

# Vit-escence™

*Esthetic Restorative Material*



*Layering Guide*

# *One Shade*

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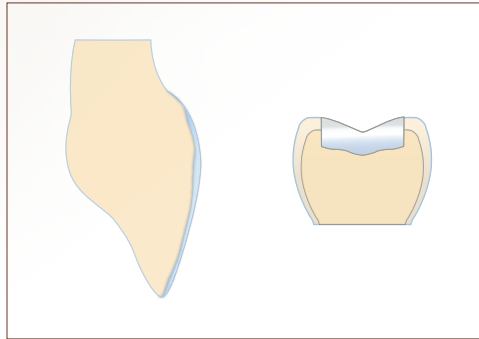
## *Final Layer Option*

For a single layer, place approximately 0.5 mm of Pearl Frost (PF) or Pearl Neutral (PN) to enhance the restoration and allow the underlying chroma to show through.

## *Whitened?*

If YES, use Pearl Frost. If NO, use Pearl Neutral

## *Finish and Polish*



# Two Shades

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## *Double Layer Option*

If dentin is missing, replace with the appropriate dentin shade.

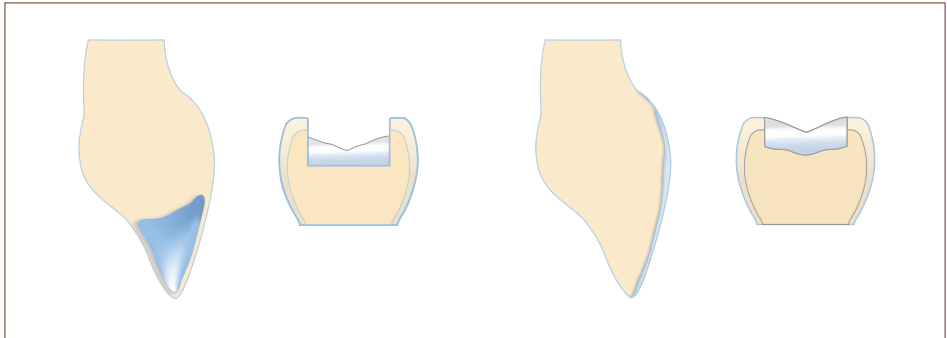
## *Final Layer Option*

For a single layer, place approximately 0.5 mm of Pearl Frost (PF) or Pearl Neutral (PN) to enhance the restoration and allow the underlying chroma to show through.

## *Whitened?*

If YES, use Pearl Frost. If NO, use Pearl Neutral

## *Finish and Polish*



# Three Shades

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## *Block Out Option*

For larger restorations, place Opaque Snow (OS) as the lingual or first layer to eliminate show through. If dentin is missing, replace with the appropriate dentin shade.

## *Characterization Option*

If characterization is needed, place tiny vertical stripes of Trans Gray (TG) to create mamelons, or, to achieve a halo effect, place a collar of Trans Mist (TM) just shy of the incisal edge.

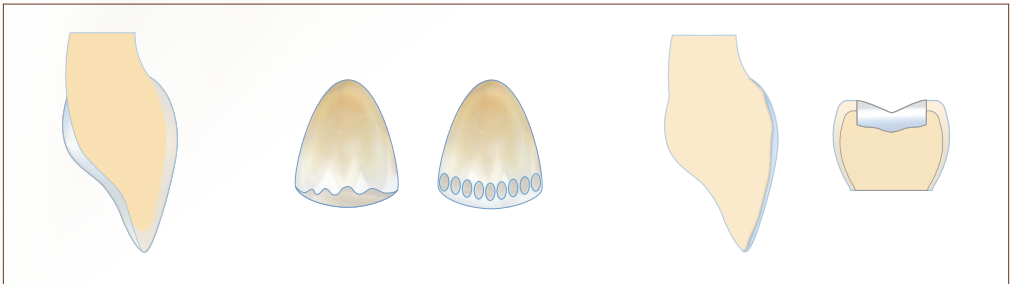
## *Final Layer Option*

For a single layer, place approximately 0.5 mm of Pearl Frost (PF) or Pearl Neutral (PN) to enhance the restoration and allow the underlying chroma to show through.

## *Whitened?*

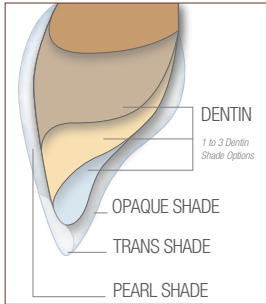
If YES, use Pearl Frost. If NO, use Pearl Neutral

## *Finish and Polish*



# Advanced Steps

## Additional Characterization Options



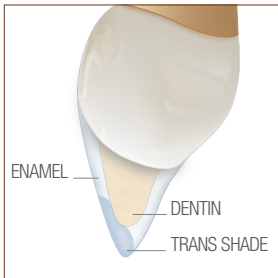
### Characterization

Pearl Frost, Pearl Neutral, Pearl Smoke, Iridescent Blue, Opaque White, Opaque Snow



### Translucence

Pearl Frost, Pearl Neutral, Pearl Smoke, Trans Gray, Trans Blue, Iridescent Blue



\*Characterization and translucence descriptions taken from the following study: Vanini L, Mangani FM. Determination and communication of color using the five color dimensions of teeth. *Pract Proced Aesthet Dent* 2001;13(1):19-26.

# Master Options

## The Complete Vit-I-escence Technique

Vit-I-escence Dentin



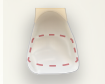
Shades: A, B, C, D

1

### SELECT HUE

Identify the hue at the gingival third of the tooth and choose the best dentin shade accordingly.

Vit-I-escence Enamel



Shades: 1, 2, 3, 3.5, 4, 5, 6

2

### ESTABLISH CHROMA

Identify the level of saturation at the middle third of the tooth. This may be the same dentin shade determining hue or could be an additional 1 or 2 dentin shades.



Shades: Pearl Frost, Pearl Neutral, Pearl Smoke, Pearl Amber

3

### DETERMINE VALUE

Use a value shade guide to identify the value of the tooth. Accurately replicating the value defines form and creates realistic spatial perceptions.



Shades: Trans Smoke, Trans Mist, Trans Ice, Trans Blue, Trans Gray, Iridescent Blue

4

### IDENTIFY TRANSLUCENCY

Translucency is typically seen at the incisal edge. Iridescent Blue reflects light in the yellow to blue range, adding dimension.



Shades: Opaque White, Opaque Snow

5

### IDENTIFY UNIQUE OPACIOUS AREAS

Replicate very bright, high-value areas such as hypocalcification, decalcification, stains, etc. Opaque shades can also be used for masking or blocking out dark dentin or enamel. Opaque White is the most opaque and has the highest value.

### Glossary of Terms:

**Hue:** The wavelength of reflected light as determined by the dentin shade. The individual color of the tooth.

**Shade:** The variance in hue due to the introduction of a darker color. A hue with a darker value.

**Chroma:** The level of saturation, or the intensity of the hue.

**Value:** The lightness or darkness of the tooth.

**Translucency:** The ability of a tooth to permit the passage of light.

**Opacity:** The ability of a tooth to block the passage of light.

# Tips and Tricks

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Bring Vit-I-escence composite to room temperature prior to use for a more sculptable composite.



Use Teflon<sup>®</sup>\* tape as an interproximal matrix to protect the adjacent tooth while providing the tightest possible contact.



Use Jiffy<sup>™</sup> Polishers to achieve natural-looking shine.



Use Ultradent<sup>™</sup> Composite Wetting Resin instead of a bonding agent to facilitate adaptation of composite and enhance glide on instruments or brushes. Bonding agents can introduce new chemistry to the composite and may change its shade after curing.

\* Not a registered trademark of Ultradent Products, Inc.

# Vit-escence™

Combine these Ultradent products with Vit-I-escence composite to provide quick, beautiful, and minimally invasive esthetic options to your patients.

Ultra-Etch™  
Etchant



Peak™ SE  
Primer

Peak™  
Universal Bond  
Adhesive



Composite Wetting Resin

VALO X™  
Curing Light



Jiffy™  
Finishing Systems



Etch & Bond

Composite

Curing

Finishing