

Clinical Views Showing a Severe Gingival Enlargement in A 14-Year-Old Girl

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Rec date: April 8, 2015; Acc date: April 10, 2015; Pub date: April 15, 2015

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Case Description

A 14-year-old young girl reported to Vananchal Dental College and Hospital with concerns regarding her enlarged gingiva. The gingiva had started increasing in size since last six years. Many of her permanent teeth were erupting behind schedule while many teeth were covered to two third of their surface. No familial history for the condition was revealed. The gingival enlargement resulted in both esthetic and functional problems. Malpositioning of teeth, prolonged

retention of primary dentition, delayed eruption, prominent lips, and open lip posture was observed. A diagnosis of hereditary gingival fibromatosis (HGF) was made. HGF is a rare autosomal dominant disease (Figure 1). There appears to be a controversial view on the role of inflammation in the progression of the condition in genetically susceptible individuals. Treatment involves surgical excision with a high rate of occurrence.



Figure 1: Clinical views showing a severe gingival enlargement in a 14-year-old girl. The patient has difficulties closing his lips because of the protrusion of the enlarged tissue. The enlargement covers more than two-thirds of the clinical crowns of many teeth.