

INTRODUCING THE NEXT GENERATION OF ALL CERAMICS



Dentistry by
Dr. Michele Chalmers

PREPAY 10 UNITS AT \$109. SAVE \$300 (\$30 PER UNIT)

Terms and conditions: Only applies to one unit restorations and not bridges. Shipping and tax not included. Cannot be combined with any other offer or discounts. Program expires Dec. 31, 2019.

Modern Dental's IPS e.max® ZirCAD® Prime delivers premium esthetics and exceptional strength

As the next generation of monolithic ceramics, IPS e.max ZirCAD Prime delivers an unprecedented combination of esthetics and strength. Zirconia durability and innovative gradient technology which provides seamless shade progression, make it an ideal material for single crowns in the smile zone and long-span bridges.

IPS e.max® ZirCAD® Prime	
Cementation: Conventionally cemented	Material: Oxide ceramic
Indications: Single crowns, to 14-unit bridges	Flexural strength: 1200 MPa
Preparations: 0.8 mm for anteriors and 1.0 mm for posteriors	Esthetics: Comparable to glass-ceramics

Experience a new level of all ceramics.

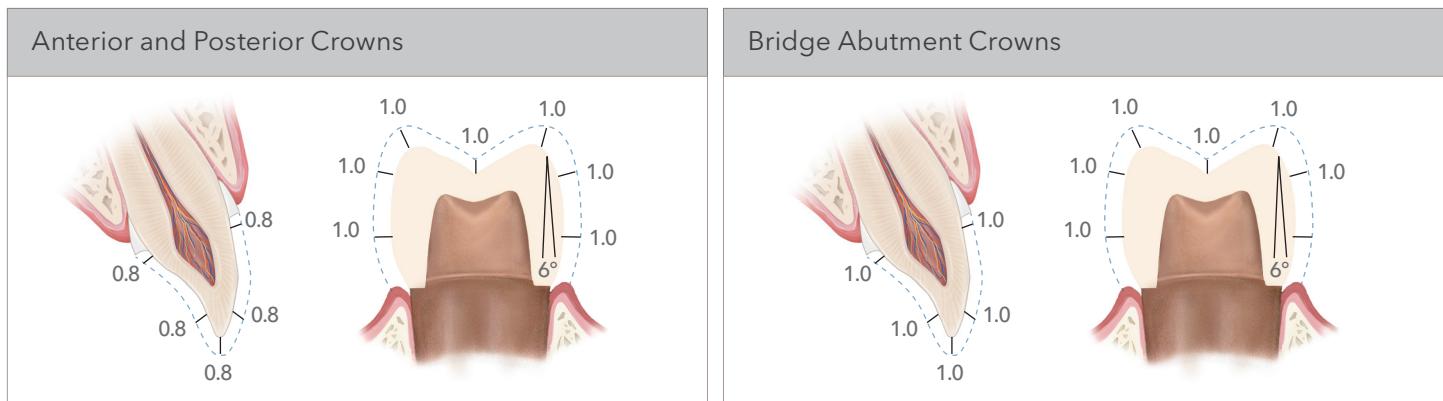
Contact Modern Dental at 877.711.8778 for more information and to schedule a case.

PREPARATION GUIDELINES FOR SUCCESSFUL RESULTS

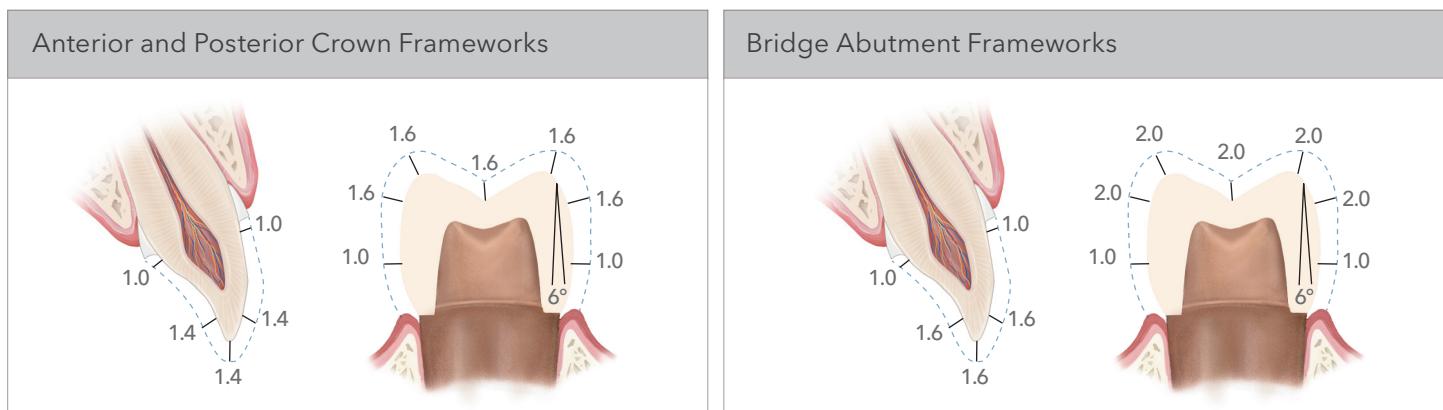
BASIC PREPARATION GUIDELINES

- Do not prepare any angles or edges.
- The ideal preparation is a shoulder preparation with rounded inner edges or a chamfer preparation at an angle of approx. 10°–30°. Width of the shoulder/chamfer, at least 1.0 mm.
- For conventional or self-adhesive cementation, retentive surfaces must be created (preparation height at least 4 mm).
- Preparation angles: 4–8° for conventional and semi-adhesive cementation, > 6° for adhesive cementation.
- The indicated dimensions reflect the minimum thicknesses for IPS e.max® ZirCAD® Prime restorations.
- The radius of the edges of the prepared tooth, particularly in anterior teeth, must be at least as large as the radius of the smallest milling instrument to ensure optimum processing by the CAD/CAM unit.
- In monolithic or fully anatomical restorations, the preparation guidelines refer to the minimum material thicknesses.

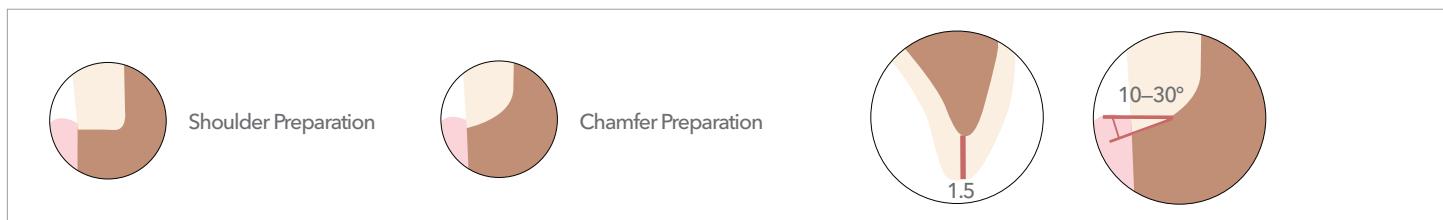
PREPARATION GUIDELINES FOR MONOLITHIC RESTORATIONS



PREPARATION GUIDELINES FOR LAYERED RESTORATIONS



PREPARATION GUIDELINES FOR SHOULDER AND CHAMFER



IPS e.max® Prime
ZirCAD®
Ivoclar Vivadent, IPS e.max, and ZirCAD
are trademarks of Ivoclar Vivadent, Inc.

ModernDentalUSA.com

 **MODERN**
Dental Laboratory USA