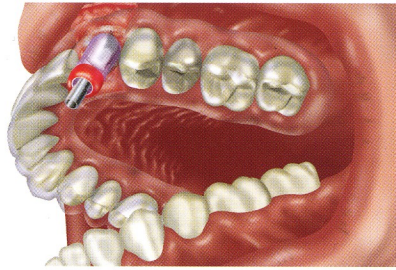


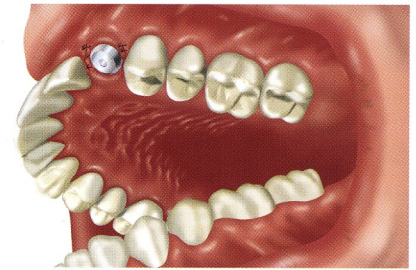
1

Impression Option #1: After threaded implant placement, block out the top of the Fixture Mount/Transfer. [If implant does not have a transfer, attach transfer with 1.25mmD Hex Tool.] Place light body impression material around the transfer and record a full-arch impression with standard body material. Remove the impression after it fully sets. Remove transfer and forward with impression to the laboratory. If impression is done at the bone level, inform the laboratory. Optional: Long impression screws may be used for open-tray impression technique.



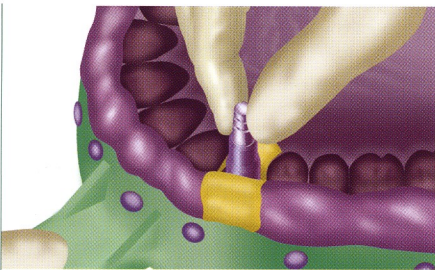
2

Impression Option #2: After threaded implant placement, lute the Fixture Mount/Transfer (or standard transfer) to the surgical stent with auto or light-cured resin. Unscrew transfer and remove the stent with transfer attached. Forward stent and transfer to the laboratory. (Not recommended for multiple unit impressions.)



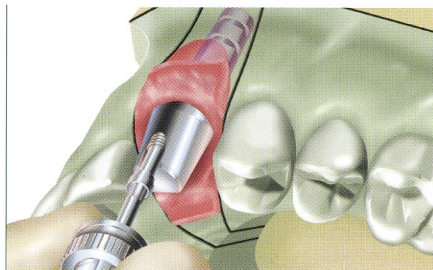
3

Place healing collar for single stage protocol, or attach surgical cover screw and suture for traditional two-stage protocol.



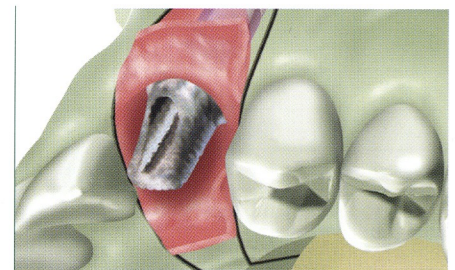
4

Connect the Fixture Mount/Transfer to a corresponding replica and insert assembly back into the impression. Create stone model. If desired, use soft tissue material to represent the gingival tissues.



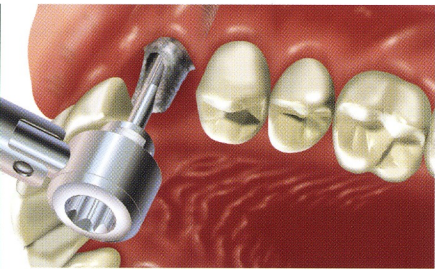
5

Remove transfers from the stone model. Attach an abutment for cementable restorations to the replica on the stone model and tighten the fixation screw with a 1.25mmD Hex Tool.



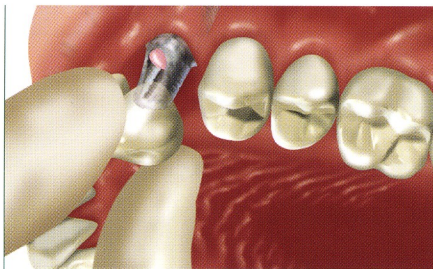
6

Prepare the abutment to receive a cement-retained provisional prosthesis. Use the prepared abutment to fabricate the provisional prosthesis. If soft tissue levels can be adequately predicted, the restoration coping can also be prepared.



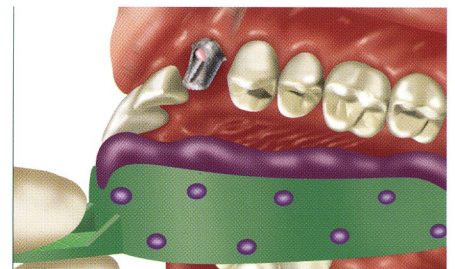
7

After the integration period, place the prepared abutment and tighten to the proper torque with a calibrated prosthetic torque wrench.



8

Using temporary cement, attach the provisional prosthesis to the prepared abutment in the patient's mouth.



9

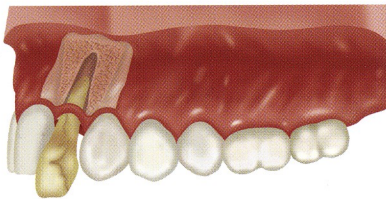
After tissue remodeling, remove the provisional prosthesis from the abutment. Make necessary adjustments to the abutment to correct changes in soft tissue levels. Record a full-arch impression. If a restoration coping was fabricated, place the coping on the abutment and record a full-arch impression to pick up the coping and capture soft tissue maturation. From this impression, the final restoration is completed.

Note: This guide is for educational use only.

Refer to the Centerpulse Dental Division Prosthetics Instructions for Use (part #4894) and Instructions for Use (part #'s 4869 and 4718) for complete instructions for use.

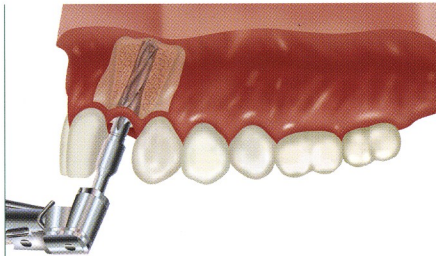
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1

In a case with a failing tooth, perform atraumatic extraction, taking care to preserve the alveolar housing around the extraction site.



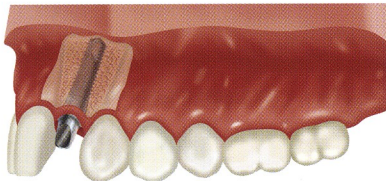
2

Prepare surgical site according to the drilling sequence to set the angulation of the implant.



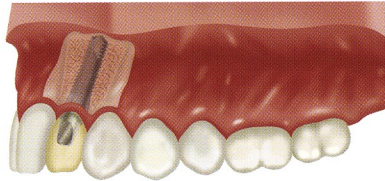
3

Deliver the threaded implant to the osteotomy, and seat the implant using a handpiece or manual ratchet.



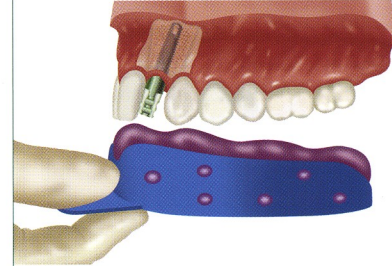
4

After removal of the mount, select an abutment with the appropriate emergence and angle. Prepare the abutment extraorally and seat the abutment on the implant with a 1.25mmD Hex Tool and a torque wrench calibrated to 30Ncm. The friction-fit abutment can only be attached if the primary stability of the implant is satisfactory. Alternatively prepare the fixture-mount and use as a temporary abutment.



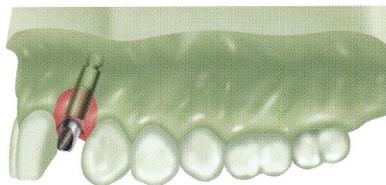
5

Fabricate provisional prosthesis chairside. Check provisional prosthesis to confirm no occlusal contacts are present. Occlude screw access hole and then cement provisional prosthesis in place using temporary cement.



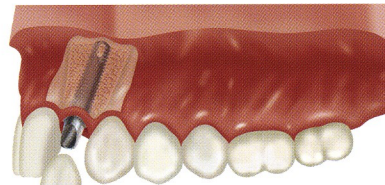
6

After the healing period, remove provisional prosthesis and abutment. Attach a transfer post with a 1.25mmD Hex Tool and record full-arch impression with standard body material. Remove transfer and reseat provisional prosthesis. Forward transfer and impression for fabrication of the final restoration. Optional: Can take a direct impression of abutment.



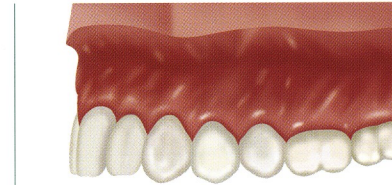
7

Connect the transfer to a corresponding replica and insert assembly back into the impression. Create working cast using soft tissue material to represent the gingival tissues. Remove transfer from the cast. Attach an abutment to the replica on the cast and tighten the abutment screw to the appropriate torque with a 1.25mmD Hex Tool. Prepare, wax and cast the abutment and fabricate the final prosthesis.



8

Place the prepared final abutment in the patient's mouth. Thread the abutment screw through the access channel within the abutment using the 1.25mmD Hex Tool. Tighten the abutment screw to 30Ncm with a calibrated torque wrench.



9

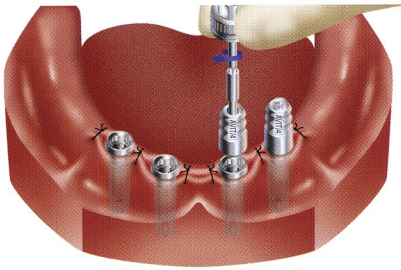
Occlude screw access hole and then attach the final prosthesis to the prepared abutment with cement of choice.

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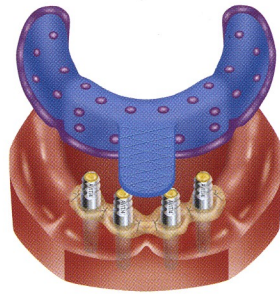
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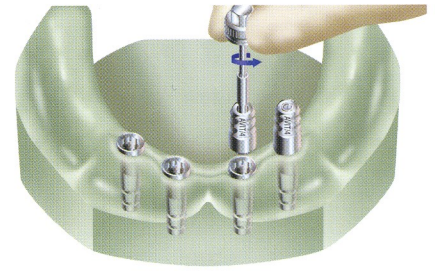
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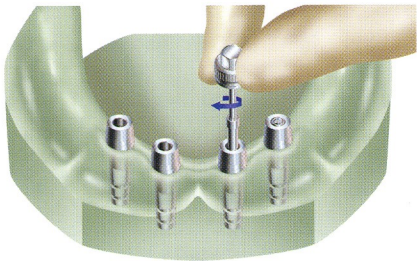
1 After threaded implant placement, attach transfers with 1.25mmD Hex Tool. For implants with a Fixture Mount/Transfer already attached, proceed to step 2. Optional: Long impression screws may be used for open-tray impression technique.



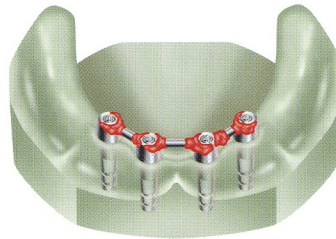
2 Block out the top of the transfer and any exposed sutures. Place light body impression material around each transfer and record a full-arch impression with standard body material. Remove the impression after it fully sets. Unscrew transfers from implants and forward with impression for fabrication of a stone model.



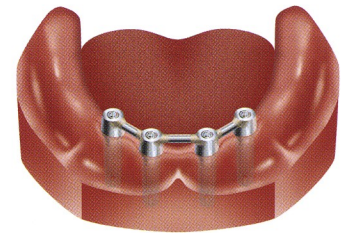
3 Connect the transfer to a corresponding replica and insert assembly back into the impression. Create stone model. If desired, use soft tissue material to represent the gingival tissues. Remove transfers.



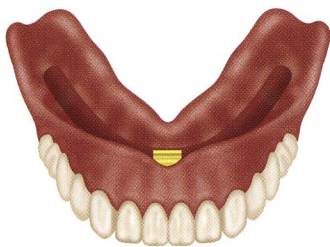
4 Attach Bar Gold Copings to replicas with a 1.25mmD Hex Tool.
Note: Alternative technique involves use of screw-retained abutments with gold copings for cast bars.



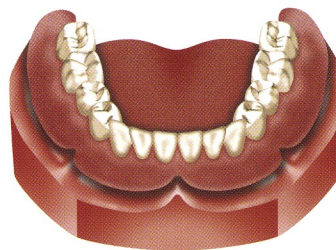
5 Cut and shape gold bar patterns to fit between the Bar Gold Copings. Lute them in place with an autopolymerizing resin parallel to the plane of occlusion. Remove framework from the stone model. Solder the bar segments to the Bar Gold Copings. Finish and lightly polish the soldered bar. Caution: Do not over-polish the areas of the bar that will accept the clip(s).



6 Verify the bar fits passively in the patient's mouth. If necessary, correct the bar by sectioning and resoldering.



7 There are two alternatives for processing the clips to the bar: laboratory or intraoral. For the laboratory technique, remove the bar and send back to the lab for processing of the clips on the stone model. The intraoral technique allows the dentist to pick up the clips off the bar. The patient's existing denture can be used or a new denture fabricated by the laboratory. To pick up the clips, follow traditional prosthodontic techniques.



8 Secure the bar in place with fixation screws and tighten to the proper torque with a calibrated prosthetic torque wrench. Reseat the denture and make final adjustments.

*Immediate loading is indicated for use with Tapered Screw-Vent®, AdVent™, Screw-Vent®, SwissPlus® and Spline Twist® implant systems only. For use with Centerpulse Dental AdVent™, Tapered Screw-Vent®, Spline Twist®, Screw-Vent®, and SwissPlus implant systems in fully edentulous mandibles.

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