

## Submandibular Gland Stone Case Study

Jon M. Burton, M.D., F.A.C.S.

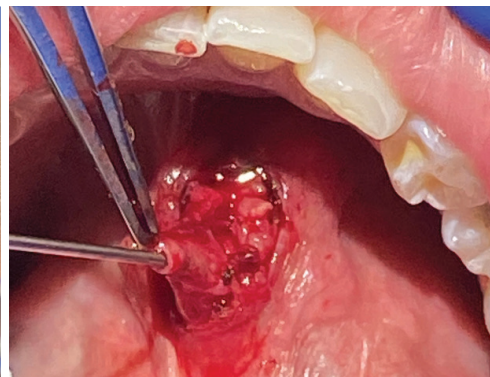


### Patient History

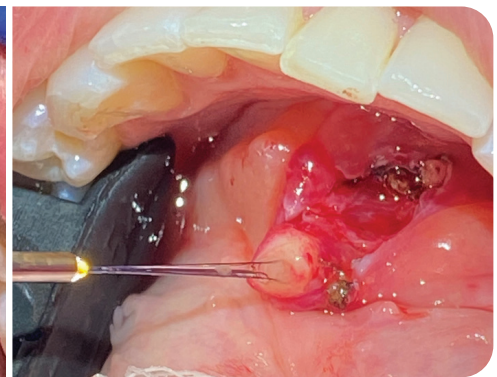
A 41 year-old male presented with a 2 year history of intermittent right neck swelling, occurring during meals. Initially, the swelling was painful but would resolve after several hours. CT evaluation demonstrated a small stone in his right submandibular gland.



Small incision around salivary duct



Introducing endoscope into salivary



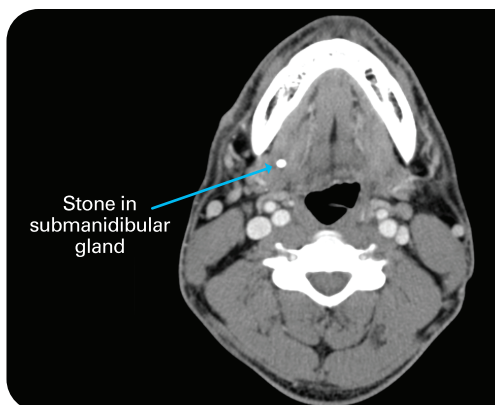
Stone being removed from duct

### Treatment Plan

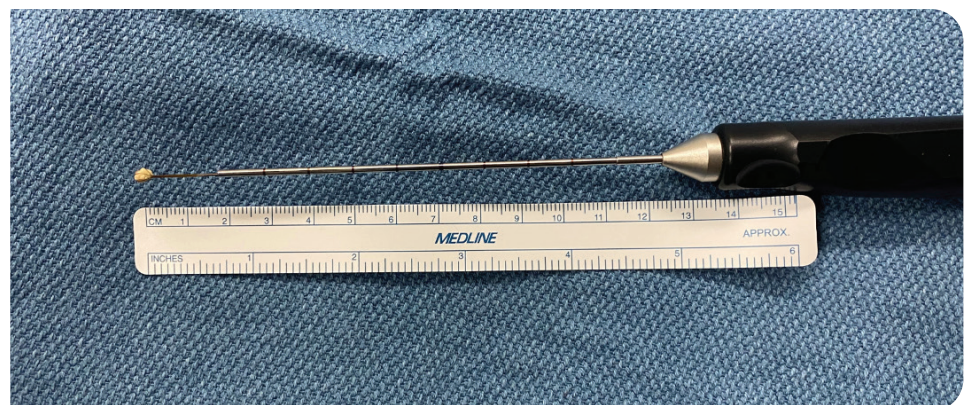
Salivary gland endoscopy, known as sialoendoscopy, was offered instead of gland removal to avoid an incision on the neck. A small incision was made under the tongue to expose the salivary duct. An endoscope was inserted into the duct and the stone was located. Using a wire basket, the stone was removed and the oral incision closed suturing the duct open.

### Results

The patient was seen one week post surgery. His symptoms had completely resolved with excellent flow of saliva from the submandibular gland.



Stone in  
submandibular  
gland



Sialoendoscope with stone

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