

Dental Implantation Leading to Periophthalmic Bones Puncture: Clinical Image

Giuseppe Franco^{1*}, Jonathan Darganov²

Department of Dentistry, University São Francisco, São Paulo, Brazil

DESCRIPTION

After an encounter with maxillary sinusitis, orbital contamination could cause eye globe rupture. This issue usually occurs due to the unusual orbital contamination spreading from the sinusitis.

In this study we reported a case of 40 years patient who has a past history of hypertension and was under treatment and medication. The patient was admitted in hospital with pain and irritating sensation along with facial swelling in the area periophthalmic area (around the eye) as was undergone dental implant surgery in the upper jaw right and left canines which are in the maxillary alveolar bone and also in the mandibular left and right molars 4 days before the admission (Figure 1). By the laboratory investigations facial enhanced tomography and facial x-ray of the patient have confirmed that due to implants the frontal sinus bones has been punctured which lead to infection in the area (Figure 2). Further medicated and treated [1,2].



Figure 1: Facial X-ray showing the dental implants in maxillary and mandibular bones.



Figure 2: Facial enhanced tomography showing punctures in the sinus bones.

REFERENCE

1. Patel NA, Ferguson BJ. Odontogenic sinusitis: an ancient but underappreciated cause of maxillary sinusitis. *Curr Opin Otolaryngol Head Neck Surg.*2012;20:24.
2. Hughes E, Wynne N, Quinn S, Fulcher T. Odontogenic orbital abscess with intracranial and pulmonary involvement. *Orbit.*2017;36: 459.
3. Segal N, Nissani R, Kordeluk S, Holcberg M, Hertz S, Kassem F, et al. Orbital complications associated with paranasal sinus infections: A 10-year experience in Israel. *Int J Pediatr Otorhinolaryngol.*2016;86:60.

Correspondence to: Giuseppe Franco. Department of Dentistry, University São Francisco, Av. São Francisco de Assis 218, Bragança-Paulista, São Paulo, Brazil, Tel: +55 11 2454-8474; E-mail: franco.giuse@usf.edu.br

Received date: July 22, 2021; **Accepted date:** August 5 2021; **Published date:** August 12, 2021

Citation: Franco G, Darganov J (2021) Dental Implantation Leading to Periophthalmic Bones Puncture: Clinical Image. *Ann Essence Dent.*12.007.

Copyright: © 2021 Franco G, et al. This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.