



Suppurative Parotitis with Multiple Sialoliths

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Clinical Image

A 40-year-old female presented with pain and swelling over left side of face for past 6 months. On examination a firm swelling was present over left parotid region (Figure 1A). Intraorally, inflamed Stenson's duct papilla revealed pus discharge on milking of the Parotid gland (Figure 1B). On Plain radiography, a radiopaque mass was present on Left parotid region. Presence of four distinct hyperdense structures throughout the tract of Stenson's duct suggestive of Sialoliths was noted on Cone-Beam CT (Figure 1C). MRI showed diffuse T2 hyperintensity throughout the enlarged gland, sausage pattern appearance of Left Stenson's duct (Sialodochitis) and intra-ductal and intra-glandular Sialoliths (Figure 1D). A Diagnosis of Acute Suppurative Parotitis secondary to Sialolithiasis was made and Sialoliths were removed surgically. Patient is under follow up. Sialolithiasis in Parotid is relatively rare condition with incidence of 6% to 15% amongst all Sialolithiasis [1]. Modalities for stone removal include use of Dormia basket with Sialendoscopy, extra-corporeal shock-wave lithotripsy and Parotidectomy in patients with multiple stones [2].

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Received Date: 21 Aug 2017

Accepted Date: 15 Sep 2017

Published Date: 22 Sep 2017

Citation:

Jayachandran S, Joshi B. Suppurative Parotitis with Multiple Sialoliths. J Dent Oral Biol. 2017; 2(16): 1097.

ISSN: 2475-5680

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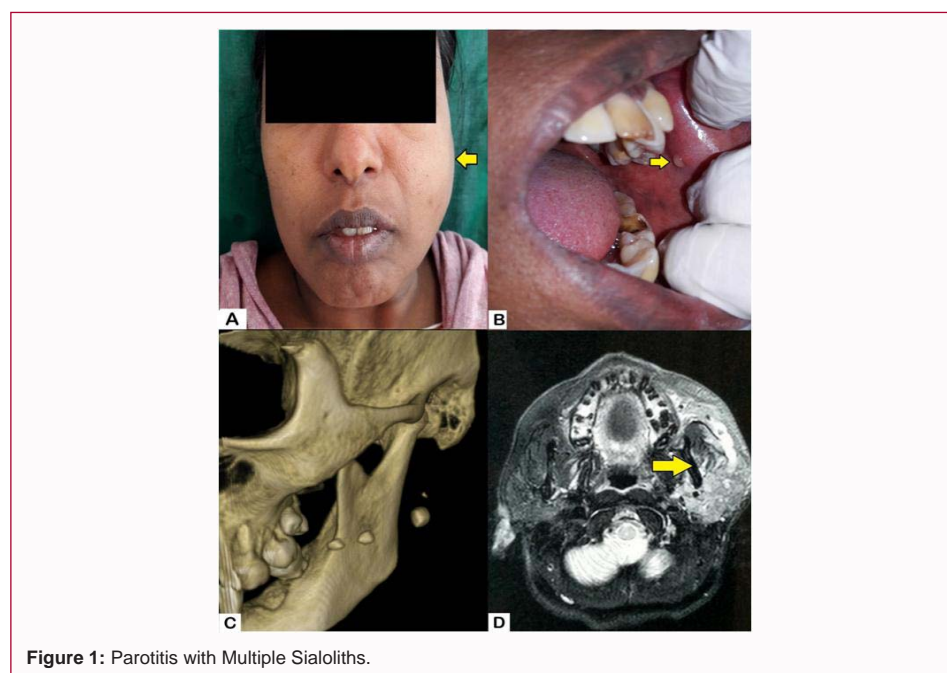


Figure 1: Parotitis with Multiple Sialoliths.

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