

Dental and Oral Health

July 25-27, 2016 Bangkok, Thailand

Is marsupialization an efficient way of treating keratocystic odontogenic tumor: Case Report

Berkay Tolga Suer, Ibrahim Mutlu and Zafer Kucukodasi
GATA Haydarpasa Teaching Hospital, Turkey

The term of odontogenic keratocyst was first coined by Philipsen in 1956. Lately World Health Organization (WHO) is designated this lesion as a keratocystic odontogenic tumor (KOT) due to its aggressive and infiltrative behavior. Historically, this lesion is treated by the way of enucleation, marsupialization, peripheral ostectomy, resection or combination of these modalities. Because of its high recurrence rate, clinicians have been tried different modalities alternative to aggressive resection. 31-year-old otherwise healthy male patient was referred to our department from the department of corrections with incidental findings of a big radiolusent lesion on his mandible after altercations between inmates. Patient's medical history revealed that the patient was treated for KOT in the same location 4 years ago in our facility. Patient file showed that the initial treatment modality for KOT was marsupialization only and it took about 12 months and resulted with full resolution of the lesion. Afterwards, the patient hasn't showed up any follow-up examination due to his incarceration. The radiographic examination showed a big radiolusent lesion on the patients left mandibular angulus and corpus region. The patient was admitted to our clinic. Due to recurrence of the first KOT, treatment modality for this lesion was changed. Enucleation, aggressive curettage and Carnoy solution application was adopted as the treatment modality. This case once proven that the utilization of the marsupialization for KOT treatment is the least acceptable definitive treatment due to high recurrence rate of this lesion.

Biography

Berkay Tolga Suer has completed his Graduation from Aegean University and PhD from Gulhane Military Medical Academy (GATA) at Ankara. He is a Clinical Associate Professor of the Oral and Maxillofacial Surgery department at GATA Haydarpasa Teaching Hospital in Istanbul. He has published more than 30 papers in reputed journals.

btsuer@gata.edu.tr

Notes: