

Zirconia *with*

GDL GRIFFIN DENTAL
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Griffin Dental Laboratories produces zirconia restorations in house. The restorations have an extremely high bending strength, optimal edge stability in the restorations fabricated with this technology.

Prep Requirements

- Preparation suitable for ceramics, i.e no sharp corners, edges, and internal corners.
- Circular chamfer with cervical edge of at least 0.8mm
- Circular shoulder with rounder internal corners
- Inscal and occlusal reduction for faced crowns: 1.5mm to 2.0mm
- Minimum stump height 3.0mm

Contraindications

- Deep Cavities in the occlusal area.
- Rising chamfers (gutter preparations)
- Finished margins

Cementation

Conventional Cementation: Due to the high degree of rigidity and stability of Ceramill Zi framework conventional fixing with

- Zinc oxide phosphate cement or
- Glass ionomer luting (i.e. GC Fuji Plus) is possible in most cases.

With convention cements make sure there is sufficient retention that the stump height is 3 mm.

Adhesive fixing: For adhesive fixing we recommend the fixing composites Panavia® 21 or Panavia® F 2.0 due to their excellent adhesion with the zirconium oxide framework material.

Sales Representative:



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