

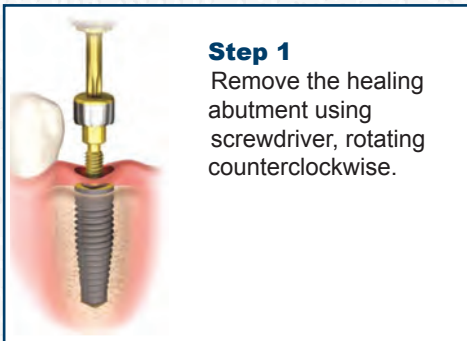
## Implant Impression Techniques CLOSED TRAY QUICK GUIDE



### Closed Tray Indication:

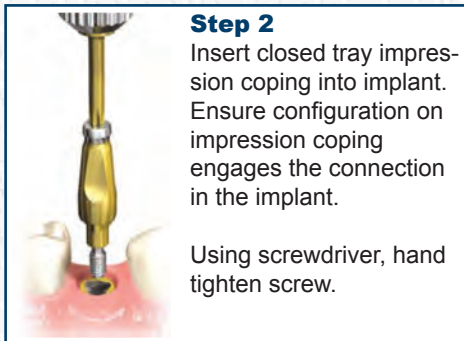
Limited inter-arch space; difficult access in the posterior region of mouth.

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



#### Step 1

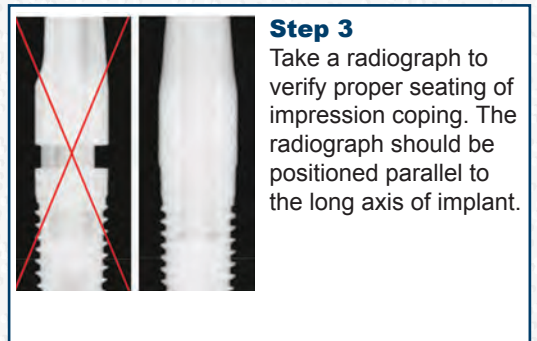
Remove the healing abutment using screwdriver, rotating counterclockwise.



#### Step 2

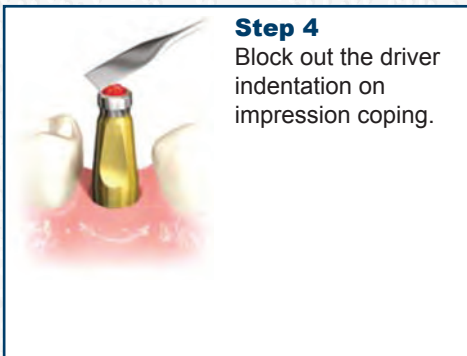
Insert closed tray impression coping into implant. Ensure configuration on impression coping engages the connection in the implant.

Using screwdriver, hand tighten screw.



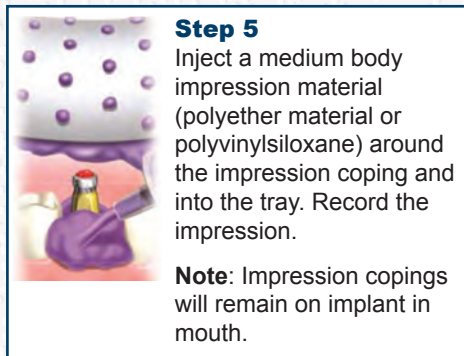
#### Step 3

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



#### Step 4

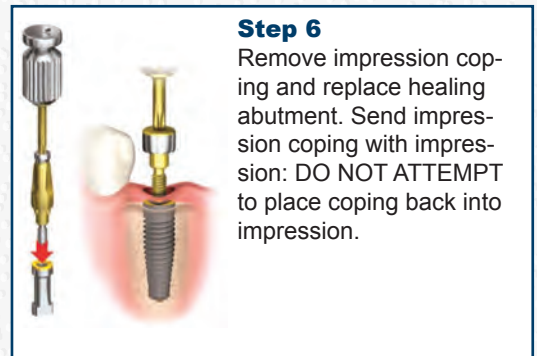
Block out the driver indentation on impression coping.



#### Step 5

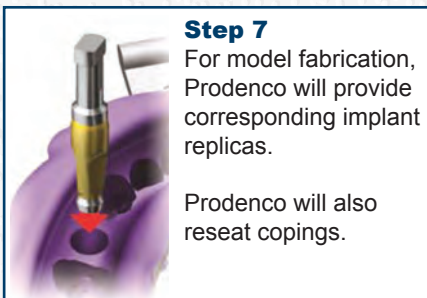
Inject a medium body impression material (polyether material or polyvinylsiloxane) around the impression coping and into the tray. Record the impression.

**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.

#### PROFESSIONAL DENTAL COMPANY

611 Omaha Street  
P.O. Box 1257  
Sioux City, Iowa 51102  
712-252-4034 • 800-831-0936  
Fax 712-252-3037

#### JAEGER DENTAL COMPANY

2218 West 2nd Street  
P.O. Box 4908  
Grand Island, NE 68802  
308-382-0235 800-289-3525  
Fax 308-382-2208

#### BILLINGS DENTAL LABORATORY

1407 N. 203rd Street  
Elkhorn, NE 68022-1771  
402-551-5954 • 800-747-5441  
Fax 402-551-0498