

Replacement of an all-ceramic crown: Dual-arch bite impression technique using 3M™ Impregum™ Super Quick Polyether Impression Material

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About the Case:

Patient with a chipped all-ceramic crown on second molar: Impression made with 3M™ Impregum™ Super Quick Polyether Impression Material (Medium and Light Body) using the dual-arch bite impression technique.



Initial situation: Patient arrived with a largely chipped veneered zirconia crown on second lower molar.



3M™ Astringent Retraction Paste was used for moisture management and slight displacement of gingiva.



For single-unit indications, the dual-arch bite impression technique is a viable alternative to full-arch impressions. 3M™ Impregum™ Super Quick Light Body Polyether Impression Material was applied using 3M™ Intra-oral Syringe Purple.



In parallel, the tray was loaded with 3M™ Impregum™ Penta™ Super Quick Medium Body Polyether Impression Material. The impression was done in the dual-arch bite (closed mouth) impression technique.



Final situation: Precisely fitting monolithic 3M™ Lava™ Esthetic Fluorescent Full-Contour Zirconia restoration in situ. The crown was cemented with 3M™ RelyX™ Unicem 2 Self-Adhesive Resin Cement.