

A Giant Sublingual/Submental Dermoid Cyst

Bianchi FA*, Fornaseri C, Spada MC, Nasi A and Bernardi M

Department of Surgical Sciences, Santa Croce-Carle Hospital, Via Michele Coppino 26, 12100, Cuneo, Italy

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1. Clinical Image

A 28-year-old male patient presented to our maxillofacial outpatient clinic with a slow growing swelling on the sublingual and submental region. The patient complaint was discomfort with swallowing and speech.

A physical examination revealed a well-demarcated swelling at both the floor of the mouth and the submandibular region (Figure A-B).

T2-weighted MRI sequences revealed a hyperintense, medially located, cystic mass with intracystic calcified corpuscles, which was 9x5x4 mm in diameter (Figure C).

A combined intraoral and extraoral approach was used to excise the huge lesion (Figure D-E) and histopathological examination revealed a dermoid cyst.

Healing was uneventful, the patient showed no signs of recurrence during the 24-months follow-up period.

Dermoid cysts are rare lesions in head and neck region. They constitute just 7% of all cysts, of those, only 1.6% are located in the oralcavity.

Differential diagnosis includes epidermoid cysts, pilomatricoma, infections, ranula, lymphadenopathies and duplication foregut cysts.



Figure A



Figure B

*Corresponding Author (s): Francesca Antonella Bianchi, Department of Surgical Sciences, Maxillofacial Surgery Section (Head: Dr Bernardi Marco), Santa Croce-Carle Hospital, via Michele Coppino 26, 12100, Cuneo, Italy, Tel: 0171 642254, E-mail: francescaantonella.bianchi@gmail.com

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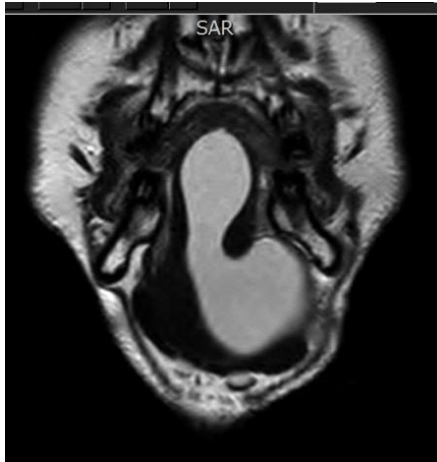


Figure C



Figure D



Figure E