/s | NO                    | NO                  |
| <b>CCA dist</b>            |           |                       |                     |
| 81.0 cm/s                  | 23.0 cm/s | NO                    | NO                  |
| <b>ECA prox</b>            |           |                       |                     |
| 102.0 cm/s                 | 21.0 cm/s | NO                    | NO                  |
| <b>ICA prox</b>            |           |                       |                     |
| 120.0 cm/s                 | 22.0 cm/s | NO                    | NO                  |
| <b>ICA mid</b>             |           |                       |                     |
| 311.0 cm/s                 | 55.0 cm/s | YES                   | YES                 |
| <b>ICA dist</b>            |           |                       |                     |
| 107.0 cm/s                 | 24.0 cm/s | NO                    | NO                  |
| <i>Lt. Vertebral</i>       |           |                       |                     |
| <b>LT ICA/CCA PS RATIO</b> |           | 3.14 no units         |                     |

Critical Stenosis noted in Left ICA mid 90%

## ***2 D MORPHOLOGY***

No plaque noted in Right Carotid System

Heterogeneous plaque noted in Left ICA

**Diameter Stenosis Right ICA      none**

**Diameter Stenosis Left ICA      critical**

## ***Conclusions***

No evidence of significant stenosis in Right Carotid System. Stenosis of Left ICA mid 90%

## ***Recommendations***

Consider Carotid MRA

*Adrena Austin*

**Reading Phys.**      Adrena Austin

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Finalized by Adrena Austin 2022-07-01 11:15 AM UTC