

Topography of The Posterior Communicating Artery in a Kenyan Population

Sinkeet, S; Ogeng'o, J; Saidi, H; Awori, K

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Abstract:

Configuration and branching pattern of the posterior communicating artery influence occurrence and approaches to management of aneurysms. Distribution of the various configurations and branching patterns shows population variations but reports from Africa are scanty. Configurations observed in the Kenyan population are comparable to those reported in the Caucasian populations. From an anatomical standpoint, the two are equally predisposed to development of aneurysms. Posterior third of PComA had the least number of branches suggesting that the pterional approach to basilar tip aneurysm among Kenyans may be a safer procedure.