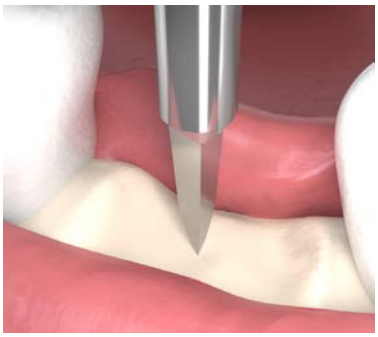
1 - Surgical **Procedure**

1.1 Make a full-thickness flap of the soft tissues to access the bone ridge.



1.2 Use the lance drill to mark the cortical bone for the subsequent drills.

1.3 Use the pilot drill to establish orientation and initial depth for the parallel pin.

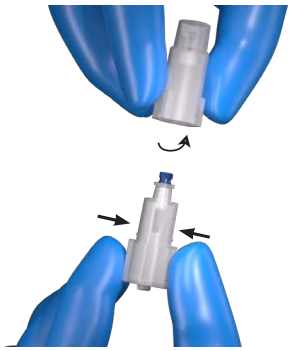
1.4 Use a parallel pin to evaluate parallelism with natural teeth or other adjacent implant sites.

1.5 Take an x-ray with the parallel pin inserted into the osteotomy to verify parallelism.

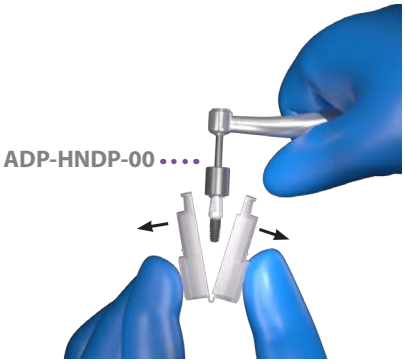
1.6 Widen the diameter of the implant site using sequential drills of increasing diameter. The drill depth should correspond to the length of the selected implant.

2 - Final **Placement of Implant**

2.1 Remove contents from the implant box, and peel back the tray lid, which holds the implant container.



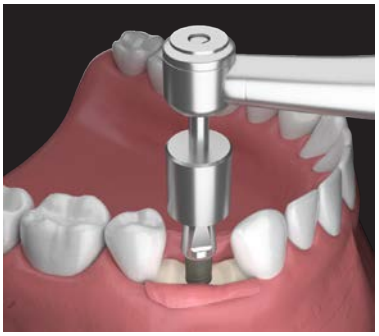
2.2 Hold the flat sides of the implant container firmly. Rotate the top portion of the container ⅛ of a turn counter clockwise and remove the plastic cap, while holding the base closed.



2.3 Snap a motorized hand piece, ratchet wrench, or thumb knob onto the exposed carrier and release the implant from the container tube.

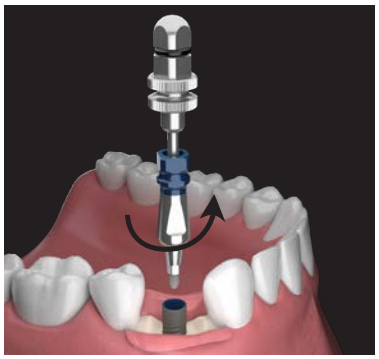
Products illustrated in this procedure: DRS-LANC-00 lance drill, DRS-2008-00 pilot drill, PLP-2030-00 parallel pin, DRS-3250-00 drill, ADP-HNDP-00 handpiece adapter

2 - Surgical **Placement of Implant** (Continued)



2.4 Rotate the implant into the osteotomy approximately half-way down or until finger tight.

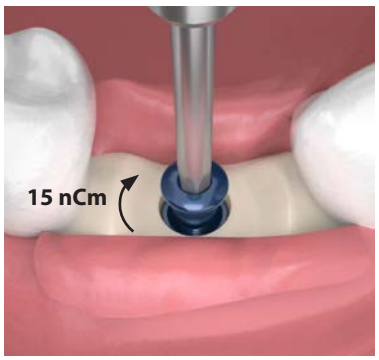
CAUTION-VERY IMPORTANT: The carrier is only intended as a carrier of the implant and NOT a driver. It should be used only to stabilize the implant in the osteotomy site and then removed.



2.5 Remove the carrier by carefully placing the .050 hex driver into the carrier hole and turning counterclockwise.

2.6 Use the appropriate implant driver from the surgical kit, and either the torque wrench or a motorized hand piece to rotate the implant into the osteotomy. The depth marks on the driver help you to gauge when you have reached the depth determined by the surgical plan. Do not exceed the maximum torque of 60 Ncm.

IF INSTALLING A COVER SCREW, UNSCREW THE SUPPLIED COVER SCREW FROM THE IMPLANT ONE IMPLANT CONTAINER WITH THE .050 HEX DRIVER IN THE SURGICAL KIT. THE SAME .050 HEX DRIVER CAN BE USED TO INSTALL A HEALING CAP.



2.7 Drive the cover screw or healing cap into the implant to a maximum torque of 15 Ncm or finger tighten. Close and suture if needed.

Products illustrated in this procedure: IR3-3508-00 implant, ADP-HNDP-00 Handpiece Adapter, HDT-0050-00 .050 Hex Driver, DIH-0310-00 Implant Driver