ABSTRACT

Fibroma is a benign and tumor-like growth made up mostly of fibrous or connective tissue mass, with an unusual pattern of growth. This paper reports a case of fibroma in an Egyptian old man with a very bad oral hygiene and hopeless teeth condition.

Keywords: Fibroma; Fibromas; Benign Tumor or Tumor like growth

Introduction
Fibroma can be found anywhere in the body and usually do not require treatment or removal as it is a “tumor-like growth” benign made up mostly of connective tissue mainly fibers. Fibroma develops when uncontrolled cell growth occurs for an unknown reason, or as a result of injury or irritations, which is locally occurred. This paper reports a case of fibroma in an Egyptian old man with a very bad oral hygiene and hopeless teeth condition.

Case Report
A 54-year-old Egyptian man with a fibrotic mass in the inner surface of left cheek was referred to the out patient clinic. Patient complains of pain with itching sensation in inner left check areas of the oral cavity. History reveals that the itching started from a long period of time and the swelling was noticed on 2002 and was gradually increased into present size. The patient's vital signs were recorded as Pulse 66 beats/min, Respiratory Rate 16 cycles/min, Blood pressure 13/90 mmHg, and Body temperature 37.5°C.

Extra-oral examination shows a normal skin color, with facial asymmetry (Figure 1), TMJ with clicking problem and non-palpable lymph nodes. Intra-oral examination reveals normal soft tissues structures as lips, labial and buccal vestibule, floor of the mouse, palate and gingiva. Patient had a very bad oral hygiene with multiple missing and caries affected teeth (Figure 2). On inspection and palpation of oral cavity shows a mass in the inner surface of left cheek (Figure 3). The mass was of 2.4cm X 1.3cm in size, located on inner surface of left cheek below Wharton’s duct, with regular smooth surface with pale pink color. On palpation it was firm and non-tender. Under local anesthesia excisional biopsy was done and the histopathological finding confirmed the diagnosis of fibroma. The post operative healing was uneventful (Figure 4). The oral rehabilitation was achieved by total extraction followed by complete denture fabrication (Figure 5).

Discussion
Fibroma develops when uncontrolled cell growth occurs for an unknown reason, or as a result of injury or irritations which is locally occur, so the cause of the fibroma should be treated before decision take place to remove a mass. The main symptom is the presence of a small mass, which may or may not be tender. Patients complain of itchy or sensitive to the touch, and the color may change over time. If it is irritated or damaged, it may bleed as it has a raised surface. Fibromas are harmless, and treatment is not necessary required except in cases patient needs. Based on the clinical and signs and symptoms a provisional diagnosis of fibroma was made and excisional biopsy of the lesion was done under local anesthesia. The post-operative healing was uneventful. Histological investigation of the biopsy specimen confirms the diagnosis as fibroma. The oral rehabilitation was achieved by total extraction and the fabrication of complete denture.

Conclusions
In conclusion all growth in the oral cavity has to be treated with care, until its histologically proven to be benign.

Authors Affiliations
Shady A. M. Negm BDS, Pharos University, Alexandria, Egypt, Diploma of Clinical Implant, Seville University, Spain, Professional Diploma of Infection Control from Oxford College, UK.
Unusual pattern of growth in buccal mucosa - Fibroma

Figure 1. Extra oral view, Figure 2. Intraoral view, Figure 3. Intra oral view with mass, Figure 4. Inner surface of left cheek after surgical removal of a fibroma, Figure 5. complete denture.

References

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Address for correspondence
Shady AM Negm
Bachelor’s Degree School of Dentistry, Pharos University, Alexandria, Egypt.
Diploma of Clinical Implant from Seville University, Spain
Professional Diploma of Infection Control from Oxford College, UK.
Email: smngm@msn.com

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