Impression techniques, implant level – for conical connection implants

Closed tray and open tray quick guide

NobelActive® – NobelReplace® Conical Connection

This Quick Guide does not replace the Instructions for Use. Please review the instructions for use included with the products.

Product images are not necessarily to scale. In order to improve readability, Nobel Biocare does not use TM® in running text. In so doing, however, Nobel Biocare does not waive any right to the trademark or registered mark and nothing herein shall be construed to the contrary. Nobel Biocare, the Nobel Biocare logotype and all other trademarks are, if nothing else is stated or is evident from the context in a certain case, trademarks of Nobel Biocare.

Closed tray instructions

**Step 1**
– Remove the Healing Abutment Conical Connection using Screwdriver Unigrip and by rotating it counterclockwise.

**Step 2**
– Insert the closed tray impression coping into the implant. The impression coping is designed so that the guide pin threads will not engage the implant thread unless the impression coping is seated correctly. Ensure that it’s fully engaged into the internal connection and does not rotate.
– Use the Screwdriver Unigrip and hand tighten the screw.

**Step 3**
– To verify proper seating of the impression coping, ensure that the radiographic seating groove on the impression coping is level to the implant shoulder. Use a perpendicular radiograph to confirm. See example to the right.

**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.

**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.
Impression techniques, implant level – for conical connection implants // Closed tray and open tray quick guide // NobelActive® and NobelReplace® Conical Connection

Open tray instructions

Step 1
– Remove the Healing Abutment Conical Connection using Screwdriver Unigrip and by rotating it counterclockwise.

Step 2
– Insert the open tray impression coping into the implant. The impression coping is designed so that the guide pin threads will not engage the implant thread unless the impression coping is seated correctly. Ensure that it’s fully engaged into the internal connection and does not rotate.
– 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.