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Assi. Prof. Pedram Bakhshaei

Pedram Bakhshaei, DMD, Oral & Maxillofacial Surgeon, assistant professor, Emam Hosein Hospital, Tehran, Iran

Soft Tissue Coverage with Submental Flap in Massive Medication-related osteonecrosis of the Mandible

Intravenous bisphosphonates (BPs) are used to treat cancer-related conditions, including hypercalcemia of malignancy, skeletal-related events (SREs) associated with bone, and for management of lytic lesions in the setting of multiple myeloma. Bisphosphonate-related

osteonecrosis of the jaw (BRONJ) is a severe complication of BPs, which affects the patient's quality of life. In the treatment of BRONJ, soft tissue coverage for coverage of the debrided bone is essential. In severe soft tissue deficiency, the use of local or distant soft tissue flap is necessary this case report; a massive BRONJ was described in which a submental flap was used to cover the mandibular bone.

Keywords: Bisphosphonate-Associated Osteonecrosis of the Jaw, mandible, osteonecrosis, Myocutaneous Flap

Biography:

Dr. Pedram Bakhshaei, is an oral & Maxillofacial surgeon. He currently works as an assistant professor at Oral & Maxillofacial surgery department of Shahid Beheshti Medical University. He had 2nd ranked on Iranian national board of OMFS. His main surgical fields are cosmetic surgery, implant surgery and oral pathology