

Persistent proatlantal artery

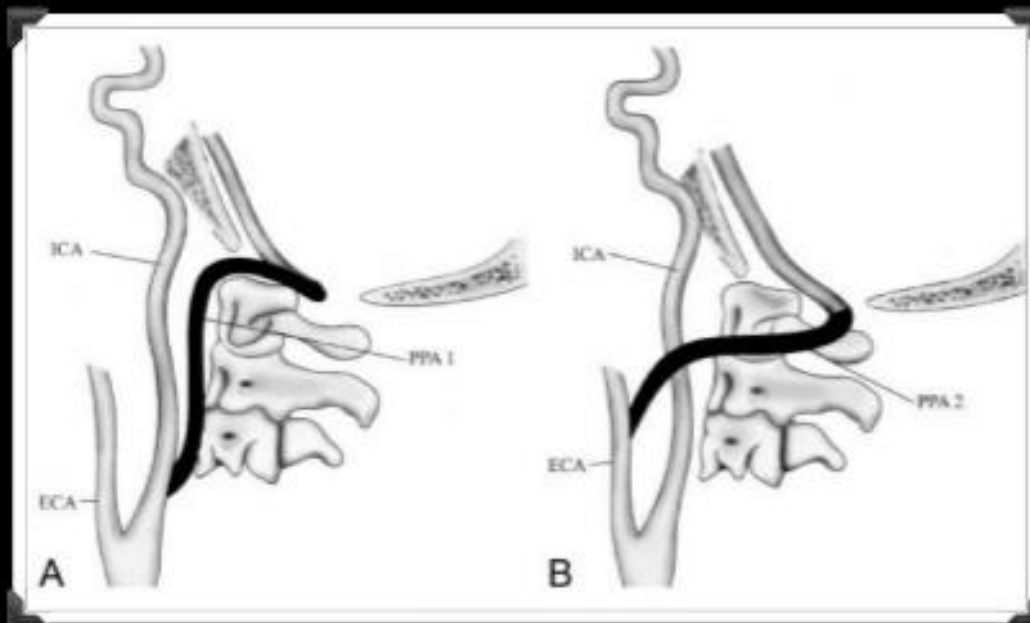


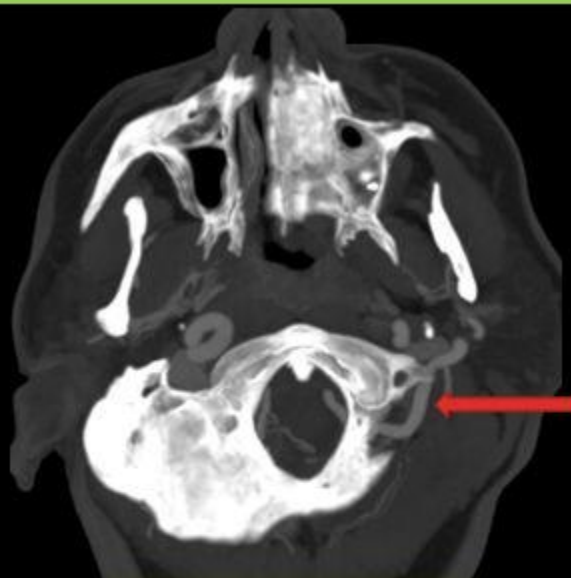
Fig 6. A, Persistent proatlantal artery type I (PPA 1) arises from the caudal part of the internal carotid artery and courses along the anterior aspect of the vertebral bodies to the level of the occipitoatlantal space before coursing dorsally.

B, Persistent proatlantal artery type II (PPA 2) arises from the external carotid artery; it crosses the C1 or C2 vertebra obliquely. Both PPA-1 and PPA-2 enter the skull via the foramen magnum.

Rising from C3, enter skull via foramen magnum



A. Sagittal MIP:



B. Axial MIP:

Figure A-C demonstrate The type-2 pro-atlantal artery rises from the ECA and joins the third segment of the VA below the first cervical vertebra



C. 3D



D. Coronal MIP

Note absence of V1 and V2 segments of the ipsilateral vertebral artery

Proatlantal intersegmental artery

- Left common carotid artery digital subtraction arteriogram, lateral projection.
- Proatlantal artery (*arrow*) courses dorsally above C1 before joining the vertebral artery.

