

Seating Implant Components

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

- Verify the rotation of the abutment on an implant master model. (We will mark either the buccal or the lingual of the abutment so that you can match the correct rotation in the mouth.) If there is more than one abutment, we will also number the abutments; however, you must place the abutments in their respective locations.
- Remove the healing abutment with the proper sized driver and immediately place an appropriate abutment, making note of the markings on the buccal or lingual. (If there is more than one abutment, we recommend placing one at a time).
 - First, partially hand-screw the abutment screw in place, using the appropriately sized driver.
 - Next, rotate the abutment until you feel the hex engage; checking the rotation of the abutment to ensure it is in the same position as on the master model.
 - Tighten the abutment screw by hand until snug. (Do not over tighten the abutment screw.)
 - Temporarily place the respective crown on the abutment to check for proper rotation. If the rotation looks good, remove the crown and set it aside for final cementation.
- Take a radiograph of the implant/abutment junction. The film should be positioned parallel to the long axis of the implant, with the patient holding the film with a hemostat.
- Verify seating of the abutment from the developed radiograph. If seated, tighten the abutment screw with a wrench to recommended specifications listed on your copy of the implant record that was sent with the case.
- After the abutment has been placed, adjust the crown the same as you would with your other crown and bridgework.
- Before cementing the crown, place gutta-percha in the screw access hole. Do not use cotton, as this will breed bacteria, and do not over block-out. Cement the implant crown using the same procedures as other crown and bridge cases.

