

OD Secure™ impression technique



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OD Secure impression technique

Use this technique to make a full-arch impression of OD Secure abutments. This impression will be used to fabricate a new denture with OD Secure housing caps processed in the denture. OD Secure abutments are designed for use with overdentures or partial dentures retained in whole or in part by dental implants in the mandible or maxilla. OD Secure abutments are available in a variety of cuff heights for all of the internal implant platform sizes from 3.0mm to 5.7mm.



Note: Abutment cuff height should be selected to match the height of the gingival tissue. This will place the OD Secure connection 1.5mm above the tissue and allow the OD Secure housing cap to seat completely.



Important: Always measure the tissue at the highest point when selecting the appropriate OD Secure abutment cuff height.



component options

- OD Secure abutment kit
- impression copings
- OD Secure analogs
- .050" (1.25mm) hex driver
- torque wrench

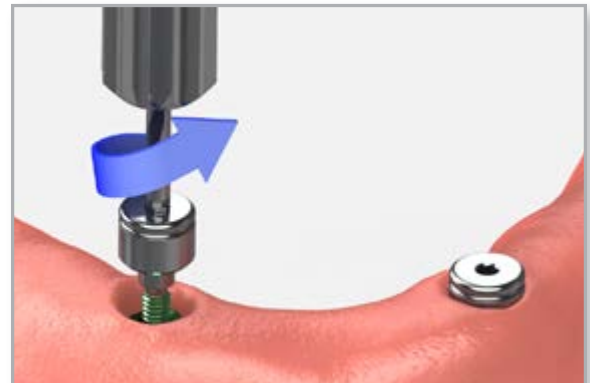
1 Remove the healing abutments

Remove the healing abutments using an .050" (1.25mm) hex driver. Confirm that the prosthetic platforms are free of any bone debris or soft tissue. Irrigate the internal connection of the implants and dry.

Helpful Hint:



When working with multiple implants, remove one healing abutment at a time, replacing it immediately with an OD Secure abutment. This prevents the possibility of soft tissue collapsing onto the implant.



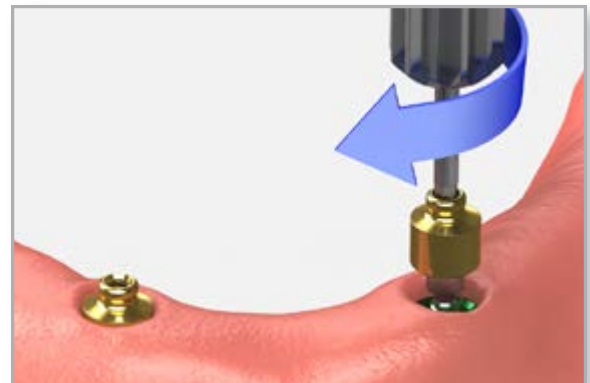
2 Place the abutments

Place the OD Secure abutment onto each implant using an .050" (1.25mm) hex driver. Hand tighten.

Take a radiograph along the long axis of the implants to ensure the abutments are seated completely onto the implant.



Note: The X-ray tube must be positioned perpendicular to the implant prosthetic platform.

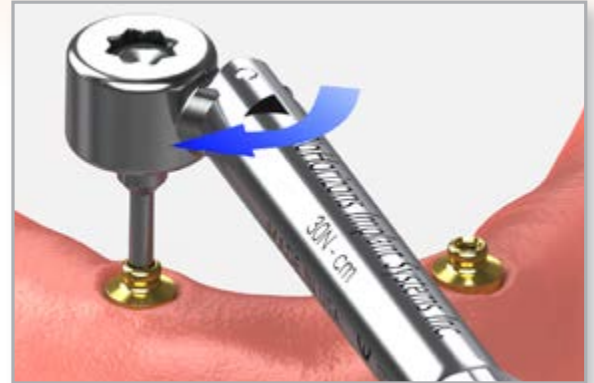




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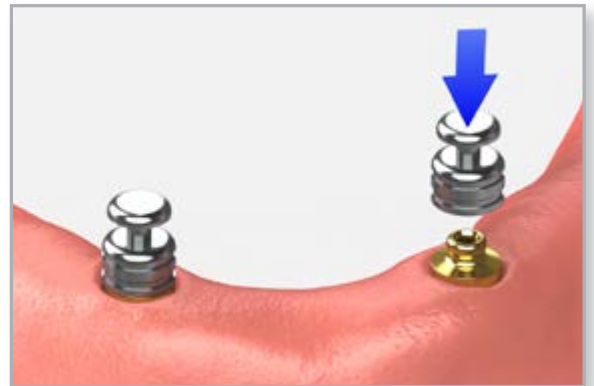
3 Tighten the abutments

Tighten each OD Secure abutment to 30 Ncm using a calibrated torque wrench and an .050" (1.25mm) hex driver.



4 Place the impression copings

Snap an impression coping onto each OD secure abutment.



5 Make a full-arch impression

Syringe a medium or heavy-bodied elastomeric impression material around the impression copings. Make an impression to pick-up the impression copings and to record all soft tissue contours for the new denture fabrication. The impression copings will remain in the impression when it is removed.



Note:

If a reline impression of an existing denture is being made, relieve the denture to accommodate the height of the OD Secure abutments and impression copings and proceed with steps 1 through 5.





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6 Modify the existing denture

Relieve the existing denture to accommodate the height of the OD Secure abutments. A soft liner may be used to reline the denture and provide a limited degree of retention while the new denture is fabricated.



send to lab

- impression with impression copings imbedded
- OD Secure analogs
- processing packages
- bite registration
- opposing model or impression
- prescription with lab instructions

7 Lab step - Seat the analogs

Insert the OD Secure analogs in the corresponding location in the impression.



8 Lab step - Fabricate the stone model

Fabricate a working model and articulate according to normal laboratory procedures.





notes

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