CLOSED TRAY PICK-UP TECHNIQUE USING THE SNAP COPING

Use this technique to make a single or multiple-unit, implant-level impression for the fabrication of a working model utilizing a closed-tray, direct pick-up impression technique. Choose the emergence that matches the emergence of the healing abutment (narrow, regular or wide). This procedure creates a model that represents the exact position of the implant, the orientation of the hex and the soft tissue profile.

1. **Remove healing abutment**
   Remove the healing abutment using an .050” (1.25mm) hex driver. Confirm the implant prosthetic platform is free of any bone debris or soft tissue. The emergence of the impression coping should match the emergence of the healing abutment and the intended final abutment (narrow, regular or wide). If a custom cast abutment is planned, the final abutment emergence will be determined by the lab.

2. **Place the impression coping**
   Snap the snap coping onto the implant. If the snap coping is too tall it may be modified in height by removing the top flange. If the flanges prevent the coping from seating completely, the coping can be oriented with a different hex flat or the flanges can be modified slightly. Take a radiograph along the long axis of the implant to ensure that the impression coping is seated completely into the hex of the implant.

3. **Make a full-arch impression**
   Syringe a medium or heavy body impression material around and over the snap coping. Load the tray with impression material and make the impression. After the impression material has set, remove the tray from the mouth. The snap coping will be picked up in the impression and remain embedded. Verify the impression material is completely adapted around the snap coping. Replace the healing abutment immediately to prevent soft tissue collapse over the implant.

Fabricate a working model in minimal expansion, high hardness die stone. Articulate according to normal laboratory procedures.

Send to Lab:
- Bite Registration
- Impression with Snap Coping inside
- Implant Analog
- Opposing model or impression
- Shade selection
CLOSED TRAY TECHNIQUE USING THE 3INONE ABUTMENT/BALL-TOP SCREW

Use this technique to make a single or multiple-unit, implant-level impression for fabrication of a working cast utilizing a closed-tray, indirect transfer method. This procedure creates a model that represents the exact position of the implant and the orientation of the hex and the soft tissue profile.

1. **Remove the healing abutment**
   Remove the healing abutment using an .050” (1.25mm) hex driver. Confirm the implant prosthetic platform is free of any bone debris or soft tissue.

2. **Place the 3inOne abutment**
   Seat the 3inOne abutment and secure using the ball-top screw. Hand tighten. If practical, orient the long flat side of the abutment to the facial for easier indexing. Take a radiograph along the long axis of the implant to ensure that the 3inOne abutment is seated completely into the hex of the implant.

3. **Block out the hex**
   Block out the hex hole on top of the the ball top assembly using a material of choice.

4. **Make a full-arch impression**
   Syringe a medium or heavy body impression material around and over the 3inOne abutment and ball top assembly. Load the tray with impression material and make the impression. After the impression material has set, remove the tray from the mouth. The 3inOne abutment/ball top screw will remain in the mouth. Remove the abutment/screw assembly and replace the healing abutment immediately to prevent soft tissue collapse over the implant.

Lab Steps

1. **Assemble the coping and analog**
   Attach the 3inOne abutment using the appropriate diameter implant analog using the ball-top screw.

2. **Index the copings**
   Index the coping into the impression by inserting the coping assembly into the corresponding location in the impression. Orient the 3inOne abutment using the long flat.

3. **Make a soft tissue model**
   Verify that the coping and analog assembly is seated properly and completely. Apply lubricant where the soft tissue replica material is to be applied. Syringe a soft tissue replica material around the analog.

4. **Fabricate the stone model**
   Fabricate a working cast and articulate according to standard laboratory procedures.

Send to Lab:

- Impression
- Implant Analog
- Bite Registration
- 3inOne/Ball-top Screw combo
- Abutment Screw (comes with 3inOne)
- Opposing model or impression
- Shade selection
CLOSED TRAY TECHNIQUE USING THE INDIRECT SCOOP COPING

Use this technique to make a single or multiple-unit, implant-level impression for fabrication of a working cast utilizing a closed-tray, indirect transfer method. Choose the emergence that matches the emergence of the healing abutment (narrow, regular or wide). This procedure creates a model that represents the exact position of the implant and the orientation of the hex and the soft tissue profile.

Send to Lab:

- Impression
- Implant Analog
- Indirect Transfer Coping w/Coping Screw
- Opposing model or impression
- Bite Registration
- Abutment and Screw (if selected)
- Shade selection

Lab Steps

① Assemble the analog
Attach the indirect scoop coping using the appropriate diameter implant analog using the coping screw.

② Index the coping
Index the coping into the impression by inserting the coping assembly into the corresponding location in the impression. Orient the indirect scoop coping using the corresponding indices in the impression.

③ Make a soft tissue model
Verify that the coping and analog assembly is seated properly and completely. Apply lubricant where the soft tissue replica material is to be applied. Syringe a soft tissue replica material around the analog.

④ Fabricate the stone model
Fabricate a working model in minimal expansion, high hardness die stone. Articulate according to normal laboratory procedures.
Use this technique to make a single or multiple-unit, implant-level impression for fabrication of a working model utilizing an open tray*, direct pick-up method when a narrow, regular, or wide emergence healing abutment was used. Choose the emergence that matches the emergence of the healing abutment that was used. The procedure creates a model that represents the exact position of the implant and the soft tissue profile.

1. **Remove healing abutment**
   Remove the healing abutment using an .050" (1.25mm) hex driver. Confirm that the implant’s prosthetic platform is free of any bone debris or soft tissue. The emergence of a hexed impression coping should match the emergence of the healing abutment and the intended final abutment (narrow, regular or wide). If a custom cast abutment is planned, the emergence will be determined by the lab prescription.

2. **Place pick-up coping**
   Place the appropriate diameter direct pick-up coping (hexed or non-hexed) on the implant body and retain using the corresponding direct pick-up coping screw. Hand tighten. These screws feature a knurled top to aid in manual insertion, as well as an .050" (1.25mm) hex access hole for insertion using the hex driver. Take a radiograph along the long axis of the implant to ensure that the impression coping is seated completely into the hex of the implant.

3. **Verify screw/tray clearance**
   Try in the custom impression tray or modified stock tray to verify that the coping screw protrudes through the tray without interference.

4. **Make full-arch impression**
   Syringe a medium or heavy body impression material around the coping body, leaving the screw exposed. Load the tray with impression material and make the impression. Before the material sets, use your finger to wipe the impression material from the top of the screw so it is exposed for access.

5. **Remove impression from mouth**
   After the impression material has set, remove the coping screws by hand or using an .050" (1.25mm) hex driver, and remove the tray from the mouth. Verify the impression material is completely adapted around the pick-up copings. Replace the healing abutment immediately to prevent soft tissue collapse over the implant.

### Send to Lab:
- Opposing model or impression
- Coping Screw
- Shade selection
- Impression with Coping inside
- Abutment and Screw (if selected)
- Implant Analog
- Bite Registration

### Lab Steps:
1. **Attach analog to coping**
   Attach the appropriate diameter implant analog to the direct pick-up coping in the impression and insert the long coping screw through the access hole in the impression tray. Hand tighten.

2. **Create soft tissue model**
   Verify the coping and analog assembly are properly connected. Apply lubricant where the soft tissue replica material is to be applied. Syringe a soft tissue replica material around the analog.

3. **Fabricate working cast**
   Fabricate a working model in minimal expansion, high hardness die stone. Articulate according to normal laboratory procedures.