



Artery of percheron infarction after endoscopic pituitary surgery: case report and review of the literature

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Abstract

The thalamic vascularization and midbrain consist of a complex arterial network involving the anterior and posterior cerebral circulation, Percheron artery represent an anatomic variation branch of the paramedian artery (P1) and was described in 1973, by Gerard Percheron who performed an extensive study of thalamus vascular anatomy based on cadaveric observation and dissection. Infarction in Percheron territory is a rare phenomenon, in this opportunity, we present the second report of Artery of Percheron infarction after endoscopic pituitary surgery in a male patient of 52 years old with a pituitary macroadenoma with a review of the anatomy and most frequent complications for trans-sphenoidal approach.

Biography

María Gabriela Sánchez Páez was born in Venezuela, at the age of 24 she graduated from medicine at UNAB, Colombia. Later he made a year of volunteering in the neurosurgery service of the FOSCAL clinic, continuing his research and academic preparation work in neurosurgery in the same institution. In July 2019 she graduated with an excellent qualification from training in scientific and medical research at Harvard University. He is currently continuing his studies at the University of Chile, in the INCA Neurosurgery service.