When strength can’t be compromised, ZEUS Zirconia Restorations offer many benefits over PFM & Full Metal.

ZEUS Full Contour Zirconia Crowns, Bridges and Implant Restorations are a new treatment option for clinical situations where strength is required. Made of high-performance zirconia, ZEUS Restorations offer esthetic advantages over Full-Metal Restorations and are more resilient to fracture or delamination than PFM Restorations. Metal-free ZEUS Restorations are highly biocompatible and are not affected by fluctuations in alloy prices. Available in three tiers of products, ZEUS Restorations provide the flexibility to treat a wide range of patients with an optimal restoration solution.

Partner with Hermanson Lemke today! Call 800.328.9648

Contact Hermanson Lemke to learn more about ZEUS Zirconia Restorations or to pre-schedule a case.
ZEUS™ A STRONG ALTERNATIVE TO PFM & FULL METAL

PREPARATION GUIDELINES

<table>
<thead>
<tr>
<th>Posterior Crown</th>
<th>Anterior Crown</th>
<th>Anterior Bridge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Margin: 1mm chamfer</td>
<td>360° shoulder or deep chamfer with rounded internal line angles</td>
<td>Rounded internal line angles</td>
</tr>
<tr>
<td>Rounded line angles on prep</td>
<td>Minimum 1.5mm facial and lingual reduction</td>
<td>Butt joint margin</td>
</tr>
<tr>
<td>Occlusal reduction of 1.0mm to 1.5mm in contact area</td>
<td>90°-120° deep chamfer or shoulder of 1.0mm</td>
<td>1.5mm to 1.5mm reduction at gingival margin</td>
</tr>
<tr>
<td>Rounded anterior incisal edge (1.0mm in width)</td>
<td>2.0mm incisal reduction with 3°-6° taper</td>
<td>Approx. 3° to 6° taper</td>
</tr>
<tr>
<td>Conventional Cementation Preparation</td>
<td></td>
<td>Note: Bridge connectors must be a minimum of 4.0mm X 4.0mm (for the frame)</td>
</tr>
</tbody>
</table>

FEATURES AND BENEFITS

Providing an esthetic alternative to gold and PFM restorations (metal ceramics) – ZEUS crowns are the restoration of choice for patients.

With 1400 MPA of flexural strength, ZEUS crowns offer greater strength and chip resistance than metal ceramic restorations, making them an excellent choice for parafunctional patients, including bruxers and grinders.

ZEUS crowns are manufactured by our experienced designers using top-of-the-line five-axis milling machines for ultra-precise margins and improved esthetics over full metal restorations.

Stronger than metal ceramic or traditional all ceramic restorations, ZEUS crowns allow for a more conservative preparation.

ZEUS crowns can be seated with conventional cement.

ZEUS crowns are made of Zirconium Oxide (ZrO2), a highly biocompatible and hypoallergenic material that has been used in a variety of medical and dental applications. As an added benefit, some studies have shown that Zirconia may cause less wear to opposing dentition than porcelain restorations.


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