**Carotid Duplex Scans:**

|  |  |
| --- | --- |
| **1** | **11/05/2021, 09:07, VUS Duplex of Carotid Arteries**  **Carotid**  Bilaterally  TheCCA, ECA and ICA are patent with no evidence of significant stenosis detected.  Vertebral artery normal antegrade flow.  Right  CCA PSV\*=75cm/s  CCA EDV\*\*=11cm/s  ICA PSV=86cm/s  ICA EDV=18cm/s  Left  CCA PSV=72cm/s  CCA EDV=15cm/s  ICA PSV=74cm/s  ICA EDV=17cm/s  ICA PSV normal limit <125cm/s  ICA EDV normal limit <40cm/s  \*PSV= peak systolic velocity  \*\*EDV= end diastolic velocity  Reag Bermejo  Clinical Vascular Scientist |
| **2** | **10/05/2021, 13:51, VUS Duplex of Carotid Arteries**  **Carotid**  Bilaterally  TheCCA, ECA and ICA are patent with no evidence of significant stenosis detected.  Vertebral artery normal antegrade flow.  Right  CCA PSV\*=43cm/s  CCA EDV\*\*=14cm/s  ICA PSV=80cm/s  ICA EDV=27cm/s  Left  CCA PSV=42cm/s  CCA EDV=12cm/s  ICA PSV=85cm/s  ICA EDV=17cm/s  ICA PSV normal limit <125cm/s  ICA EDV normal limit <40cm/s  \*PSV= peak systolic velocity  \*\*EDV= end diastolic velocity  Reag Bermejo  Clinical Vascular Scientist |
| **3** | **10/05/2021, 11:48, VUS Duplex of Carotid Arteries**  **Carotid**  Bilaterally  TheCCA, ECA and ICA are patent with no evidence of significant stenosis detected.  Vertebral artery normal antegrade flow.  Right  CCA PSV\*=46cm/s  CCA EDV\*\*=8cm/s  ICA PSV=52cm/s  ICA EDV=13cm/s  Left  CCA PSV=54cm/s  CCA EDV=9cm/s  ICA PSV=69cm/s  ICA EDV=16cm/s  ICA PSV normal limit <125cm/s  ICA EDV normal limit <40cm/s  \*PSV= peak systolic velocity  \*\*EDV= end diastolic velocity  Reag Bermejo  Clinical Vascular Scientist |
| **4** | **10/05/2021, 11:48, VUS Duplex of Carotid Arteries**  **Carotid**  Bilaterally  TheCCA, ECA and ICA are patent with no evidence of significant stenosis detected.  Vertebral artery normal antegrade flow.  Right  CCA PSV\*=72cm/s  CCA EDV\*\*=24cm/s  ICA PSV=62cm/s  ICA EDV=31cm/s  Left  CCA PSV=68cm/s  CCA EDV=20cm/s  ICA PSV=63cm/s  ICA EDV=29cm/s  ICA PSV normal limit <125cm/s  ICA EDV normal limit <40cm/s  \*PSV= peak systolic velocity  \*\*EDV= end diastolic velocity  Reag Bermejo  Clinical Vascular Scientist |
| **5** | **10/05/2021, 11:31, VUS Duplex of Carotid Arteries**  **Carotid**  Right:  TheCCA is patent with an IMT of ~2.9mm noted on the anterior wall in the distal section, otherwise no evidence of significant stenosis detected.  The ECA and ICA are patent with no evidence of significant stenosis detected.  Vertebral artery normal antegrade flow.  Right  CCA PSV\*=74cm/s  CCA EDV\*\*=23cm/s  ICA PSV=62cm/s  ICA EDV=16cm/s  Left:  TheCCA, ECA and ICA are patent with no evidence of significant stenosis detected.  Vertebral artery normal antegrade flow.  Left  CCA PSV=86cm/s  CCA EDV=28cm/s  ICA PSV=62cm/s  ICA EDV=28cm/s  ICA PSV normal limit <125cm/s  ICA EDV normal limit <40cm/s  \*PSV= peak systolic velocity  \*\*EDV= end diastolic velocity  Reag Bermejo  Clinical Vascular Scientist |
| **6** | **26/04/2021, 14:38, VUS Duplex of Carotid Arteries**  **Carotid**  Bilaterally  TheCCA, ECA and ICA are patent with no evidence of significant stenosis detected.  Vertebral artery normal antegrade flow.  Right  CCA PSV\*=72cm/s  CCA EDV\*\*=10cm/s  ICA PSV=109cm/s  ICA EDV=19cm/s  Left  CCA PSV=65cm/s  CCA EDV=8cm/s  ICA PSV=77cm/s  ICA EDV=17cm/s  ICA PSV normal limit <125cm/s  ICA EDV normal limit <40cm/s  \*PSV= peak systolic velocity  \*\*EDV= end diastolic velocity  Reag Bermejo  Clinical Vascular Scientist |
| **7** | **26/04/2021, 13:59, VUS Duplex of Carotid Arteries**  **Carotid**  Bilaterally  TheCCA, ECA and ICA are patent with no evidence of significant stenosis detected.  Vertebral artery normal antegrade flow.  Right  CCA PSV\*=58cm/s  CCA EDV\*\*=14cm/s  ICA PSV=66cm/s  ICA EDV=23cm/s  Left  CCA PSV=67cm/s  CCA EDV=13cm/s  ICA PSV=53cm/s  ICA EDV=20cm/s  ICA PSV normal limit <125cm/s  ICA EDV normal limit <40cm/s  \*PSV= peak systolic velocity  \*\*EDV= end diastolic velocity  Reag Bermejo  Clinical Vascular Scientist |
| **8** | **26/04/2021, 11:56, VUS Duplex of Carotid Arteries**  **Carotid**  Bilaterally  TheCCA, ECA and ICA are patent with no evidence of significant stenosis detected.  Vertebral artery normal antegrade flow.  Right  CCA PSV\*=75cm/s  CCA EDV\*\*=17cm/s  ICA PSV=75cm/s  ICA EDV=19cm/s  Left  CCA PSV=80cm/s  CCA EDV=15cm/s  ICA PSV=71cm/s  ICA EDV=16cm/s  ICA PSV normal limit <125cm/s  ICA EDV normal limit <40cm/s  \*PSV= peak systolic velocity  \*\*EDV= end diastolic velocity  Reag Bermejo  Clinical Vascular Scientist |
| **9** | **26/04/2021, 10:10, VUS Duplex of Carotid Arteries**  **Carotid**  Bilaterally  TheCCA, ECA and ICA are patent with no evidence of significant stenosis detected.  Vertebral artery normal antegrade flow.  Right  CCA PSV\*=72cm/s  CCA EDV\*\*=15cm/s  ICA PSV=106cm/s  ICA EDV=24cm/s  Left  CCA PSV=91cm/s  CCA EDV=14cm/s  ICA PSV=97cm/s  ICA EDV=14cm/s  ICA PSV normal limit <125cm/s  ICA EDV normal limit <40cm/s  \*PSV= peak systolic velocity  \*\*EDV= end diastolic velocity  Reag Bermejo  Clinical Vascular Scientist |
| **10** | **23/04/2021, 17:16, VUS Duplex of Carotid Arteries**  **Carotid**  Right  TheCCA and ECA are patent with no evidence of significant stenosis detected.  **There is a mixed, ulcerated plaque at the ICA origin which results in a 50-59% ICA stenosis.**  Vertebral artery normal antegrade flow.  Right  CCA PSV\*=79cm/s  CCA EDV\*\*=18cm/s  ICA PSV=159cm/s  ICA EDV=31cm/s  Left  TheCCA, ICA and ECA are patent with no evidence of significant stenosis detected.  Vertebral artery normal antegrade flow.  Left  CCA PSV=77cm/s  CCA EDV=17cm/s  ICA PSV=72cm/s  ICA EDV=21cm/s  ICA PSV normal limit <125cm/s  ICA EDV normal limit <40cm/s  \*PSV= peak systolic velocity  \*\*EDV= end diastolic velocity  Reag Bermejo  Clinical Vascular Scientist |
| **11** | **23/04/2021, 11:47, VUS Duplex of Carotid Arteries**  **Carotid**  Bilaterally  TheCCA, ECA and ICA are patent with no evidence of significant stenosis detected.  Vertebral artery normal antegrade flow.  Right  CCA PSV\*=127cm/s  CCA EDV\*\*=>37cm/s  ICA PSV=97cm/s  ICA EDV=22cm/s  Left  CCA PSV=97cm/s  CCA EDV=27cm/s  ICA PSV=116cm/s  ICA EDV=39cm/s  ICA PSV normal limit <125cm/s  ICA EDV normal limit <40cm/s  \*PSV= peak systolic velocity  \*\*EDV= end diastolic velocity  Reag Bermejo  Clinical Vascular Scientist |
| **12** | **21/04/2021, 16:47, VUS Duplex of Carotid Arteries**  **Carotid**  Right  TheCCA, ECA and ICA are patent with no evidence of significant stenosis detected.  Vertebral artery normal antegrade flow.  Right  CCA PSV\*=67cm/s  CCA EDV\*\*=11cm/s  ICA PSV=93cm/s  ICA EDV=19cm/s  Left  TheCCA and ICA are patent with no evidence of significant stenosis detected.  **There are raised velocities in the proximal ECA suggestive of a >50% stenosis (PSV = 259cm/s)**  Vertebral artery normal antegrade flow.  Left  CCA PSV=81cm/s  CCA EDV=15cm/s  ICA PSV=116cm/s  ICA EDV=30cm/s  ICA PSV normal limit <125cm/s  ICA EDV normal limit <40cm/s  \*PSV= peak systolic velocity  \*\*EDV= end diastolic velocity  Reag Bermejo  Clinical Vascular Scientist |
| **13** | **21/04/2021, 10:02, VUS Duplex of Carotid Arteries**  **Carotid**  Bilaterally  TheCCA, ECA and ICA are patent with no evidence of significant stenosis detected.  Vertebral artery normal antegrade flow.  Right  CCA PSV\*=55cm/s  CCA EDV\*\*=10cm/s  ICA PSV=53cm/s  ICA EDV=11cm/s  Left  CCA PSV=50cm/s  CCA EDV=10cm/s  ICA PSV=79cm/s  ICA EDV=23cm/s  ICA PSV normal limit <125cm/s  ICA EDV normal limit <40cm/s  \*PSV= peak systolic velocity  \*\*EDV= end diastolic velocity  Reag Bermejo  Clinical Vascular Scientist |
| **14** | **19/04/2021, 11:27, VUS Duplex of Carotid Arteries**  **Carotid**  Bilaterally  TheCCA, ECA and ICA are patent with no evidence of significant stenosis detected.  Vertebral artery normal antegrade flow.  Right  CCA PSV\*=71cm/s  CCA EDV\*\*=14cm/s  ICA PSV=61cm/s  ICA EDV=14cm/s  Left  CCA PSV=74cm/s  CCA EDV=11cm/s  ICA PSV=62cm/s  ICA EDV=16cm/s  ICA PSV normal limit <125cm/s  ICA EDV normal limit <40cm/s  \*PSV= peak systolic velocity  \*\*EDV= end diastolic velocity  Reag Bermejo  Clinical Vascular Scientist |
| **15** | **14/04/2021, 16:32, VUS Duplex of Carotid Arteries**  **Carotid**  *High resistance waveforms throughout the carotid tree bilaterally - likely cardiac cause.*  Right  TheCCA and ECA are patent with no evidence of significant stenosis detected.  Increased velocities in the mid ICA suggestive of a <50% stenosis, however ICA is tortuous at this point.  Vertebral artery antegrade flow.  Right  CCA PSV\*=130cm/s  ICA PSV=140cm/s  Left  TheCCA, ECA and ICA are patent with no evidence of significant stenosis detected.  Vertebral artery antegrade flow.  Left  CCA PSV=131cm/s  ICA PSV=115cm/s  ICA PSV normal limit <125cm/s  ICA EDV normal limit <40cm/s  \*PSV= peak systolic velocity  \*\*EDV= end diastolic velocity  Reag Bermejo  Clinical Vascular Scientist |
| **16** | **14/04/2021, 12:51, VUS Duplex of Carotid Arteries**  **Carotid**  Bilaterally  TheCCA, ECA and ICA are patent with no evidence of significant stenosis detected.  Vertebral artery normal antegrade flow.  Right  CCA PSV\*=61cm/s  CCA EDV\*\*=14cm/s  ICA PSV=75cm/s  ICA EDV=21cm/s  Left  CCA PSV=55cm/s  CCA EDV=11cm/s  ICA PSV=65cm/s  ICA EDV=24cm/s  ICA PSV normal limit <125cm/s  ICA EDV normal limit <40cm/s  \*PSV= peak systolic velocity  \*\*EDV= end diastolic velocity  Reag Bermejo  Clinical Vascular Scientist |
| **17** | **12/04/2021, 16:07, VUS Duplex of Carotid Arteries**  **Carotid**  Bilaterally  TheCCA, ECA and ICA are patent with no evidence of significant stenosis detected.  Vertebral artery normal antegrade flow.  Right  CCA PSV\*=60cm/s  CCA EDV\*\*=8cm/s  ICA PSV=66cm/s  ICA EDV=14cm/s  Left  CCA PSV=54cm/s  CCA EDV=8cm/s  ICA PSV=72cm/s  ICA EDV=15cm/s  ICA PSV normal limit <125cm/s  ICA EDV normal limit <40cm/s  \*PSV= peak systolic velocity  \*\*EDV= end diastolic velocity  Reag Bermejo  Clinical Vascular Scientist |
| **18** | **12/04/2021, 11:23, VUS Duplex of Carotid Arteries**  **Carotid**  Right  TheCCA, ECA and ICA are patent with no evidence of significant stenosis detected.  **High resistance flow noted in the VertebralA**  Right  CCA PSV\*=58cm/s  CCA EDV\*\*=8cm/s  ICA PSV=77cm/s  ICA EDV=16cm/s  Left  TheCCA, ECA and ICA are patent with no evidence of significant stenosis detected.  Vertebral artery normal antegrade flow.  Left  CCA PSV=61cm/s  CCA EDV=7cm/s  ICA PSV=100cm/s  ICA EDV=16cm/s  ICA PSV normal limit <125cm/s  ICA EDV normal limit <40cm/s  \*PSV= peak systolic velocity  \*\*EDV= end diastolic velocity  Reag Bermejo  Clinical Vascular Scientist |
| **19** | **12/04/2021, 10:04, VUS Duplex of Carotid Arteries**  **Carotid**  Bilaterally  TheCCA, ECA and ICA are patent with no evidence of significant stenosis detected.  Vertebral artery normal antegrade flow.  Right  CCA PSV\*=102cm/s  CCA EDV\*\*=20cm/s  ICA PSV=71cm/s  ICA EDV=20cm/s  Left  CCA PSV=78cm/s  CCA EDV=18cm/s  ICA PSV=62cm/s  ICA EDV=19cm/s  ICA PSV normal limit <125cm/s  ICA EDV normal limit <40cm/s  \*PSV= peak systolic velocity  \*\*EDV= end diastolic velocity  Reag Bermejo  Clinical Vascular Scientist |
| **20** | **09/04/2021, 15:22, VUS Duplex of Carotid Arteries**  **Carotid**  Bilaterally  TheCCA, ECA and ICA are patent with no evidence of significant stenosis detected.  Vertebral artery normal antegrade flow.  Right  CCA PSV\*=84cm/s  CCA EDV\*\*=20cm/s  ICA PSV=89cm/s  ICA EDV=14cm/s  Left  CCA PSV=96cm/s  CCA EDV=20cm/s  ICA PSV=79cm/s  ICA EDV=26cm/s  ICA PSV normal limit <125cm/s  ICA EDV normal limit <40cm/s  \*PSV= peak systolic velocity  \*\*EDV= end diastolic velocity  Reag Bermejo  Clinical Vascular Scientist |
| **21** | **09/04/2021, 10:41, VUS Duplex of Carotid Arteries**  **Carotid**  Bilaterally  TheCCA, ECA and ICA are patent with no evidence of significant stenosis detected.  Vertebral artery normal antegrade flow.  Right  CCA PSV\*=57cm/s  CCA EDV\*\*=12cm/s  ICA PSV=76cm/s  ICA EDV=14cm/s  Left  CCA PSV=67cm/s  CCA EDV=15cm/s  ICA PSV=78cm/s  ICA EDV=19cm/s  ICA PSV normal limit <125cm/s  ICA EDV normal limit <40cm/s  \*PSV= peak systolic velocity  \*\*EDV= end diastolic velocity  Reag Bermejo  Clinical Vascular Scientist |
| **22** | **09/04/2021, 10:28, VUS Duplex of Carotid Arteries**  **Carotid**  Bilaterally  TheCCA, ECA and ICA are patent with no evidence of significant stenosis detected.  Vertebral artery normal antegrade flow.  Right  CCA PSV\*=111cm/s  CCA EDV\*\*=24cm/s  ICA PSV=96cm/s  ICA EDV=24cm/s  Left  CCA PSV=114cm/s  CCA EDV=27cm/s  ICA PSV=102cm/s  ICA EDV=21cm/s  ICA PSV normal limit <125cm/s  ICA EDV normal limit <40cm/s  \*PSV= peak systolic velocity  \*\*EDV= end diastolic velocity  Reag Bermejo  Clinical Vascular Scientist |
| **23** | **08/04/2021, 10:32, VUS Duplex of Carotid Arteries**  **Carotid**  Bilaterally  TheCCA, ECA and ICA are patent with no evidence of significant stenosis detected.  Vertebral artery normal antegrade flow.  Right  CCA PSV\*= 82cm/s  CCA EDV\*\*= 20cm/s  ICA PSV=76cm/s  ICA EDV=14cm/s  Left  CCA PSV=76cm/s  CCA EDV=20cm/s  ICA PSV=81cm/s  ICA EDV=22cm/s  ICA PSV normal limit <125cm/s  ICA EDV normal limit <40cm/s  \*PSV= peak systolic velocity  \*\*EDV= end diastolic velocity  Reag Bermejo  Clinical Vascular Scientist |
| **24** | **06/04/2021, 14:03, VUS Duplex of Carotid Arteries**  **Carotid**  Bilaterally  TheCCA, ECA and ICA are patent with no evidence of significant stenosis detected.  Vertebral artery normal antegrade flow.  Right  CCA PSV\*=78cm/s CCA EDV\*\*=25cm/s  ICA PSV=69cm/s, ICA EDV=18cm/s  Left  CCA PSV=67cm/s CCA EDV=28cm/s  ICA PSV=69cm/s ICA EDV=22cm/s  ICA PSV normal limit <125cm/s  ICA EDV normal limit <40cm/s  \*PSV= peak systolic velocity  \*\*EDV= end diastolic velocity  Reag Bermejo  Clinical Vascular Scientist |
| **25** | **06/04/2021, 11:56, VUS Duplex of Carotid Arteries**  **Carotid**  Bilaterally  TheCCA, ECA and ICA are patent with no evidence of significant stenosis detected.  Vertebral artery normal antegrade flow.  Right  CCA PSV\*=91cm/s CCA EDV\*\*=11cm/s  ICA PSV=111cm/s, ICA EDV=18cm/s  Left  CCA PSV=166cm/s CCA EDV=15cm/s  ICA PSV=119cm/s ICA EDV=22cm/s  ICA PSV normal limit <125cm/s  ICA EDV normal limit <40cm/s  \*PSV= peak systolic velocity  \*\*EDV= end diastolic velocity  Reag Bermejo  Clinical Vascular Scientist |