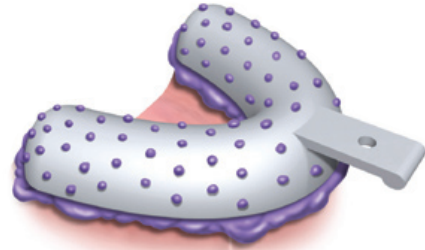


# IMPLANT Impression Techniques

## Closed Tray Indication:

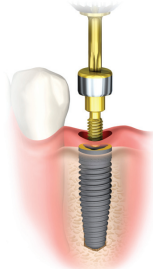
Limited inter-arch space; difficult access in the posterior region of the mouth

If asking for impression copings, Edmonds Dental Prosthetics will provide closed tray copings unless open tray is requested.



### Step 1

Remove the healing abutment using a screwdriver and rotating counter clockwise.



### Step 2

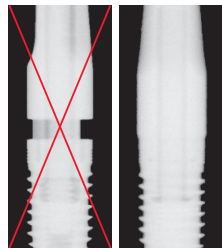
Insert closed tray impression coping into implant. Ensure configuration on impression coping engages the connection in the implant.

Using screwdriver, hand tighten the 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

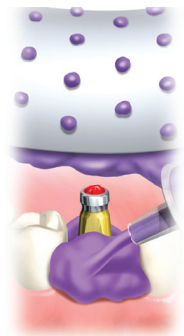
Block out the driver indentation on impression coping.



### Step 5

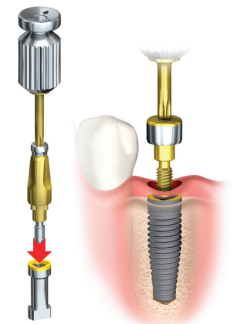
Inject a medium body impression material (polyether material or polyvinylsiloxane) around the impression coping and into the tray. Record the impression.

Note: Impression copings will remain on implant in mouth.



### Step 6

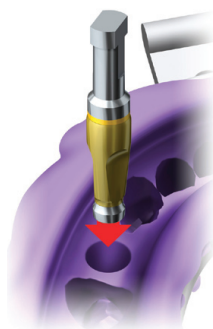
Remove impression coping and replace healing abutment. Send impression coping with impression: **Do not attempt** to place coping back into impression.



### Step 7

For model fabrication, Edmonds will provide corresponding implant replicas.

Edmonds will also reseal copings.



## Common Reasons 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.

**We Are Here To Help**



**P: 417.881.8572**

**P: 800.462.3669**

**edmondsdentalprosthetics.com**