

Clinical Image

Huge Sialolith in Submandibular Wharton Canal

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Thirty three years old male patient attended to Otorhinolaryngology outpatient clinic with a complaint of swelling on his left submandibular region. According to physical examination a huge canalicular calculi which is palpated, also detected on ultrasonography.

Question: What can be the treatment method for this patient?

Answer: Although the calculi is huge and obstructed the canal, we perform intraoral sialolithotomy. This surgical procedure can be done via incision to floor of the oral mucosa and taking out the calculi by manipulation (Figures 1,2). This method can be done under local anesthesia and is gland sparing [1]. We encourage this method in wharton canal calculi safely.

Reference

1. Eun YG, Chung DH, Kwon KH. Advantages of intraoral removal over submandibular gland resection for proximal submandibular Stones: a prospective randomized study. *Laryngoscope*. 2010; 120: 2189-2192.



Figure 1.



Figure 2.