ADEX-CDCA CIF
Endodontic Access
Prosthodontic Preparations

View the evaluation criteria for specifics and dimensions to achieve a successful result.

Howard E. Strassler, DMD
Endodontics: #8, #14
Prosthodontics: #9, #3-5
Endodontics

- Access preparation and treatment #8
- Access preparation #14
Prosthodontics

- #9 - ceramic crown preparation
- #3 - cast gold crown preparation
- #5 - porcelain-fused-to-metal preparation
#9  Ceramic crown

Cervical margin
0.5 mm incisal to gingiva

Facial view

Incisal reduction  2.0 mm
Cervical margin width = 1.0 mm
Axial reduction = 1.5 mm
#9 Ceramic crown
Incisal reduction of 2 mm

Cervical margin
0.5 mm incisal to gingiva

Incisal reduction 2.0 mm
Ceramic Crown Preparation
Using a PVS guide to evaluate
Incisal Reduction of 2 mm

<table>
<thead>
<tr>
<th>Incisal Reduction</th>
<th>CDCA criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC</td>
<td>The incisal reduction is between 1.5 mm - 3.0 mm.</td>
</tr>
<tr>
<td>SUB</td>
<td>The incisal reduction is 1.0 mm - &lt; 1.5 mm and/or is &gt; 3.0 mm - ≤ 3.5 mm.</td>
</tr>
<tr>
<td>DEF</td>
<td>A. The incisal reduction is &lt; 1 mm. B. The incisal reduction is &gt; 3.5 mm.</td>
</tr>
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</table>
All-ceramic crown

Axial reduction = 1.5 mm
Cervical margin width = 1.0 mm
Fixed partial denture

Occlusal view
#3-5 Fixed partial denture

Line of draw=appropriate path of insertion varies less than 10° from parallel to the long axis of both teeth on all axial surfaces and a line of draw established (all axes include facial, mesial, distal and lingual)
Occlusal reduction-clearance
Fixed partial denture

PFM

Cast gold

Lingual view
#3 cast gold crown preparation

Facial view
cervical margin smooth, continuous, well defined

Axial reduction  = 1.5 mm
Cervical margin width = 0.5 mm
Chamfer in shape

occlusal reduction  = 1.5 mm
Visual taper 6-8°
#5 porcelain-fused-to-metal crown preparation

Facial view

Cervical margin smooth, continuous, well defined

Cervical margin
0.5 mm incisal to gingiva

Axial reduction = 1.5 mm
Facial shoulder margin width = 1.5 mm
Can have a bevel 0.5-1.0 mm beyond shoulder

Occlusal reduction = 2.0 mm
Visual taper 6-8°
#5 porcelain-fused-to-metal crown preparation

Lingual view

- Cervical margin smooth, continuous, well defined
- Axial reduction = 1.5 mm
- Lingual margin chamfer = 0.5-1.0 mm

Cervical margin
0.5 mm incisal to gingiva
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