

Finishing Check: Lists During and after Orthodontic Treatment

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ABSTRACT

Background: Maintaining the treatment sequence and achieving the best result during orthodontic treatment is one of the most difficult aspects of the entire treatment process. Beginning from the bracket placement phase to the retention phase any error will affect the result and long-term stability. This article discusses the checklist which should be followed to achieve the optimum result. Orthodontic practitioners should be familiar with the sequence, correction and maintenance followed at each stage.

Keywords: Retainers, Occlusion, Finishing.

INTRODUCTION

At Appliance Placement¹⁻²

Check:

- Bracket positions in all planes of space
- For excess adhesive and remove
- Reinforce appliance care message

Oral Hygiene¹⁻³

- Plaque levels
- Watch for non carious tooth surface loss
- Oral hygiene care message

Gingival Condition¹

- Colour
- Bleeding
- Texture

TMJ^{1,3}

- Clicks
- Mouth opening
- Excursions
- Pain

Alignment and Leveling phase¹

- Alignment
 - First order

- Rotations
- Incisal edge alignment
- Angulations
- Marginal ridges
 - Fully correct/overcorrect all rotations
- Carry out 1st phase reproximation if desired
- Bracket Slot-level line-up

Space closure or Active correction phase^{1,4}

- Space closure
- Torque
 - Anterior
 - Posterior
- Overbite
- Overjet
- Buccal segment relationship
- Centric relation-Centric occlusion discrepancy
- Occlusal guidance scheme
- Root paralleling

Finishing and detailing phase^{1,3,4}

- Fully torque/over torque roots of teeth originally displaced from alveolar housing

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- develop interdigitation
- Adjust crown shape
 - Crown length
 - Crown width
- Reproximation 2nd phase
 - Crown form
 - Gingival surgery
 - Gingival form
 - Pericision

Pre- debonding phase¹

- All goals achieved
- Bone levels
- Root resorption
- Third molars

Debonding phase

- Removal of all the attachments from the tooth surface
- Removal of composite
- Enamel care, if necessary placement of fluoride varnish

Post- Debonding phase

- Permanent Replacement of all the missing teeth in the extraction or missing teeth space if necessary

During Retention⁴

- Check retainer wear
- Check tightness of contacts with dental floss
- Reproximation 3rd phase, if necessary

- Monitor eruption of third molars

CONCLUSION

Orthodontic treatment requires evaluation and checklist during each stage of the treatment. Checklist can be evaluated with different aids like pre-finishing photographs, dental cast, lateral cephalogram, OPG, IOPAR of upper and lower anterior teeth. It will help in monitoring patients' progress throughout treatment.

CONFLICT OF INTEREST

No potential conflict of interest relevant to this article was reported.

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