

TRANSFER IMPRESSION PROCEDURE (CLOSED TRAY)

Technical bulletin from National Dentex
For more information, please call 800.678.4140

- If necessary, first verify diameter of prosthetic top of implant and flair of healing abutment.
 - Remove healing abutment with proper size driver and immediately place transfer impression coping.
 - Partially hand-screw the guide pin into the implant with impression coping driver. Rotate impression coping until you feel the hex engage, and then tighten the guide pin impression coping driver until snug. Do not over tighten guide pin.
- Make radiograph of implant/impression coping junction. (The film should be positioned parallel to the long axis of the implant with patient holding the film with hemostat.)
- From developed radiograph, verify seat of impression coping, then tighten guide pin with impression coping driver.
- An assistant paints tray with adhesive, and allows to dry.
- Syringe medium- or heavy-body impression material around impression coping, then fill tray with same material. (We prefer vinyl polysiloxane or polyethers impression materials.)
 - Seat impression tray.
- When impression material is set, remove impression tray and inspect impression. (If impression is inadequate, retrieve impression coping from impression and repeat.)
- Unscrew impression coping, then place healing abutment back on appropriate implant. (If more than one in mouth, place one at a time.)
- Return transfer coping into the appropriate position in the impression. If there is more than one coping, be sure to place each one back into the correct tooth position, as there may be a slight difference in each impression coping.
- Once coping is back in the impression, check that it fits snugly. If there is any movement, the impression will need to be retaken.
- Send impression with coping pin and radiograph to your local lab.

