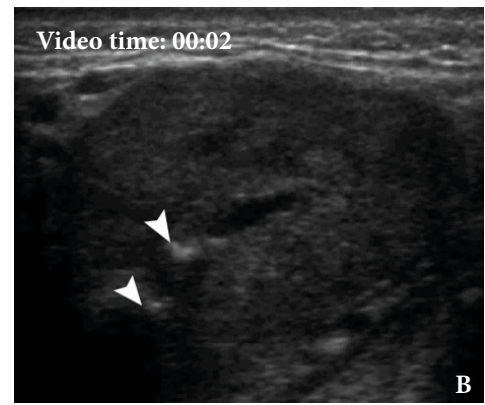




Pics in Oral & Maxillofacial Surgery + Video
Camilo Mosquera, Editor

How Multiple the Submandibular Gland Sialoliths Can Be?

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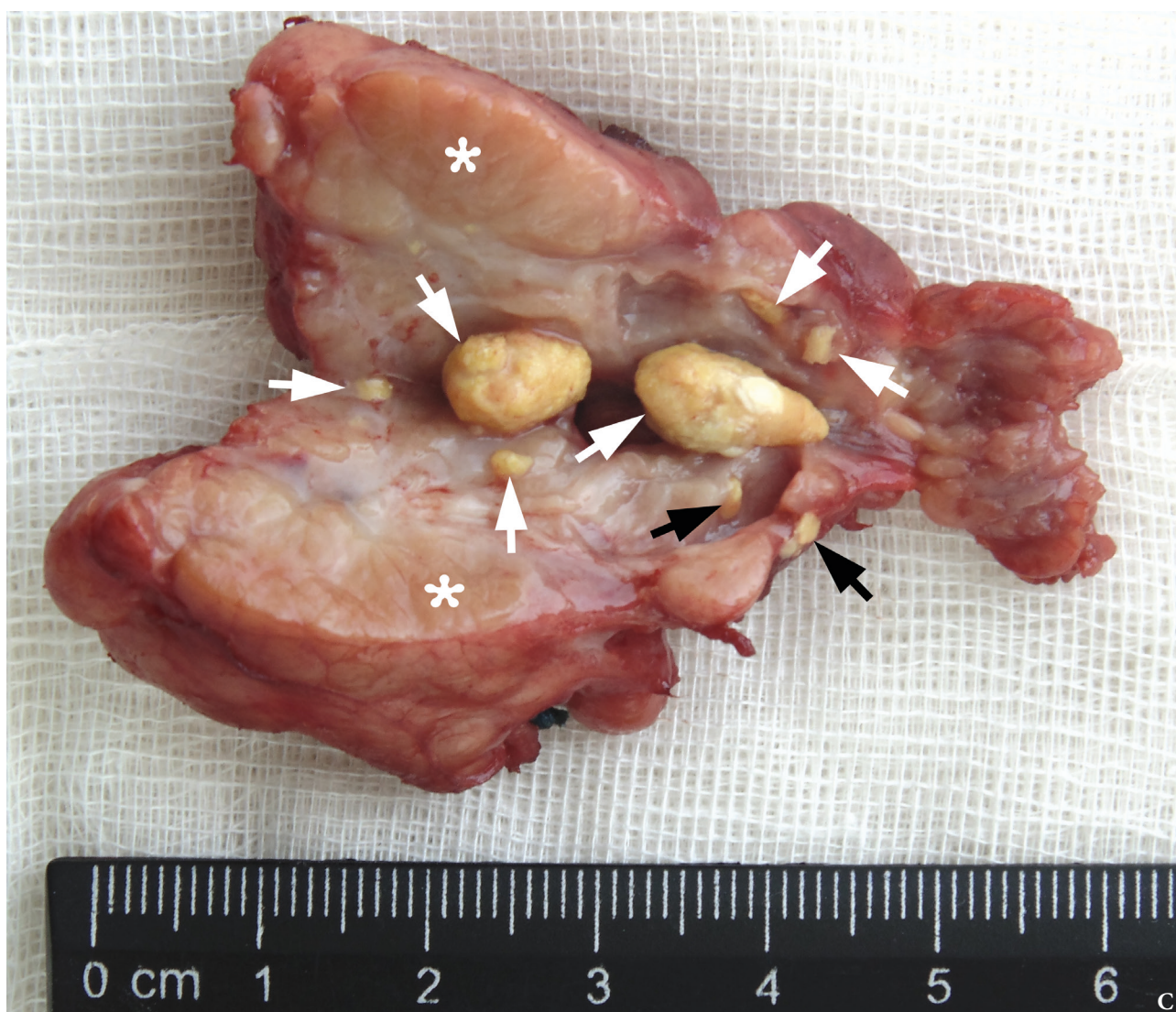


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A 52-year-old man presented to the Maxillofacial Surgery Department of Kyiv Regional Clinical Hospital with a several-year history of swelling in the right submandibular area and salivary colic during exacerbation. A physical examination showed significantly enlarged and firm right submandibular gland (Panel A, *arrow*). The gland was permanently increased in size during last months. Ultrasound (Panel B – Video) shows dilated intraglandular ducts and multiple sialoliths (*arrowheads*), which visualized as hyperechoic bodies with artifact of acoustic

shadowing). Replacement of glandular tissue with fibrous one was also noted. The patient underwent a complete gland removal and 8 different sized salivary stones have been found in the intraglandular duct system of the specimen (Panel C, *arrows* indicate sialoliths, and a fibrous tissue is indicated by *asterisks*). Two stones reached 8 and 10 mm in longitudinal size, and six another sialoliths measured no more than 3 mm. The two microsialoliths, with less than 1 mm in size, were also found. At follow up 6 months after the surgery no complaints were noted. ■ DTJournal