Single Arch Treatment in Class II Div 1 Malocclusion


1. Registrar of Orthodontics, Islam Dental College, Sialkot

2. Prof. of Orthodontics, de;Montmorency College of Dentistry

3. Asstt. Prof. of Orthodontics, Islam Dental College, Sialkot

4. Assoc. Prof., Comset University, Lahore
5. Asstt. Prof. of Orthodontics, FMDC, Lahore

{Original Article (Dentistry)}
ABSTRACT

Objective: Orthodontic treatment can improve mastication, speech and appearance, as well as overall health, comfort, and self-esteem. However, like many other interventions, orthodontic treatment has inherent risks and complications. Best way to avoid orthodontic treatment complications is to stay away from orthodontic appliances. Thus, if correcting malocclusion is to be of benefit, the advantages it offers should outweigh any possible damage. It is also important to implement risk control procedures during and after orthodontic treatment. Patient selection always plays a vital role in minimizing risks. In this article two cases illustrate the effective treatment in class 2 div 1 malocclusion with single arch treatment. This approach may reduce risk of orthodontic treatment.

Study Design: Observational Study

Place and Duration of Study: This study was conducted at the Orthodontics Dept., Islam Dental College, Sialkot.

Materials and Methods: She 22 year old female having history of thumb sucking presented with class II incisors, canines and molars relationship on skeletal class II bases and convex profile. She also have anterior dental open bite with low vertical skeletal relationship (pre-treatment photographs a-f). All teeth are erupted except 3rd molars at (OPG) (Pre-treatment radiographs I). Cephalometrically Skeletal class 2 with low angle and bimaxillary dental proclination (Pre-treatment radiographs j).
**Conclusion:** Single arch treatment can be use in selected class 2 cases, where lower arch can be accepted as such, which can give maximum wanted effects of esthetic and function with minimum treatment.

**Key Words:** Class 2 div I Malocclusion, Over jet, over bite.

**REFERENCES**

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