

On-line Table 1: Imaging and surgical records of the series of carotid body tumors (n = 9)

| No. | Location | CC Extent, cm | Axial Size, cm ² | Volume, mL | Distance from Skull Base to Tumor, cm | Maximum Degree of Contact of ICA (A1), ECA (A2), and CCA (A3) | MR Image Type | Surgical Details |
|-----|------------------|---------------|-----------------------------|------------|---------------------------------------|---|---------------|---|
| 1 | Right unilateral | 5.3 | 4.7 × 3.5 | 43.6 | 2.6 | A1 = 360 A2 = 360 A3 = 255 | Type III | Shamblin III ECA, ICA, and distal CCA sacrificed Vessel anastomosis using graft Nerves preserved |
| 2 | Left unilateral | 3.6 | 3.2 × 3.5 | 20 | 3.0 | A1 = 280 A2 = 285 A3 = 140 | Type III | Shamblin III ICA and ECA sacrificed ICA reconstruction with graft Nerves preserved |
| 3 | Left unilateral | 4.9 | 3.2 × 2.0 | 15.7 | 3.0 | A1 = 360 A2 = 270 A3 = 280 | Type III | Shamblin III ICA sacrificed and reconstructed with graft ECA ligated |
| 4 | Left unilateral | 3.4 | 3.3 × 2.5 | 14.0 | 2.8 | A1 = 360 A2 = 180 | Type III | Shamblin III ICA sacrificed and reconstructed with graft ECA preserved |
| 5 | Right bilateral | 10.3 | 7.0 × 5.0 | 180.0 | 1.6 | A1 = 360 A2 = 360 A3 = 190 | Type III | Shamblin III Distal part of tumor excised; ICA and ECA preserved and inseparable from residual tumor |
| 6 | Left bilateral | 8.2 | 2.8 × 2.1 | 24.0 | 4.2 | A1 = 210 A2 = 230 | Type II | Not operated (surgery on contralateral tumor) |
| 7 | Left unilateral | 3.4 | 3.0 × 3.1 | 15.8 | 4.8 | A1 = 150 A2 = 180 | Type I | Shamblin I ICA and ECA preserved Nerves preserved |
| 8 | Right unilateral | 2.3 | 6.3 × 3.7 | 26.8 | 3.0 | A1 = 210 A2 = 260 A3 = 210 | Type II | Shamblin II ICA preserved ECA ligated Nerves preserved |
| 9 | Right unilateral | 5.0 | 3.0 × 3.0 | 22.5 | 5.5 | A1 = 210 A2 = 240 | Type II | Shamblin II ICA and ECA preserved Nerves preserved Rent in ICA sutured |

Note:—ICA indicates internal carotid artery; CCA, common carotid artery; ECA, external carotid artery; CC, craniocaudal.