

Solid Oral Leiomyoma: Clinical Case Report

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Abstract : Introduction: Leiomyoma is a benign smooth muscle tumor. It is predominantly found between 40-49 years with a small prevalence in men. It is commonly found in the uterus, stomach, and in areas with smooth muscle. It presents as nodular, solitary, variable size, slow growing, and asymptomatic. It is classified into solid, vascular, and epithelioid leiomyoma. Vascular leiomyoma is the most common in the oral cavity. Oral leiomyomas are very rare because a smooth muscle in the oral cavity isn't common. The most frequent areas of this pathology are tongue, lip, buccal mucosa, and palate. It may be derived from the vascular walls or excretory ducts of the salivary glands. The diagnosis is made by histologically analysis. The treatment of choice is complete excision. Recurrence is rare. Objective: To report the case of a solid leiomyoma on the dorsum of the tongue and review the literature. Case description: A 78-year-old female patient presented a nodular (ovoid) elevation of 8x6mm, brownish color, with irregular limits and firm consistency located in the dorsal part of the tongue with slight symptoms. An excisional biopsy was performed, photographic record, and 3 weeks post-surgical follow-up. Result: The surgical specimen was submitted to an anatomopathological analysis, resulting in a benign nodule with defined limits compatible with solid leiomyoma of the tongue. Discussion: It is a pathology that presents in a solitary, nodular, well-defined, asymptomatic form; in the oral cavity, leiomyomas are found in the tongue, lip, buccal mucosa, and palate; as in our patient, it was nodular and, in the tongue, with a difference only in the symptomatology. The most prevalent age is 40-49 years and with small predominance in men, unlike our female patient with 78 years. Conclusions: Oral leiomyoma is a rare benign lesion that presents as a solitary nodular nodule; for its diagnosis, an anatomopathological analysis should be performed, and the treatment of choice is total excision with little recurrence.

Keywords : tongue, benign tumor, oral leiomyoma, leiomyoma

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