

Outstanding esthetics and record breaking toughness for long term temporaries.

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Diagnosis and treatment planning: A patient with failing natural dentition in the maxillary arch desired stabilization and improvement. The treatment plan called for a full arch provisional restoration made from 3M™ Protemp™ 4 Temporization Material. After one year, the stain layer was lost, but the full arch provisional showed long lasting physical performance.



Fig. 1: Initial situation.



Fig. 2: Initial clinical situation showing the failing existing dentition.



Fig. 3: Initial clinical situation. Occlusal view.

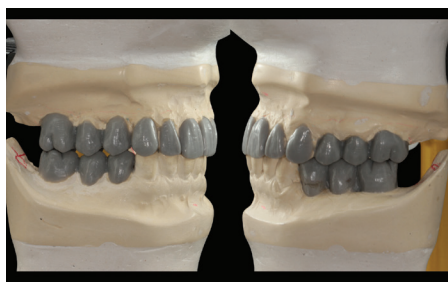


Fig. 4: Diagnostic wax-up on the articulator.



Fig. 5: Diagnostic wax-up ready to duplicate for fabricating the provisional restorations.



Fig. 6: Vacuum formed matrix ready to use for direct provisional restorations.

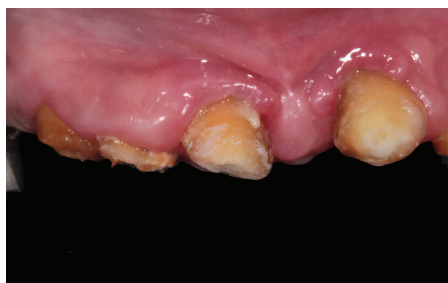


Fig. 7: Natural tooth abutments after clean up and prosthetic reduction.



Fig. 8: Occlusal view of remnant tooth abutments.

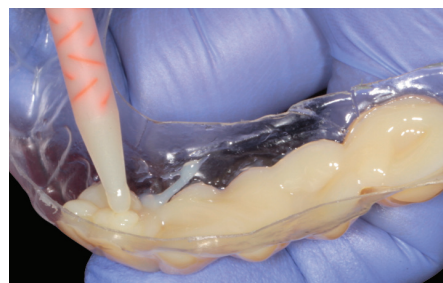


Fig. 9: 3M™ Protemp™ 4 Temporization Material application into the matrix for direct provisional restorations.

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Fig. 10: Full arch – 3M™ Protemp™ 4 temporary restoration after finishing and polishing.



Fig. 11: Occlusal view of 3M™ Protemp™ 4 full arch temporary restoration.



Fig. 12: Occlusal view of full arch temporary restoration in place.



Fig. 13: Final patient portrait with provisionals.



Fig. 14: Full arch temporary restoration one year later showing loss of stain layer.



Fig. 15: Full arch temporary 3M™ Protemp™ 4 bridge in place after several relinings.



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