A Case of Nasal Glomangiopericytoma Resected under Endoscope

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Glomangiopericytomas (sinonasal-type hemangiopericytomas) are a rare tumor entity deriving from pericytes. Less than 0.5% of hemangiopericytomas occur in the nasal cavity and are characterised by a rather benign nature with low tendency for metastasis.

A 69-year-old man presented with epistaxis. Endoscopic and radiographic examination revealed a bilateral mass involving the nasal cavity and paranasal sinuses. Histopathological features were consistent with a glomangiopericytoma. Immunohistochemically, the tumor cells were positive for vimentin and α -smooth muscle antigen. Complete endoscopic resection with free margins was achieved without embolization.

Keywords : glomangiopericytoma, hemangiopericytoma, endoscopic resection

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