Protemp™ Crown
Temporization Material

Indication
• Temporary Restoration

Tooth Preparation
• Prepare tooth using conventional techniques.

<table>
<thead>
<tr>
<th>Select Size and Prepare Protemp Crown</th>
<th>Adaptation Buccal/Lingual/Occlusal Tack 2 - 3 sec. each</th>
<th>Final Cure Remove from mouth Final Cure 60 sec. Check occlusion</th>
<th>Finish &amp; Polish Cementation</th>
</tr>
</thead>
</table>

Size Selection
• Determine the approximate mesial-distal width and temporary crown height using the 3M ESPE Crown Size Tool. The 3M ESPE Crown Size Tool is designed for single use.
• On the occlusal surface, slide measuring tool between abutment teeth, the wedging point establishes the approximate mesial-distal width
• Use the Size Selection Chart on page 4 to select the appropriate size crown
• Measure carefully, Protemp Crown is light sensitive and once removed from the sealed crown case it cannot be used at a later date.

Protemp Crown Preparation
• Remove crown from sealed crown case (2a)
• Hold film between thumb and finger (2b)
• Carefully remove film from Protemp Crown
• Measure the height of the adjacent teeth as a guide to the amount of excess to be trimmed off the Protemp Crown
• Follow the gingival contour when trimming excess material from Protemp Crown
**Adaptation**
- Place Protemp Crown onto the prepared tooth
- Adapt, shape and establish interproximal contacts for a snug fit onto the moist preparation
- Gently close to adapt buccal surface and establish occlusion
- Adapt buccal margin
- Adjust occlusion
- While patient is in occlusion check buccal margin
- Tack cure buccal surface 2-3 seconds
  **DO NOT OVER TACK CURE!**
- Open mouth for adaptation of lingual surface
- Apply finger pressure to buccal surface to prevent dislodging of temporary crown
- Adapt lingual margin
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- Tack cure lingual surface 2-3 seconds
- Tack cure occlusal surface 2-3 seconds

**Final Cure**
- Gently remove Protemp Crown from the preparation
- Light cure outside of the mouth for 60 seconds (fully cure by exposing all surfaces to the light)
- Trial fit cured crown and adjust occlusion, trim margin and contour if necessary

**Finish & Polish**
- Finish using a fine carbide bur and/or 3M ESPE Sof-Lex™
- Polish Protemp Crown using a dry muslin rag wheel or polishing brush

**Temporary Cementation**
- Isolate the teeth
- Prepare temporary cement
- Apply cement to the internal surface of the Protemp Crown

- Slowly seat the crown
- Gently close into occlusion
**DIRECT TECHNIQUE**

**Protemp™ Crown**
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- Remove excess cement
- Floss interproximal areas
- Check Sulcus

### Size Selection Chart

<table>
<thead>
<tr>
<th>Crown Name</th>
<th>Approximate Range Mesial Distal Width *</th>
</tr>
</thead>
<tbody>
<tr>
<td>CUSPID (Canine) Universal</td>
<td></td>
</tr>
<tr>
<td>Cuspid (Canine) Universal S</td>
<td>6-8 mm</td>
</tr>
<tr>
<td>Cuspid (Canine) Universal L</td>
<td>8-9 mm</td>
</tr>
<tr>
<td>BICUSPID (Premolar) Upper</td>
<td></td>
</tr>
<tr>
<td>Bicuspid (Premolar) Upper S</td>
<td>6-7 mm</td>
</tr>
<tr>
<td>Bicuspid (Premolar) Upper L</td>
<td>7-8 mm</td>
</tr>
<tr>
<td>MOLAR (1st &amp; 2nd) Upper</td>
<td></td>
</tr>
<tr>
<td>Molar Upper S</td>
<td>9-11 mm</td>
</tr>
<tr>
<td>Molar Upper L</td>
<td>11-12 mm</td>
</tr>
<tr>
<td>MOLAR (1st &amp; 2nd) Lower</td>
<td></td>
</tr>
<tr>
<td>Molar Lower S</td>
<td>9-11 mm</td>
</tr>
<tr>
<td>Molar Lower L</td>
<td>11-12 mm</td>
</tr>
<tr>
<td>BICUSPID (Premolar) Lower</td>
<td></td>
</tr>
<tr>
<td>Bicuspid (Premolar) Lower</td>
<td>6-9 mm</td>
</tr>
</tbody>
</table>