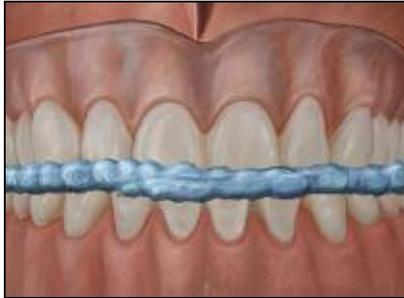


**QuickBridge™ Provisional
Components Manual**

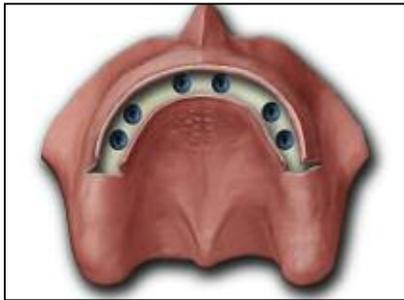
*Provisional Fabrication Using QuickBridge
Components On Conical Abutments*

Denture Conversion



CLINICIAN

1. Make an interocclusal registration with the patient's existing denture.



2. Place the implants following the proper surgical protocol.



3. Select the proper Conical Abutment collar height for each implant by measuring the tissue depth on the buccal side at each location. If a 1mm subgingival margin is desired, subtract 1mm. Next, select the proper abutment angulation; straight, 17° or 25°. Allow approximately 2mm of interarch distance space between the top of the abutment and the opposing occlusion. Finally, match the color of the implant to determine the platform diameter.

4.  **For Internal Connection:** Activate the fingers using the QuickSeat® Activator Tool. Place the proper height Conical Abutment into the implants, line up the hex and press firmly until hearing and feeling the audible and tactile click.

or

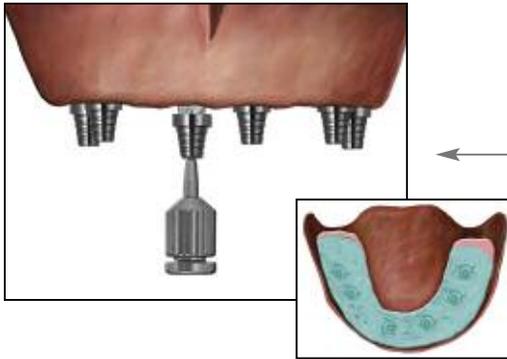
-  **For External Connection:** Place the proper height Conical Abutment onto the implants, engaging the hex.

-  **For Both Internal And External Connections:** Thread the Conical Abutment Screw into the implant by turning the spindle on the ASYST Tool until finger tight. Remove the ASYST Tool. Verify an accurate fit of each abutment by visualizing the interfaces and by taking a radiograph. Torque the abutment screws to 20Ncm using the Abutment Driver Tip and torque driver. Suture the tissue around the Conical Abutments.

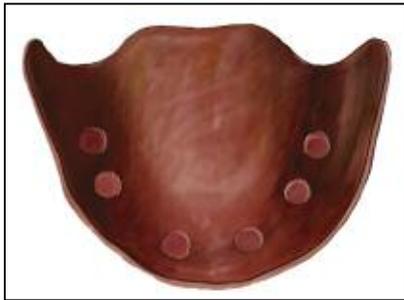


If correcting an angle using the 17° or 25° angled Conical Abutment, place the abutment in or on the implant hex to correct angulation while holding onto the delivery tool. Place the abutment screw onto the Large Hex Driver and thread it into the implant. Torque the abutment screw to 20Ncm using the Large Hex Driver Tip and a torque driver.

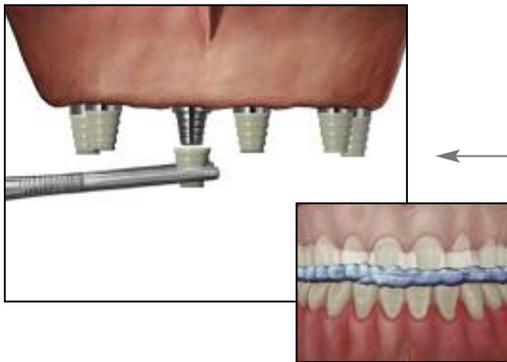
Denture Conversion



5. Thread a QuickBridge™ Titanium Cylinder on each of the abutments and hand tighten using the Large Hex Driver. Torque the cylinders to 10Ncm using a Large Hex Driver Tip and torque device. Place fast setting impression material into the ridge area of the denture, insert it into the mouth and press lightly over the Conical Abutment/QuickBridge Titanium Cylinder assemblies to mark their locations. Allow the impression material to set per the manufacturer's instructions.



6. Remove the denture from the mouth. Drill through the areas where the indentations are in the impression material with an acrylic bur. Remove the impression material from the denture. Relieve the areas marked approximately 7mm in depth to allow for the height of the QuickBridge Components.



7. Snap the QuickBridge Caps onto the QuickBridge Titanium Cylinders. Place self curing acrylic resin into the retention facets on each QuickBridge Cap and fill the relieved areas of the denture with acrylic resin. Seat the denture over the QuickBridge Caps and have the patient close into occlusion using the interocclusal registration. Verify that the denture is completely seated. Allow the acrylic to set per the manufacturer's instructions.



8. Remove the denture from the mouth. The QuickBridge Caps will pick up into the denture. Remove the palate and flanges from the denture using an acrylic bur. Fill any voids around the QuickBridge Caps. Finish and polish the denture. Place temporary cement into the QuickBridge Caps and seat the provisional on the QuickBridge Titanium Cylinders. Have the patient close into occlusion using the interocclusal registration. Remove any excess cement from around the cap margin areas. Allow the cement to set per the manufacturer's instructions. Adjust the occlusion as indicated.

Provisional Bridge Fabrication

LABORATORY

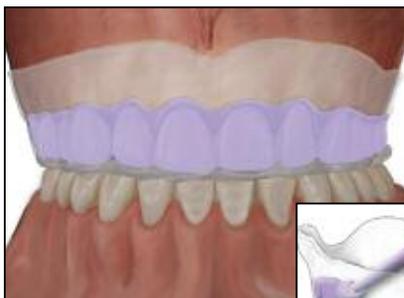
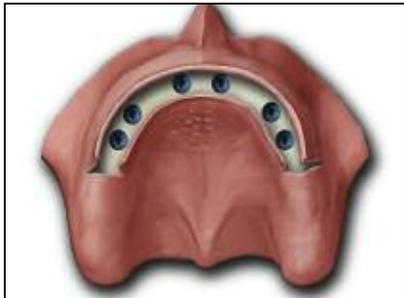
1. Duplicate the patient's existing fixed bridge or denture in stone. Articulate the stone cast with the opposing cast.



2. Make a vacuum formed template over the stone cast. A 2mm thick flexible vacuum formed material is recommended. Make an interocclusal registration between the template and the opposing cast using the articulation. Remove the template from the stone cast.



Provisional Bridge Fabrication



CLINICIAN

3. Place the implants following the proper surgical protocol.

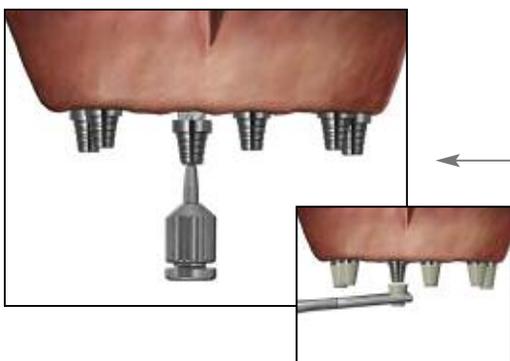
4. Select the proper Conical Abutment collar height for each implant by measuring the tissue depth on the buccal side at each location. If a 1mm subgingival margin is desired, subtract 1mm. Next, select the proper abutment angulation; straight, 17° or 25°. Allow approximately 2mm of interarch distance space between the top of the abutment and the opposing occlusion. Finally, match the color of the implant to determine the platform diameter.

5. **For Internal Connection:** Activate the fingers using the QuickSeat® Activator Tool. Place the proper height Conical Abutment into the implants, line up the hex and press firmly until hearing and feeling the audible and tactile click.
or
For External Connection: Place the proper height Conical Abutment onto the implants, engaging the hex.
For Both Internal And External Connections: Thread the Conical Abutment Screw into the implant by turning the spindle on the ASYST Tool until finger tight. Remove the ASYST Tool. Verify an accurate fit of each abutment by visualizing the interfaces and by taking a radiograph. Torque the abutment screws to 20Ncm using the Abutment Driver Tip and torque driver. Suture the tissue around the Conical Abutments.

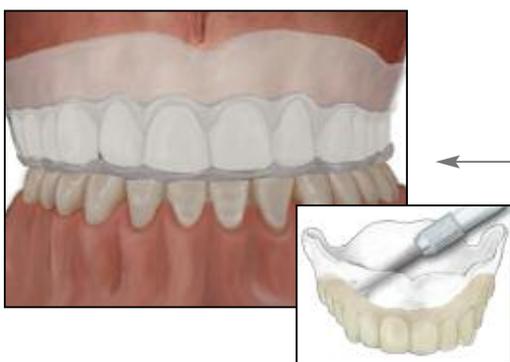
If correcting an angle using the 17° or 25° angled Conical Abutment, place the abutment in or on the implant hex to correct angulation while holding onto the delivery tool. Place the abutment screw onto the Large Hex Driver and thread it into the implant. Torque the abutment screw to 20Ncm using the Large Hex Driver Tip and a torque driver.

6. Fill the tooth portion of the vacuum formed template with impression material and place it in the mouth over the conical abutments. Have the patient close into the interocclusal registration and allow the impression material to set. Remove the impression material from the template. Place the impression material replica of the teeth in the mouth and verify the bite and tooth position. Set aside the replica of the teeth for the laboratory to be used later as a guide when fabricating the definitive restoration.

Provisional Bridge Fabrication



7. Thread a QuickBridge™ Titanium Cylinder on each of the Conical Abutments and hand tighten using the Large Hex Driver. Torque the cylinders to 10Ncm using the Large Hex Driver and a torque device. Snap the QuickBridge Caps onto the QuickBridge Titanium Cylinders.



8. Add self curing acrylic resin into the retention facets on the QuickBridge Caps and into the tooth portion of the template. Place the template into the mouth over the QuickBridge Caps and have the patient close into the interocclusal registration. Allow the acrylic to set per the manufacturer's instructions.



9. Remove the template from the mouth with the QuickBridge Caps inside the acrylic. Remove the provisional from the template. Remove all excess acrylic from around the margin areas and fill in any voids. Finish the provisional restoration to the desired contour and polish.



10. Place the provisional restoration into the mouth and snap the QuickBridge Caps onto the Titanium Cylinders. Verify the fit and aesthetics. Adjust the occlusion as indicated. Remove the provisional. Place a small amount of temporary cement into each QuickBridge Cap, snap the provisional into place in the mouth and have the patient close into occlusion. Allow the cement to set per the manufacturer's instructions.



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