

cerebral part of internal carotid artery or occasionally from the sphenoidal part (M1 segment) of the middle cerebral artery; distribution: to uncus.

Synonym(s): arteria uncalis [TA].



A huge uncal branch of the [anterior choroidal artery](#) was found in one of 22 cerebral hemispheres. The uncal artery measured 0.7 mm in diameter. It gave off small branches to the [uncus](#), as well as a large [parahippocampal artery](#), the accessory [anterior temporal artery](#), and the [anterior hippocampal artery](#). This uncal artery supplied, in addition to the uncus, most of the ventromedial surface of the [parahippocampal gyrus](#), part of its dorsal surface, the rostromedial portion of the [lateral occipitotemporal gyrus](#), and the rostral part of the hippocampal formation. Such a huge uncal artery has implications for surgery in the uncohippocampal region ¹⁾.

¹⁾

Marinković S, Gibo H, Erdem A. Huge uncal branch of the anterior choroidal artery. Neurol Med Chir (Tokyo). 1994 Jul;34(7):423-8. Review. PubMed PMID: 7526230.

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