Finally.

Aesthetics that your patients will love.

Zirlux®
UNIVERSAL ALL CERAMIC SYSTEM

HENRY SCHEIN®
DENTAL

Which would you choose?

Zirlux® is a strong, highly aesthetic alternative to metal that provides patients with the aesthetics and functionality they demand.

Patients choose Zirlux®!

Metal-Occlusal Crown

Gold Crown

For More Information or to Prescribe Zirlux®
Contact Your Zirlux® Certified Partner Today!

Zirlux®
UNIVERSAL ALL CERAMIC SYSTEM

Prescribe Zirlux® Today!

Zirlux® is indicated for full contour crowns, bridges, inlays, onlays, and traditional layered ceramic restorations.

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Zirlux®
UNIVERSAL ALL CERAMIC SYSTEM

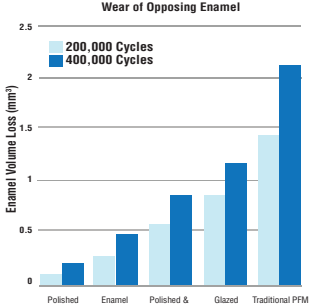
The Zirlux® Universal All-Ceramic System enables you to provide patients with exceptional restorations that are aesthetic, strong, metal-free, and available for multiple restorative options. Zirlux® can be prescribed for translucent full contour monolithic zirconia, traditional layered zirconia, or pressed to zirconia restorations.

Zirlux® Benefits

- High translucency for increased aesthetics
- Suitable for supra gingival and feather edge margins
- Pre-shaded material produces consistent and predictable restorations
- Aesthetic alternative to metal
- Low wear to opposing enamel

Low Wear

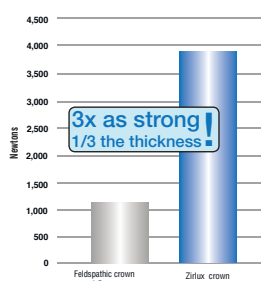
Wear of Opposing Enamel



Dr. Burgess, et al.
26 Wear of Ceramics and Enamel in artificial chewing simulator
AADR, Tampa, FL 2012

High Strength

Load to Failure



* Ardent, Inc R&D 2011

Preparation Guidelines

General preparation guidelines for all ceramic restorations should be followed: (Fig 1. and Fig. 2)

Preparation should follow the anatomy of the tooth, providing at least the minimum thickness required for the respective restoration. A 1.0 mm axial and occlusal reduction is considered ideal for full contour zirconia restorations. (Table 1)

A definitive finish line (shoulder with rounded internal line angles or chamfer) is recommended. Feather edge preparations are acceptable. (Fig. 3)

All sharp edges and line angles should be rounded.

TABLE 1

Minimum Zirconia Thickness - Crowns

Anterior	Crowns
Axial	0.5 mm
Incisal/Occlusal	0.5 mm
Connector Dimensions	n/a
Posterior	**Crowns**
Axial	0.5 mm
Incisal/Occlusal	0.5 mm
Connector Dimensions	n/a

Minimum Zirconia Thickness - Bridges

Anterior	3-Unit	≥4 units with max 2 connected pontics	Cantilever with 1 pontic
Axial	0.5 mm	0.7 mm	0.7 mm
Incisal/Occlusal	0.7 mm	1.0 mm	1.0 mm
Connector Dimensions	7 mm²	9 mm²	12 mm²
Posterior			
Axial	0.5 mm	0.7 mm	0.7 mm
Incisal/Occlusal	0.7 mm	1.0 mm	1.0 mm
Connector Dimensions	9 mm²	12 mm²	12 mm²

Ideal Chamfer Margins

FIGURE 1

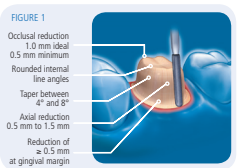
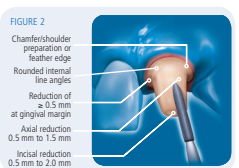


FIGURE 2



Feather Edge Margin

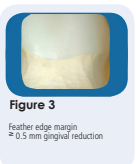


Figure 3

Feather edge margin
≈ 0.5 mm gingival reduction

Cementation and Bonding Reference

Zirlux® restorations may be cemented or bonded using conventional cements and luting materials. Resin modified glass ionomers and resin cements are recommended over Zinc Oxide phosphate cements to optimize aesthetic results. Inlays, onlays, and veneers must be adhesively cemented (bonded).

Ceramir® Crown & Bridge — Doxa

RelyX™ Luting Cement — 3M ESPE

GC Fuji Plus® — GC®

Panavia™ F2.0 — kuraray

Multilink® Automix — ivoclar vivadent: passion vision innovation

Refer to the respective manufacturer's instructions for use for proper application of any cementation/bonding materials.

Contact your Zirlux® certified laboratory or Henry Schein Dental to discuss available cements and luting materials.

For More Information or to Prescribe Zirlux®
Contact Your Zirlux® Certified Partner Today!

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