

Interdisciplinary Management of Generalized Aggressive Periodontitis

Generalized, Stage III, Grade C periodontitis

■ Surgical treatment by **Stephanie Koo, DMD**



An 18-year-old African American female patient presented for a comprehensive periodontal evaluation prior to orthodontic treatment. (Fig. 1 and 2) Extra-oral evaluation revealed severe overjet and overbite with incompetent lip form at rest. (Fig. 3) The initial full mouth periodontal examination revealed inflamed gingiva with generalized deep probing pocket depth (PD) around 5-11 mm with bleeding on probing (BoP) on 100% of the sites, mobility and pathological migration of anterior teeth.






Patient received full mouth scaling and root planing over two appointments at one-week interval. Beginning the first SRP appointment, systemic antibiotics (Amoxicillin 500mg and Metronidazole 500mg, three times a day for 7 days) were prescribed and oral hygiene instructions were given. After healing period and periodontal re-evaluation, access flap surgery with some osseous modification was completed in all four quadrants. (Fig. 4 and 5) After stabilization of periodontal health that was achieved, orthodontic treatment was initiated with strict supportive periodontal therapy performed every 4 weeks. (Fig. 6)



After 9 months of orthodontic treatment, retainer wires were placed on the palatal/lingual surfaces of the anterior teeth. Patient is in routine supportive periodontal therapy every 3 months for continued monitoring of incisors and first molars. Competent lip form at rest was achieved and patient was very satisfied with the treatment outcome. (Compare Fig. 1-3 to Fig 7-9.)



Fairfield County Implants & Periodontics
Dr. Michael Sonick, Dr. Rui Ma, Dr. Stephanie Koo & Associates
Creating Beautiful Healthy Smiles for a Lifetime

1047 Old Post Road 
 Fairfield CT 06824
 203-254-2006 
 office@sonickdmd.com 
 www.sonickdmd.com 