

Internal tri-channel connection impression techniques – implant level

Quick guide

The steps outlined in this guide are for use with the following implants: NobelReplace® Tapered, NobelReplace® Straight, NobelReplace® Platform Shift, NobelSpeedy® Replace, Replace Select™, and Replace Select™ PMC.

This quick guide does not replace the instructions for use (IFU). Please review the instructions for use included with the products.

Indications

- After a one-stage procedure when indexing of the implant position is desired at the time of implant placement.
- After a two-stage procedure when a healing abutment or temporary restoration has been in place and the soft tissue has healed.

Closed tray instructions

Step 1

- Remove the Healing Abutment NobelReplace using Screwdriver Unigrip and by rotating it counterclockwise.

Step 2

- Insert the closed tray impression coping into the implant. Ensure that the tri-channel configuration on the impression coping engages the tri-channel connection in the implant.
- Use the Screwdriver Unigrip and hand tighten the screw.
- Or
- Use the Plastic Impression Coping Closed Tray for NobelReplace, intended for single units and short-span bridges with parallel implants. Single use only.
- Align the lobes of the impression coping with the internal tri-channels and push the impression coping firmly into place. Verify the correct seating. Skip to Step 4.

Step 3

- Take a radiograph to verify proper seating of the impression coping. For the correct radiograph seating, see example to the right, image 3.

Step 4

- Block out the Unigrip driver indentation on the impression coping.

Step 5

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

Step 6

- Remove the block-out material from the Unigrip driver indentation on the impression coping.
- Remove the impression coping and replace the healing abutment. For model fabrication, you or your dental laboratory should provide corresponding implant replicas.
- Attach the impression coping onto the corresponding implant replica and ensure accurate seating.

Step 7

- Place the impression coping implant replica assembly into its corresponding location in the impression and send to the dental laboratory for model fabrication.



Open tray instructions

Step 1

- Remove the Healing Abutment NobelReplace using Screwdriver Unigrip and by rotating it counterclockwise.

Step 2

- Place the open tray impression coping into the implant. Ensure that the tri-channel configuration on the impression coping engages the tri-channel connection in the implant.
- Tighten the guide pin using the Screwdriver Unigrip.
- Verify proper seating of the impression coping.

Step 3

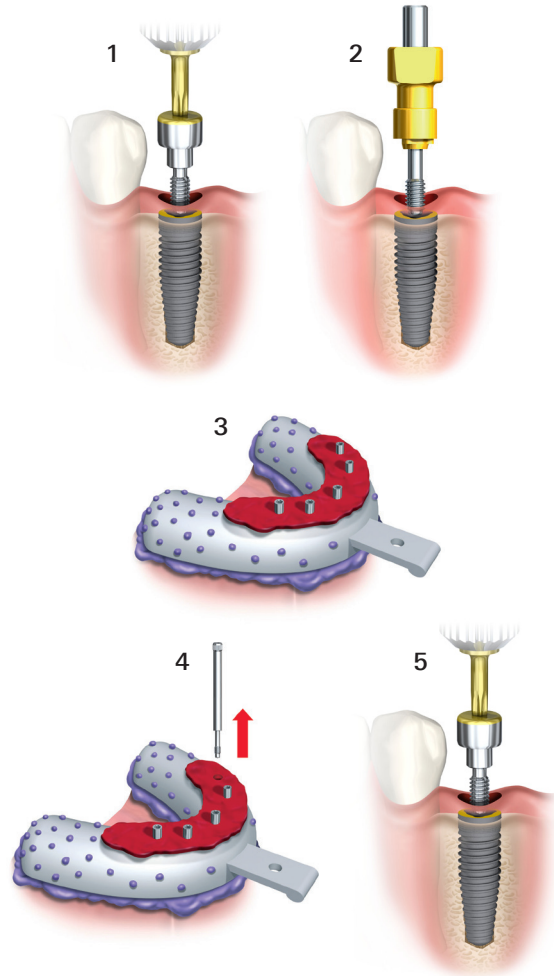
- Relieve and perforate the impression tray to allow full seating of the tray and protrusion of the guide pins. If there is a large opening, it may be closed off using baseplate wax, with the guide pins indenting or perforating the wax.
- Inject impression material around each impression coping.
- Fill the tray with impression material and seat the impression tray fully so that the tips of all the guide pins are identified.

Step 4




- After the impression material has set, unscrew the guide pins.
- Remove the impression tray and send to the dental laboratory, including the guide pins. For model fabrication, corresponding implant replicas should be provided by you or your dental laboratory.




Step 5

- Replace the healing abutment.



Materials for use with the tri-channel connection closed or open tray impression technique

Description	Item number
 Screwdrivers	
Screwdriver Manual Unigrip 20mm	29148
Screwdriver Manual Unigrip 28mm	29149
Screwdriver Manual Unigrip 36mm	29150
 Impression Coping (closed tray)	
Impr Cop Ci Tr NobelReplace NP Ø 3.5mm	33537
Impr Cop Ci Tr NobelReplace NP Ø 4.5mm	33470
Impr Cop Ci Tr NobelReplace RP Ø 4.3mm	33540
Impr Cop Ci Tr NobelReplace RP Ø 5.3mm	33471
Impr Cop Ci Tr NobelReplace WP Ø 5mm	33472
Impr Cop Ci Tr NobelReplace WP Ø 6mm	29494
Impr Cop Ci Tr NobelReplace 6.0 Ø 6mm	30040
Impr Cop Ci Tr NobelReplace 6.0 Ø 7mm	33473
 Low Profile Impression Coping (closed tray)	
Impr Cop Ci Tr Low Profile NobelReplace NP Ø 3.5mm	33538
Impr Cop Ci Tr Low Profile NobelReplace NP Ø 4.5mm	33474
Impr Cop Ci Tr Low Profile NobelReplace RP Ø 4.3mm	33541
Impr Cop Ci Tr Low Profile NobelReplace RP Ø 5.3mm	33475
Impr Cop Ci Tr Low Profile NobelReplace WP Ø 5mm	33476
Impr Cop Ci Tr Low Profile NobelReplace WP Ø 6mm	32178
Impr Cop Ci Tr Low Profile NobelReplace 6.0 Ø 6mm	32179
Impr Cop Ci Tr Low Profile NobelReplace 6.0 Ø 7mm	33477

Description	Item number
 Plastic Impression Coping (closed tray)	
Impr Cop Ci Tr Plastic NobelReplace NP Ø 3.5mm	35390
Impr Cop Ci Tr Plastic NobelReplace NP Ø 4.5mm	35395
Impr Cop Ci Tr Plastic NobelReplace RP Ø 4.3mm	35406
Impr Cop Ci Tr Plastic NobelReplace RP Ø 5.3mm	35396
Impr Cop Ci Tr Plastic NobelReplace WP Ø 5mm	35397
Impr Cop Ci Tr Plastic NobelReplace WP Ø 6mm	35391
Impr Cop Ci Tr Plastic NobelReplace 6.0 Ø 6mm	35394
Impr Cop Ci Tr Plastic NobelReplace 6.0 Ø 7mm	35399
 Impression Coping (open tray)	
Impr Cop Op Tr NobelReplace NP Ø 3.5mm	29485
Impr Cop Op Tr NobelReplace NP Ø 4.5mm	33466
Impr Cop Op Tr NobelReplace RP Ø 4.3mm	33539
Impr Cop Op Tr NobelReplace RP Ø 5.3mm	33467
Impr Cop Op Tr NobelReplace WP Ø 5mm	33468
Impr Cop Op Tr NobelReplace WP Ø 6mm	29493
Impr Cop Op Tr NobelReplace 6.0 Ø 6mm	30039
Impr Cop Op Tr NobelReplace 6.0 Ø 7mm	33469
 Implant Replica	
Implant Replica NobelReplace NP	29498
Implant Replica NobelReplace NP 20/pkg	29499
Implant Replica NobelReplace RP	29500
Implant Replica NobelReplace RP 20/pkg	29501
Implant Replica NobelReplace WP	29502
Implant Replica NobelReplace WP 20/pkg	29503
Implant Replica NobelReplace 6.0	29995