FINESSE ALL-CERAMIC AND Calibra esthetic resin cement

Chairside Preparation and Bonding Guide

Finesse® All-Ceramic demonstrates a technological breakthrough in porcelain restorations, exhibiting extraordinary aesthetics, kindness to opposing dentition, and chairside polishability. The following preparation and bonding guidelines for restorative indications of this system will ensure the clinical success of your restorations.

Indications

- Inlays/onlays
- Full-coverage crowns, anterior and premolar
- Veneers

Contraindications

- Parafunctional behavior (e.g., bruxism)
- Short clinical crowns
- Large or immature pulp chambers
- Abnormal occlusal relationships
- Existing periodontal disease

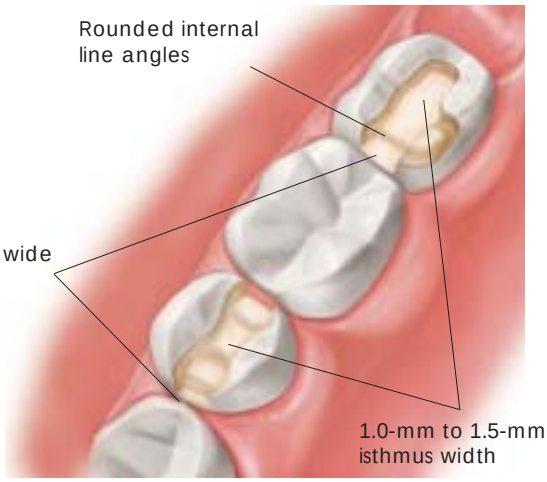
Preparation Guidelines

General Specifications

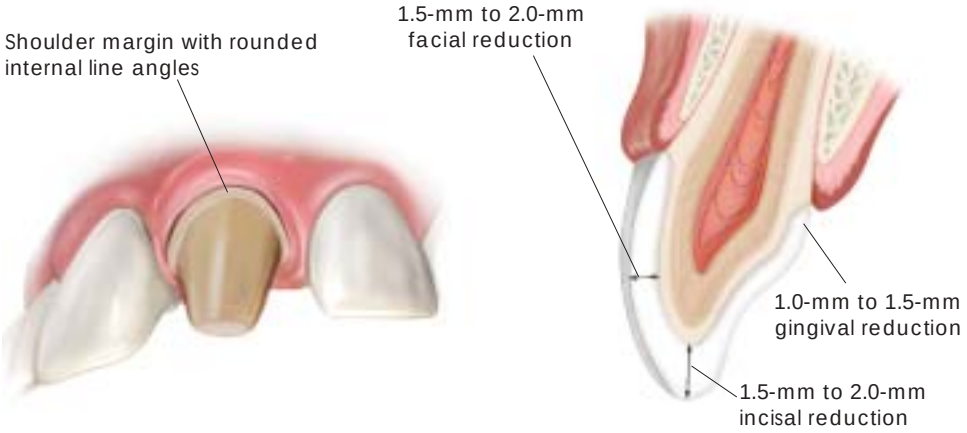
1. Use a shoulder preparation with a rounded line angle or a deep 120° chamfer.
2. Avoid sharp angles and edges.
3. Maintain an even reduction of anatomical form.

Note: Modifications to the following guidelines must be made with caution, using clinical judgment.

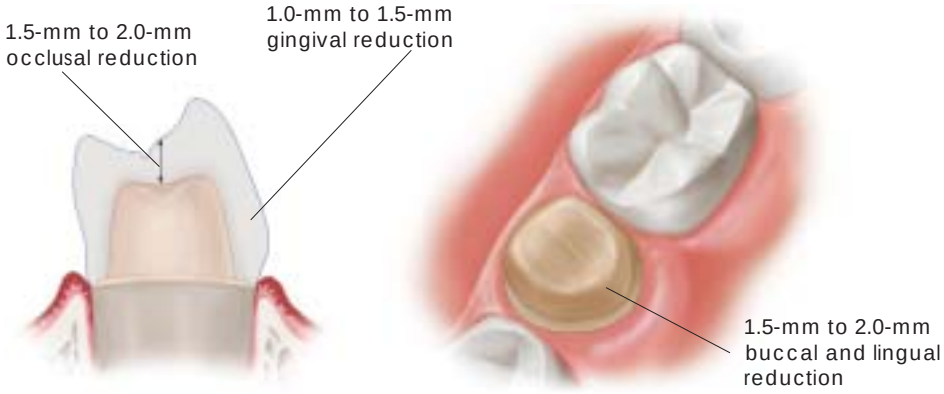
Inlay/Onlay Preparation Protocol



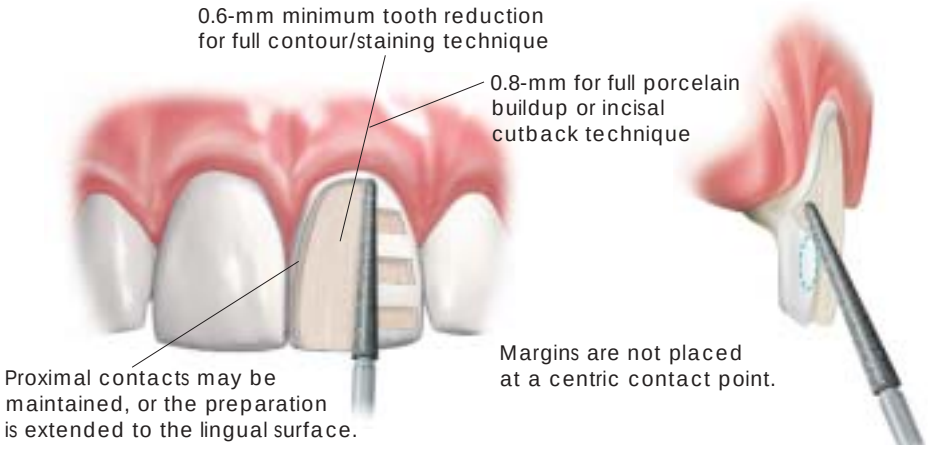
Anterior Full-Coverage Crown Preparation Protocol



Posterior Full-Coverage Crown Preparation Protocol (Premolar)



Veneer Preparation Protocol



Bonding with Calibra

Finesse All-Ceramic restorations require a simple clinical protocol. Providing the technician with the shade of the prepared tooth as well as the final shade will ensure the desired result and simplify cementation.

Select a light-curing or dual-curing new generation resin cement and adhesive system (e.g., Calibra® Esthetic Resin Cement and Prime & Bond® NT™ Dual Cure Dental Adhesive System, DENTSPLY Caulk, Milford, DE). **Always follow the manufacturer's directions.** An abbreviated technique follows:

STEP 1: Remove the provisional restoration. Clean and dry the site.

STEP 2: Verify the fit of the restoration utilizing a try-in paste or glycerin.

STEP 3: Isolate the prepared tooth with a rubber dam and retainer.

STEP 4: Apply and light-cure the dental adhesive (e.g., Prime & Bond® NT™).

STEP 5: Treat the internal aspects of the restoration with a silane coupling agent.

STEP 6: Apply an aesthetic resin cement (e.g., Calibra® Esthetic Resin Cement) to the surfaces of the restoration.

STEP 7: Seat the restoration and remove gross excess cement.

STEP 8: Light-cure the entire restoration from all surfaces.

STEP 9: Adjust and finish with fine diamonds and polishers.

Shade Matching

To ensure the accuracy and natural beauty of the restoration and to avoid the need for shade adjustments during cementation techniques, it is important to provide the ceramist with the shade of the preparation, as well as the final desired shade. The Finesse All-Ceramic die material and corresponding shade guide have been developed to aid in this communication.

The Finesse All-Ceramic die material system includes 12 shades specifically selected to mimic the prepared dentition. The specially formulated die material enables the ceramist to simulate the form and shade of the prepared tooth to more accurately achieve the final result desired when the restoration is placed in the mouth. The ceramist can utilize translucency and color to achieve a truly lifelike appearance.

For more information on the Calibra® Esthetic Resin Cement, contact your local dental distributor or Dentsply Caulk at 800-532-2855 or www.dentsply.com

Calibra Complete Kit item # 607060
Calibra Operatory Kit item # 607059

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