**IPSEmpress®**
The ultimate in metal-free esthetics.

**Anterior**
Chairside Preparation Guide

FOR IPS EMPRESS® AND IPS ERIS® RESTORATIONS

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*One pontic and the second premolar as the most distal abutment.

**Full-Coverage Restoration**

**ANTERIOR CROWN PREPARATION**

- 1.0-mm reduction at gingival margin
- Butt joint margin
- 1.5-mm lingual contact clearance
- 1.5-mm to 2.0-mm incisal reduction
- Football-shaped finishing bur

**3-Unit Bridge Restorations**

**3-UNIT BRIDGE PREPARATION**

- Rounded internal line angles
- Butt joint margin
- 1.0-mm reduction at gingival margin
- 1.5-mm axial reduction
- 1.5-mm to 2.0-mm incisal reduction

**Veneers** (IPS Empress® Staining Technique)

**UNIFORM FACIAL PREPARATION**

A medium grit, round-ended, diamond bur is used to remove a uniform thickness of facial enamel by joining the depth-cut grooves.

**INCISAL PREPARATION**

The diamond bur is angled to bevel back the incisal edge.

**CHAMFER MARGINS**

Correct preparation of the chamfer margins interproximally allows the appropriate bulk of porcelain.

*Please note: For additional masking capabilities and/or layering techniques, further reduction may be necessary. Contact your laboratory for further information.*
3-Unit Bridge Restorations

**3-UNIT BRIDGE PREPARATION**

- 1.5-mm to 2.0-mm occlusal reduction
- Rounded internal line angles
- 1.5-mm axial reduction
- Rounded internal line angles
- 1.0-mm reduction at the gingival margin
- 1.5-mm axial reduction
- 1.5-mm to 2.0-mm occlusal reduction
- Butt joint margin

Full-Coverage Restorations

**POSTERIOR CROWN PREPARATION**

- 1.5-mm to 2.0-mm occlusal reduction
- 1.5-mm axial reduction
- Rounded internal line angles
- 1.0-mm reduction at the gingival margin
- A flat-ended tapered diamond bur is utilized to establish a butt joint margin.

**CONVENTIONAL CEMENTATION PREPARATION**

- Taper between 4° and 8°
- Shoulder preparation of at least 1.0-mm proximal reduction
- Occlusal reduction of at least 2.0-mm in contact area
- Coronal length at least 4.0-mm

Inlays/Onlays

- 1.5-mm to 2.0-mm isthmus width
- Butt joint margin
- Rounded internal line angles
- 1.0-mm- to 1.5-mm-wide gingival floor
- 1.5-mm depth at isthmus
- 1.5-mm to 2.0-mm isthmus width
- Butt joint margin
- Rounded internal line angles