

Scientific Tracks

Case report: Pansinusitis and periorbital cellulitis complicating external sinus lifting procedures

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Perforation of the maxillary sinus membrane is a common complication during sinus lifting procedures (10-40%). Maxillary sinusitis might result and displacement of the graft material may be a contributing factor. Antibiotic Regimes with removal of the implants perforating the sinus have been used for management of sinusitis with immediate or late replacement of the dental implants. Patient with recurrent severe maxillary, ethmoid and frontal sinusitis attended our center complaining from periorbital cellulitis. She visited multiple ENT clinics for several months with limited improvement and recurrence of the infection. CT scan revealed titanium membrane displacement into the maxillary sinus. Drainage was done intraoral and removal of the titanium membrane. She had sinus lifting procedure right side 9 years ago for placement of 3 implants to replace upper posterior teeth. Patient insisted not to remove the implants and accepted treatment without warranty of the result. Sinus membrane was elevated and PRF used to fill the space above the

implant apices. The infection resolved completely within 10 days. Follow up of the patient for more than 40 months did not show any recurrence. CT Scan shows formation of bony partition between the implants and the maxillary sinus.

Biography: Nasser Al-Alami did the Postgraduate degree in Master of Science in Oral & Maxillofacial surgery from Baghdad University- College of Dentistry (2003) and He is the Specialist Oral and Maxillofacial Surgeon in UAE and has experience from Nov. 2010 till the present time as Performing surgical extractions, dental implants, gingival and bone grafting, cyst enucleation and marsupialization, Maxillofacial Fracture Management.

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