

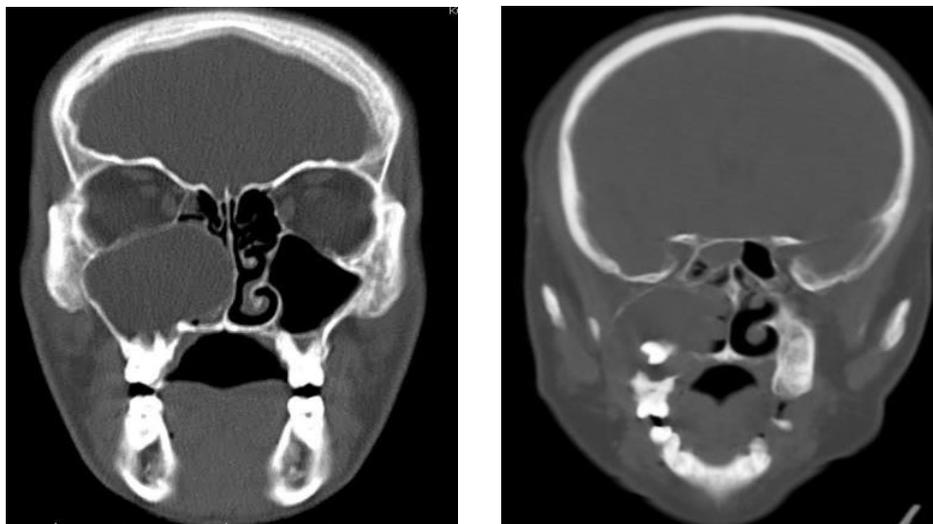
Letter To Editor**Two Cases Of Maxillary Mucoceles, Most Likely Predisposed By Odontogenic Anomalies: Image Of Interest****Cuneyt Kucur¹, Isa Ozbay¹, Onur Erdogan¹, Fatih Oghan¹, Nadir Yildirim¹**

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Dear Editor,

Mucoceles most likely occur as a result of obstruction of the ostium of a sinus with resultant accumulation of mucus and eventual expansion of the sinus. The most common causes of mucoceles are chronic infection, allergic sinonasal disease, trauma and previous surgery. Chronic non-invasive fungal sinusitis has also been associated with the formation of mucoceles. Some authors believe that they represent a mucous retention cyst which gradually enlarges, eventually filling the whole sinus [1]. The diagnosis of mucocele is made on the basis of symptoms, imaging and surgical exploration and histological confirmation. The most informative imaging modality is computed tomography [1,2]. Mucoceles are most commonly found in the frontal sinus, with the ethmoid and sphenoid sinuses involved less frequently. Maxillary sinus mucoceles are relatively rare, accounting for 10% or less of all paranasal sinus mucoceles [1,2]. Herein, we report two cases of maxillary sinus mucoceles predisposed by the protrusion of maxillary teeth into the sinus cavity. Both of the patients underwent endoscopic sinus surgery combined with Caldwell Luc procedure. The management of maxillary sinus mucoceles is surgical. Endoscopic sinus surgery with/out Caldwell Luc approach is the reliable therapeutic measure with a favorable long-term outcome. All otolaryngologists must keep in consideration the dental pathologies as underlying etiology in case of maxillary mucoceles and odontogenic anomalies should be treated concurrently.



References

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2. Christmas DA, Mirante JP, Yanagisawa E. Maxillary sinus mucocele. *Ear Nose and Throat Journal*. 2003;82:11–12.