

Basilar artery segments

3 segments (named for surrounding cistern) and their branches:

a) peduncular segment (P1)

- mesencephalic perforating aa. (⇒ tectum, cerebral peduncles, and these nuclei: Edinger- Westphal, oculomotor and trochlear)
- interpeduncular thalamoperforators (1st of 2 groups of posterior thalamoperforating aa.)
- medial post. choroidal (most from P1 or P2)
- “artery of Percheron”

b) ambient segment(P2)

- lateral post. choroidal (most from P2)
- thalamogeniculate thalamoperforators (2nd of 2 groups of posterior thalamoperforating aa.) ⇒ geniculate bodies + pulvinar
- anterior temporal (anastomoses with anterior temporal br. of MCA)
- posterior temporal
- parieto-occipital
- calcarine

c) quadrigeminal segment (P3)

- quadrigeminal & geniculate branches ⇒ quadrigeminal plate
- post. pericallosal (splenial) (anastomoses with pericallosal of ACA)

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