

## **Synchronous double primary cancer of the frontal sinus and the nasopharynx: A case report and review of the literature**

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### **Abstract**

We present a case report of a 55 years old male patient who has been diagnosed as having Inverted papilloma of the frontal sinus which was incompletely removed elsewhere in 2014. The patient main complaint was nasal obstruction which improved after removing that part of the IP presenting in the nose. The patient's symptom of nasal obstruction recurred few months after his first surgery but he ignored it till few months ago when he started to have frontal headache and right sided proptosis moreover he complains of bilateral blocked ears which were diagnosed as bilateral otitis media with effusion. Radiologic workup (CT and MRI) showed erosion of the posterior table of the frontal sinus and the roof of the right orbit with infiltration of the Dura by the mass already left over from the previous surgery and diagnosed as IP. The nasopharynx showed a huge mass abutting the fossa of Rosenmuller and the eustachian tube bilaterally with suspicious retropharyngeal lymph nodes. This mass was found to be both radiological and surgically distinct from the frontal sinus mass. Histopathology revealed an inverted papilloma with malignant transformation involving the Dura of the floor of the anterior cranial fossa and a synchronous second nasopharyngeal carcinoma. The patient was referred to oncology department for combined chemo and radiotherapy.

### **Biography:**

Mohamed Farouk Helal is an Associate Professor of ENT at Military Medical Academy, Egypt. Currently, he is ENT Consultant at Dallah Hospital, KSA. He has a special interest

in Endoscopic Sinus Surgery. He was an Ex-Major General Dr. at Egyptian Armed Forces, was Winner of Long Service and received good example medal from Mr. President of Egypt 2007.