

Prodenco

Dental Labs **Group**

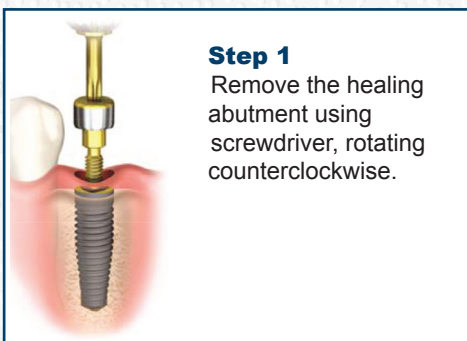
Implant Impression Techniques CLOSED TRAY QUICK GUIDE



Closed Tray Indication:

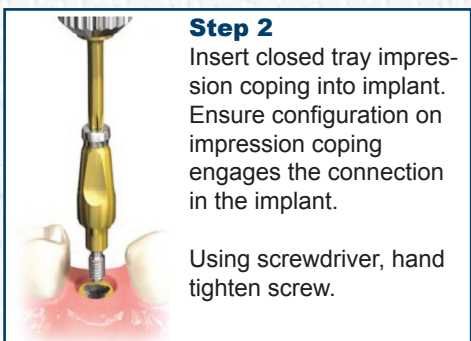
Limited inter-arch space; difficult access in the posterior region of mouth.

If asking for impression copings, Prodenco will provide closed tray copings unless open tray is requested.



Step 1

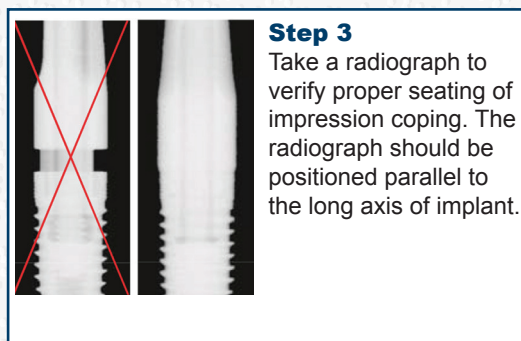
Remove the healing abutment using screwdriver, rotating counterclockwise.



Step 2

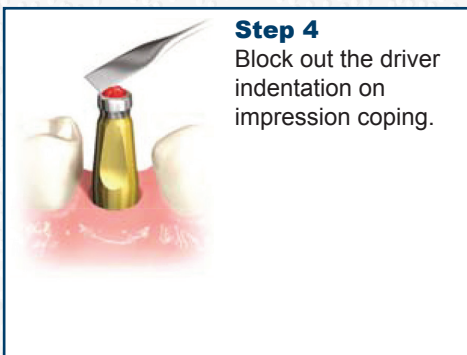
Insert closed tray impression coping into implant. Ensure configuration on impression coping engages the connection in the implant.

Using screwdriver, hand tighten screw.



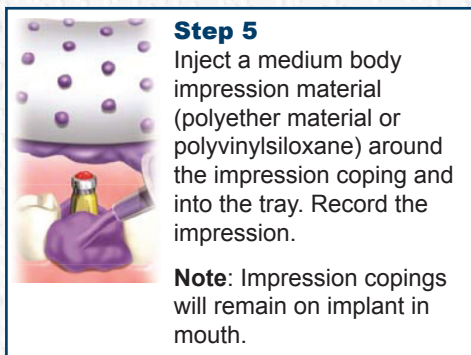
Step 3

Take a radiograph to verify proper seating of impression coping. The radiograph should be positioned parallel to the long axis of implant.



Step 4

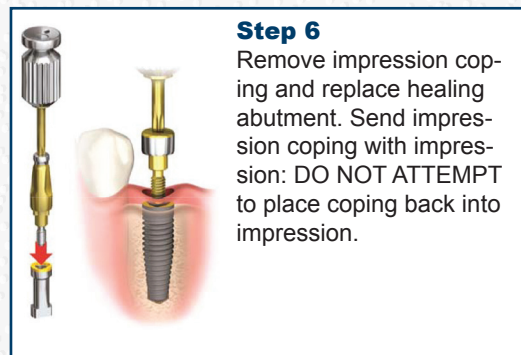
Block out the driver indentation on impression coping.



Step 5

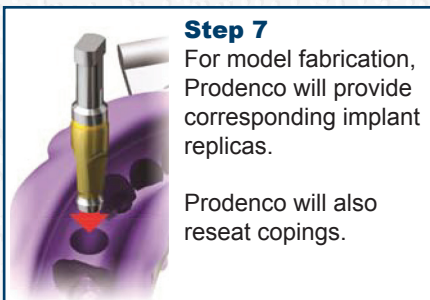
Inject a medium body impression material (polyether material or polyvinylsiloxane) around the impression coping and into the tray. Record the impression.

Note: Impression copings will remain on implant in mouth.



Step 6

Remove impression coping and replace healing abutment. Send impression coping with impression: **DO NOT ATTEMPT** to place coping back into impression.



Step 7

For model fabrication, Prodenco will provide corresponding implant replicas.

Prodenco will also reseat copings.

Common Causes for Retakes:

Distorted impression: To prevent distortion, stabilize the tray while material is setting, making sure to follow manufacturer's setting time and temperature.

Voids & bubbles: Use enough material and keep tip submerged while extruding material.

Insufficient capture of detail around coping: Syringe material without creating air bubbles around copings by keeping mix tip submerged.

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