

Dentistry & Oral Care

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Intra-lesional steroid treatment of central giant cell granuloma of the mandible

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Central giant cell granuloma (CGCG) is a benign lesion. CGCG occurs mainly in children and young adults with more than 60% of all cases occurring before the age of 30 years and female to male ratio of 2:1. The mandibular / maxillary ratio is from 2:1 to 3:1. Surgery is the traditional treatment of CGCG. Calcitonin and intra-lesional steroid were used with good results. In this case report, a 14 years old Saudi girl presented with a hard swelling of left side of the mandible with few months duration. Investigations including blood tests, radiographs and biopsy were done which confirmed the diagnosed of CGCG. Lesion has been treated using six weekly intra-lesional injections of steroid which gave very good result. Patient has been followed up for 10 months with radiographic evidence of defect refill with bone and no sign of recurrence.

Biography

Mohammed Hussein Al-Bodbaij obtained his Bachelor degree of Dental Surgery (BDS) in 1997 from King Saud University at Riyadh. He joined Ministry of Health at KSA soon after internship year to work in primary health care center. After 2 years, he transferred to oral & Maxillofacial Surgery department at King Fahad Hofuf Hospital to work as a resident. Two years later, he attended MSc OMFS course at Eastman Dental Institute at University College London (UCL) where he got the degree in 2005. Then he returned back to KFHH working as a specialist. Since 2007, he worked as an acting consultant. In 2013, he got the fellowship of MFD RCSI, Ireland. During his career, he gave many local and international speeches and had few publications. He is a member of Saudi Dental Society and member of Saudi Society of Oral & Maxillofacial. At present, he is the Head of oral & maxillofacial surgery department at King Fahad Hospital- Hofuf.

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