

## **P-21 Application of Minor Tooth Movement in Slowly Progressive Periodontitis treatment**

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### **Introduction**

Periodontal patients who have experienced drifting, migration, extrusion, flaring and tooth loss may require adjunctive orthodontic treatment. The goals of adjunctive orthodontic treatment are to facilitate restorative treatment by repositioning the teeth so that more ideal and conservative techniques can be used, to improve the periodontal health by eliminating plaque-harboring areas, to establish favourable crown root ratio and position the teeth so that occlusal forces are transmitted along the long axes.

### **Case report**

Case 1. Spacing and drifting on Mx. anterior teeth with severe periodontal tissue breakdown

Case 2. Mesial tilting and angular bony defect on both Mn. second molar due to early missing of first molar

Case 3. Mesial tilting and angular bony defect on Mn. Rt. third molar due to early missing of second molar

### **Conclusion**

We report the favorable approach to treat pathologically migrated teeth such as diastema and malposition of upper anterior teeth, mesial tilting of molar teeth in slowly progressive periodontitis. After the initial periodontal therapy including scaling and root planing, minor tooth movement was performed. As presented in above cases, we achieved a better results in periodontal treatment and esthetics prosthesis by application of minor tooth movement.