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Held important development with the description and improvement of surgical treatment of pituitary tumor through video - endoscopic technique

Aguinaldo Pereira Catanoce

Pontifical Catholic University of Campinas, Brazil

This paper reports about the important development with the description and improvement of surgical treatment of pituitary tumor through video-endoscopic technique. This video-endoscopic technique describes the endoscopic fully endonasal transsphenoidal surgery for pituitary tumors. A series of, over 120 cases, of procedures over last seven years, in a particular and University Hospitals in Brazil were included in this study. It described statistics biochemical, clinical and radiologic results with a specific radiologic pre and post- operative image. An angiotopographic bone study for sphenoid sinus details and magnetic brain image is used. In the fully endonasal endoscopic technique, we encountered less morbidity/mortality statistics and more patient satisfaction. The advancements of fully endoscopic endonasal surgery of pituitary adenomas lead to a better endocrinologic clinical and radiologic control, less morbidity.

Biography

Aguinaldo Pereira Catanoce completed his Graduation and Post-graduation in Medicine and Neurosurgery at Catholic University of Campinas in Brazil in 2007. He is a member of Brazilian Society of Neurosurgery since 2009. He has eight years of experience in "Neurosurgery and video endoscopes for brain tumors at the base of skull and intra-ventricular area in addition to the improvement of microsurgical treatment of vascular lesions". He is a Neurosurgeon and Professor in Department of Neurosurgery at University of Campinas, Brazil; Manager; Medical and Technical Director at University Hospital, São Paulo, Brazil with seven years of experience in Hospital Management.

apcatanoce@hotmail.com

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