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TITLE: Nasal Mucosal Melanoma: Case Report and Literature Review

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ABSTRACT

Melanomas are tumors that originate from melanocyte cells derived from the neural crest. Primary Mucosal Melanomas represent only 1.7–3% of all primary melanomas. Sinonasal Mucosal Melanoma represents 4% of malignancies of the nasal cavity and paranasal sinuses, with the nasal cavity most involved. These tumors have non-specific presentation which results in delay of diagnosis. Surgical resection with clear margins is the primary treatment option, however positive margins and distant metastasis affect overall survival and prognosis. This report presents a case of a 67-year old female presenting with a 1-year history of recurrent right sided epistaxis and nasal obstruction. Endoscopy showed a friable hyperpigmented mass occupying the cavity. Computed tomography of the paranasal sinuses revealed a mixed density mass occupying the right nasal cavity with opacification of the ipsilateral maxillary and ethmoid sinuses. Immunohistochemical staining of the biopsied mass was positive for S100 and Negative for p40 and Pancytokeratin consistent with Malignant Melanoma. Patient underwent Endoscopic excision of the intranasal mass and is co-managed with Oncology Department.

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BIOGRAPHY

Dr Adrienne Nicole Militante has recently completed her 5-year residency in Otorhinolaryngology – Head and Neck Surgery at East Avenue Medical Center, Philippines.