



## Technique for Cement-Retained Temporary Crown



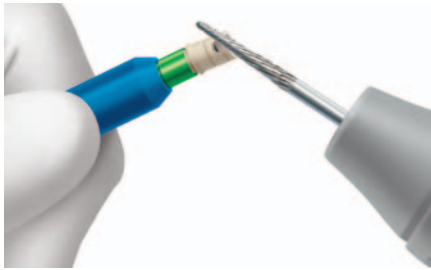
**1.** Remove the temporary gingival cuff (or healing screw) from the implant using the 1.25mmD (0.050") Hex Tool.



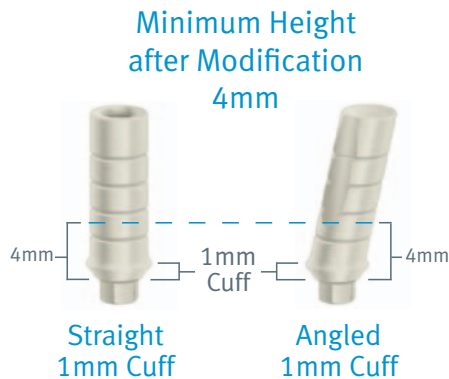
**2.** Place the Plastic Temporary Abutment onto the implant body. Select the small screw included with the abutment. Hand-tighten the screw with the Hex Tool.



**3.** Mark the abutment for height reduction and any medial and marginal modifications. Verify that there is adequate space for the temporary restoration to remain out of occlusion during the healing period.



**4.** Remove the abutment and modify as necessary. Do not reduce the abutment to less than 4mm in height.



**5.** Place the modified abutment on the implant and secure in place with the retaining screw. Hand-tighten using the Hex Tool. Block out the grooves with wax and use Vaseline to prevent adhesion of temporary acrylic material. Block out the screw access hole.



**6.** Using a poly-carbonate pre-formed crown pattern, or a stent-formed crown pattern, fill the crown with acrylic or temporary material of choice and seat onto the modified abutment. Follow manufacturer's recommendations for curing time.



**7.** Remove the crown. Finish and polish using standard techniques. Clean the Vaseline off of the abutment and remove the block-out wax. Using a dental bur, roughen the surface of the abutment cone to enhance the retention for the cemented restoration.



**8.** Block out the screw access hole with a cotton pellet or wax. Using temporary cement, seat the temporary crown to the abutment following traditional temporization techniques. Remove any excess cement and adjust occlusion.

### Zimmer Dental Contact:

To learn more about **Zimmer Plastic Temporary Abutments**, please visit us online at [www.zimmerdental.com](http://www.zimmerdental.com), or to speak to a sales representative, call 1 (760) 929-4300.

# Zimmer Plastic Temporary Abutments: Screw-Retained Restoration

## Technique for Screw-Retained Temporary Crown



**1.** Remove the temporary gingival cuff (or healing screw) from the implant using the 1.25mmD (0.050") Hex Tool.



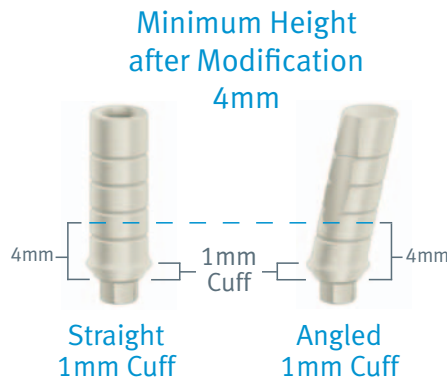
**2.** Place the Plastic Temporary Abutment onto the implant body. Select the long processing screw included with the abutment and tighten the screw with the Hex Tool.



**3.** Mark the abutment for height reduction and any medial and marginal modifications. Verify that there is adequate space for the temporary restoration to remain out of occlusion during the healing period.



**4.** Remove the abutment and modify as necessary. Using a dental bur, roughen the surface of the abutment cone to enhance the retention of the temporary material. Do not reduce the abutment to less than 4mm in height.



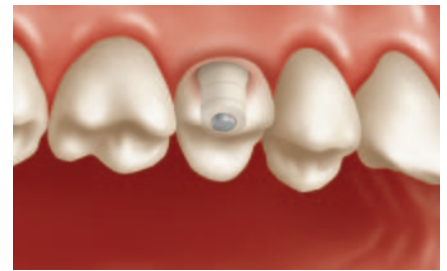
**5.** Replace the modified abutment and long processing screw. Loosely seat the vacuum form over the abutment, mark the center of the template and remove. Mark and drill a hole in the occlusal of the vacuum form for the processing screw. Seat the template over the processing screw, and slide the template onto the abutment.



**6.** Block out the screw access hole to prevent the ingress of material into the screw. Fill the vacuum form with the restorative material of choice and seat it over the temporary abutment, allowing the screw to pass through the access hole created in the vacuum form. Following the manufacturer's instructions, allow the temporary material to cure.



**7.** Loosen the screw and remove the abutment and restoration from the implant. Using standard procedures, fill in any gaps or spaces, then trim, finish, and polish the restoration. Check fit and occlusion. Adjust as necessary.



**8.** Once the restoration is complete, either of the screws included with the abutment may be utilized. The longer processing screw may be trimmed to accommodate the final temporary restoration. Hand-tighten the abutment retaining screw with the Hex Tool. Block out the screw access hole with a cotton pellet and seal with temporary material.

Plastic Temporary Abutments are packaged with retaining screw and long processing screw for your convenience.

Part Number	PT341S	PT344S	PT341A	PT344A	PT451S	PT454S	PT451A	PT454A	PT561S	PT564S
Implant Platform	3.5mm	3.5mm	3.5mm	3.5mm	4.5mm	4.5mm	4.5mm	4.5mm	5.7mm	5.7mm
Cuff Height	1mm	4mm	1mm	4mm	1mm	4mm	1mm	4mm	1mm	4mm
Angulation	straight	straight	angled	angled	straight	straight	angled	angled	straight	straight

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