

Solitary plexiform neurofibroma of the buccal region unassociated with neurofibromatosis type 1

Nörofibromatöz tip 1 ile ilişkili olmayan bukkal bölgenin izole pleksiform nörofibromu

Vefa Kınış, M.D.,¹ Musa Özbay, M.D.,¹ Salih Bakır, M.D.,¹ Ayşe Nur Keleş, M.D.²

¹Department of Otolaryngology, Medicine Faculty of Dicle University, Diyarbakır, Turkey

²Department of Pathology, Medicine Faculty of Dicle University, Diyarbakır, Turkey

Neurofibroma is a benign neural tumor. Plexiform type of this tumor is rarely seen in oral cavity in solitary form. In this article, we present an 18-year-old male case with an isolated plexiform neurofibroma localized at buccal region without any other manifestation or family history of neurofibromatosis type 1.

Key Words: Buccal region; neurofibroma; neurofibromatosis; oral cavity; plexiform; solitary.

Nörofibrom, benign nöral bir tümördür. Bu tümürün pleksiform tipi, nadiren tek başına oral kavitede görülmektedir. Bu yazıda nörofibromatöz tip 1'in diğer bulguları veya aile öyküsü olmadan, bukkal bölgede izole olarak ortaya çıkan pleksiform nörofibrom izlenen 18 yaşında erkek bir olgu sunuldu.

Anahtar Sözcükler: Bukkal bölge; nörofibrom; nörofibromatozis; oral kavite; pleksiform; izole.

A neurofibroma is a poorly-circumscribed benign tumor arising from neurons and perineural cells.^[1] The most commonly-affected site is the trunk, followed by head, neck and limbs. Although the head and neck region is often affected^[1] because of diffuse neural innervation of this area,^[2] neurofibromatosis (NF) is rarely seen in the oral cavity. We describe a solitary plexiform neurofibroma of the buccal region in an 18-year-old male with no other manifestation or family history of neurofibromatosis type 1 (NF1) and discuss the importance of differentiating between

solitary and NF1 - associated solitary or multiple neurofibromas.

CASE REPORT

An 18-year-old male was referred to our ear nose throat (ENT) clinic with a mass in the right cheek of approximately 10-12 years' duration. There had been mild pain for six months but no paresthesias or numbness. There was no history of trauma, regression or enlargement in size or any discharge. The mass did not cause any aesthetic problem and was not obvious on inspection. A 3.5x1.5x2 cm