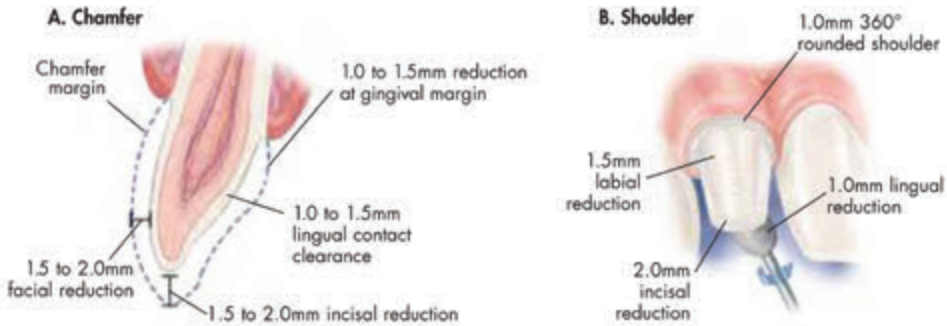
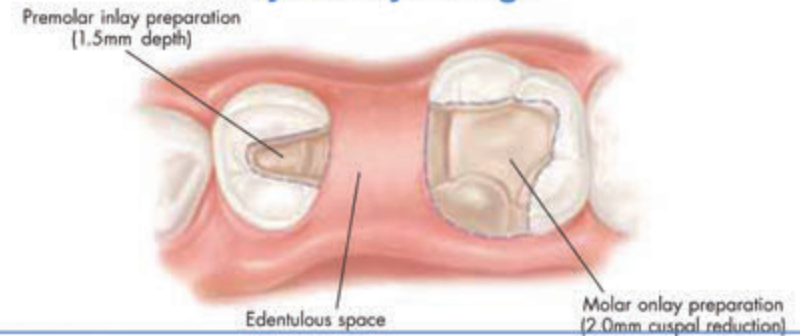


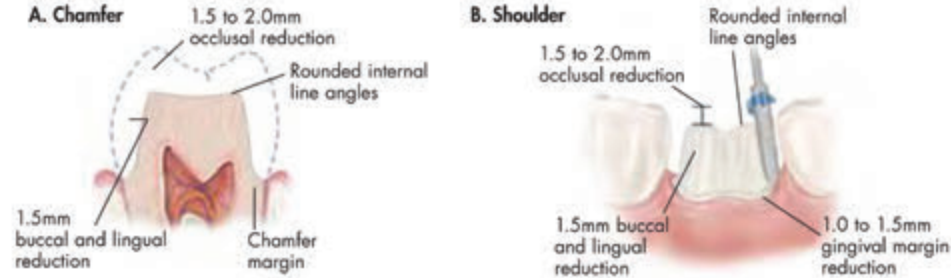
## Anterior All-Ceramic Crowns



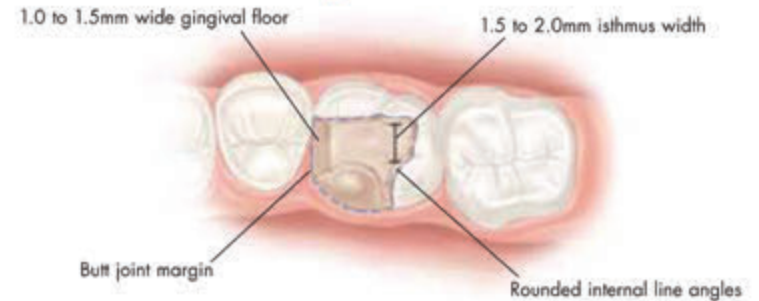
## Inlay/Onlay Bridge



## Posterior All-Ceramic Crowns



## Onlay Molars



## Anterior All-Ceramic Bridge



## Veneers

### Uniform Facial Preparation

A medium-grit round-ended diamond is used to join the depth cut grooves to establish a uniform preparation and porcelain thickness of at least 1.0mm.



### Lingual Reduction to Increase Length

The diamond is angled to eliminate undercuts and establish a butt joint on the lingual aspect of the preparation. The incisal edge should be rounded to eliminate sharp line angles.



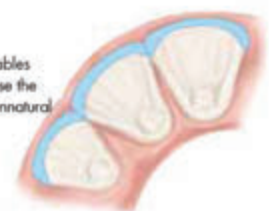
### Chamfer Margins

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



### A "Slice-Preparation"

This technique enables the ceramist to close the space and avoid unnatural lingual contours.



## Inlay Posterior





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## Stump Shades

Creating a highly esthetic restoration involves the combination of several factors. The way light reacts with a material, the shading of a patient's adjacent teeth and the shade of the ceramic material all play an important role in making a restoration look lifelike.

One of the biggest factors involved with matching a restoration to the natural dentition is the shade of the preparation. The optical properties of ceramics make them ideal for creating a realistic crown, but they also have a tendency to show the color of the underlying tooth structure. This is why it is absolutely critical to communicate the shade of the tooth preparation to us so that we can give you and your patients the best possible result.

In order to help easily convey this preparation shade information to us, Ivoclar Vivadent makes the Natural Die Shade Guide. This shade guide shows some of the most common preparation shades seen in oral environment and corresponds with the die material used in the laboratory while fabricating a restoration.

By providing Southern Craft the information about the patient's preparation shade along with the final shade desired to match the natural dentition, we can fabricate the most realistic and true-to-nature restorative which will leave you and your patients smiling.



With a Stump



Without a Stump

## Taking Digital Photos

**For Trying to Capture Shades** – Take one photo straight on the surface of the tooth with the shade tab on the same plane as the tooth. (Figure A)



Figure A

**For Trying to Capture Texture** – Take one photo at a 30° angle to the surface of the tooth. (Figure B)



Figure B

**For Shade Tab Selection** – Use the middle of the tabs to find the base shade. Use the incisal of the tabs to find your incisal shade. Use the gingival of the tabs to find your gingival shade. More than one tab may be needed to find the base, incisal and gingival shades.

### Recommended Camera/Ring-flash Setup

- Nikon SLR Camera (D70, D90)
- Sigma Ring-flash
- 105 mm Nikon Macro Lens