

# *Composite Artistry:*

*Conservative, Versatile,  
Underused*

*Presented by*

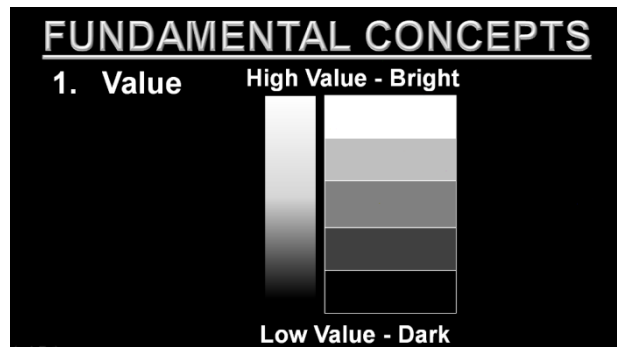
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*[www.ronjacksondds.com](http://www.ronjacksondds.com)*

**FIFTH QUARTER SEMINARS**

**Yosemite, California**  
November 3, 2013

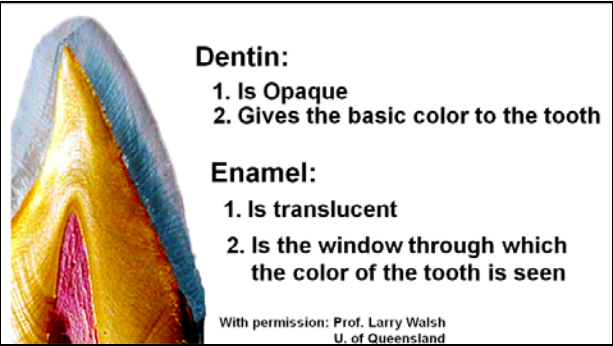
## MATERIALS LIST COMPOSITE ARTISTRY

<b>Placement Instruments:</b>	RJ 3 Mini TN (AECRJ3MTNZ) or Goldstein Flexi-thin CIGFT Mini 3 by Hu-Friedy IPC-T by American Eagle Instruments (800-551-5172or <a href="http://www.am-eagle.com">www.am-eagle.com</a> ) Goldfogel #1 (TNCCIA), Goldstein Flexi-thin CIGFT 3 Paddle shape by Hu-Friedy Composite Placement Instruments (Green and Gold) by Almore (800-547-1511) #2 Chisel Blender Brush (7450) by Loew Cornell (Art Store) #1 Brush by Cosmedent (800-621-6729) In Canada – Clinical Research Dental <a href="http://www.clinicalresearchdental.com">www.clinicalresearchdental.com</a> CompoRoller by Kerr OptraSculpt and OptraSculpt Pad by Ivoclar
<b>Adhesives:</b>	ExciteF by Ivoclar, All Bond TE by Bisco (800- BIDENT), Optibond Solo Plus by Kerr, Single Bond Plus by 3M/Espe, PQ1 by Ultradent (800-552-5512) <b>Self-etching:</b> All Bond SE by Bisco, Optibond XTR by Kerr
<b>Opaquers:</b>	Empress Direct Color Opaquer by Ivoclar, Kolor Plus A1 Opaque by Kerr or Creative Color Opaquers by Cosmedent
<b>Composites:</b>	Empress Direct by Ivoclar (Kit According to Ron Jackson: Dentins – A1, A2, A3, A3.5, A4, B1, B2, C3, D2, L, and XL Enamels – A1, A2, A3, A3.5, A4, B1, B2, B3, B4, C2, C3, D2, D3, L and XL Trans – Trans 30 (Clear) and Opalescent) Esthelite Omega (Tokuyama) Esthet-X HD by Dentsply Point 4 or Premise by Kerr Filtek Supreme Ultra by 3M/Espe Vit-I-escence by Ultradent Renamel Restorative System by Cosmedent
<b>Colors:</b>	Empress Direct Color by Ivoclar, Esthelite Color by Tokuyama
<b>Preparation &amp; Finishing burs:</b>	LVI Global Anterior Direct Resin Placement and Finishing Kit (LS-7573) by Axis (800-355-5063)
<b>Finishing discs:</b>	Optidisc by Kerr
<b>Diamond strips:</b>	NTI Serrated Diamond Strips by Axis, Diamond strips by Brasseler, etc. (Wide and Narrow (Coarse, Medium and Fine))
<b>Aluminum Oxide strips:</b>	Epitex by GC America or others 3M, Cosmedent, etc.
<b>Finishing points, discs, and cups:</b>	Astropol by Ivoclar, Enhance by Dentsply
<b>Miscellaneous:</b>	TapeTrix by Cognident (888-822-4890 or <a href="http://www.cognident.com">www.cognident.com</a> ), OptraGate by Ivoclar, Optilume TruShade by Optident available thru Clinician's Choice (In Canada – CRD), Rite Lite by Addent ( <a href="http://www.addent.com">www.addent.com</a> ), Lube Cube by Centrix ( <a href="http://www.centrixdental.com">www.centrixdental.com</a> )
<b>Vita Guide (Vident) arranged to Value:</b>	B1, A1, D2, B2, C1, A2, A3, C2, D3, B3, B4, D4, A3.5, C3, A4 and C4

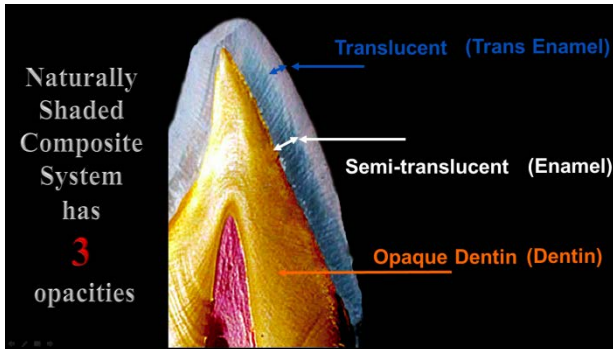


# FUNDAMENTAL CONCEPTS

1. Value
2. Opacity/Translucency
3. Form
4. Color
  - Value
  - Hue
  - Chroma
5. Characterizations
6. Texture and Surface Contour

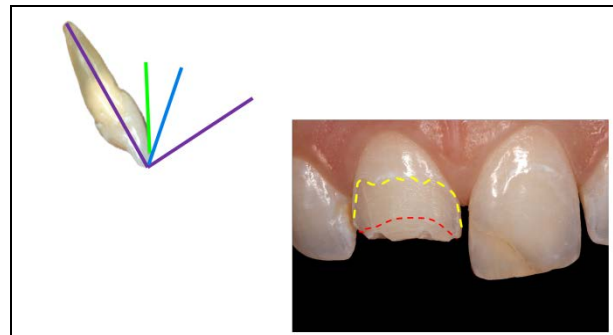


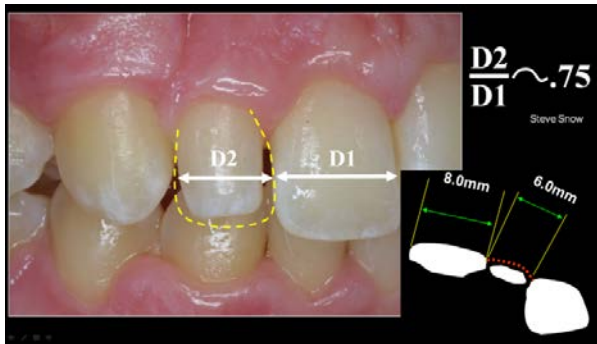
1. Naturally Shaded Composite System: Shades, Opacity and Fluorescence of DENTIN, as well as the Shades, Translucency and Opalescence of ENAMEL.
2. A layered placement technique to achieve polychroma



## Naturally Shaded Composites

<b>Renamel</b> (Cosmedent)	<b>2<sup>nd</sup> Generation</b>
<b>Esthet•X</b> (Dentsply)	<b>Esthet•X HD</b>
<b>Point 4</b> (Kerr)	<b>Premise</b>
<b>Vit-l-escence</b> (Ultradent)	
<b>Venus</b> (Kulzer)	<b>Venus Diamond</b>
<b>Filtek Supreme</b> (3M/Espe)	<b>F Supreme Ultra</b>
<b>4 Seasons</b> (Ivoclar)	<b>Empress Direct</b>





## **FINISHING and POLISHING TECHNIQUES for ANTERIOR DIRECT RESINS**

- 1) Use fine and extra-fine Finishing diamonds to shape initial contour and margins.
- 2) Use aluminum oxide discs, coarse and medium for additional shaping of incisal embrasures and line angles.
- 3) Use Epitex (my preference) (wet) or aluminum oxide strips to smooth and finish interproximal areas. Sometimes diamond strips may be necessary.
- 4) Use Astropol F Gray cup (wet) to smooth. Rotate from tooth to composite.
- 5) Use Astropol P Green cup (wet) to begin polish.
- 6) Use Astropol F Gray point (wet) to place surface contour.
- 7) Use Astropol P Green Disc (wet) to soften edges of contour.
- 8) Use the Astropol HP Pink Cup (wet) with medium/light touch to take the surface to a high polish.
- 9) Finally, use Astrobrush (Ivoclar) or Jiffy Brush (Ultradent) (dry) with light touch to take the surface to the highest polish

**Refer to materials list for products and manufacturers.**

## **MAINTENANCE INSTRUCTIONS FOR THE HYGIENIST**

The following are suggestions to maintain these restorations for maximum longevity and appearance.

- 1) Do **NOT** use Sonic Scalers around margins of esthetic restorations
- 2) If there is no stain present on the veneers leave alone do **NOT** use any **PROPHY PASTE**.
- 3) If stain is present – use any one of the following pastes:
  - a. Proxylt Fine by Ivoclar
  - b. Prisma Gloss Extra Fine by Dentsply CaulkPolish with very light pressure
- 4) If one of the above pastes are used to remove stain, repolish the surface to an Enamel Luster using the **Astropol High Polish (Pink) Cup by Ivoclar with water**, rotating from tooth structure to material using **LIGHT PRESSURE**. Obtain high gloss using a Silicone Carbide impregnated brush such as the Astrobrush by Ivoclar or Jiffy Brush by Ultradent, dry with feather light pressure and Medium/High speed.
- 5) Do **NOT** use Acidulated Phosphate fluoride (APF) or Stannous fluoride. Only Neutral Sodium fluoride (NSF) should be used.

## PATIENT INSTRUCTIONS for CARE OF DIRECT RESIN VENEERS

*Congratulations!* You have just received the most up-to-date, state of the art composite resin veneer dentistry has to offer.

Your cosmetic enhancement has been accomplished with the following materials: \_\_\_\_\_

To insure maximum beauty and longevity, a few points should be mentioned:

1. Brush with an ultra-soft toothbrush at least 2 times a day. Floss at least once a day, preferably before bedtime.
2. Although it is possible for Direct Composite Resin materials to pick up surface stains from foods, usually it is less than that seen on natural teeth. Staining will be less if you avoid or try to keep to a minimum tobacco, coffee, tea, soy sauce, curry, colas, grape juice, blueberries or red wine. Brush and floss normally. Do not use any abrasive toothpastes.  
**NOTE:** Veneers rarely need polishing at appointments with your hygienist. Please see the special instructions you were given for your hygienist. If you no longer have them please, call Geraldine at 540-687-8075.
3. Do not rinse routinely with mouthwashes that contain alcohol. Alcohol can soften bonded composite resin. If mouthwash is desired, a solution of ½ hydrogen peroxide and ½ water could be used or select a non-alcohol containing mouthwash such as Breath Rx or Rembrandt.
4. Sodium fluoride is the only home fluoride that should be used. Stannous fluoride or acidulated phosphate fluoride are not recommended for composite resin bonding or porcelain. ACT is a sodium fluoride rinse and can be recommended for home use.
5. Habits such as opening packages with your teeth, biting thread, chewing ice, nail biting or pipe smoking should be avoided. Avoid direct biting into ribs, bones, hard candy, nuts or hard bread and rolls. This puts stress on the material and could result in a fracture. Be aware that certain foods such as spare ribs, corn on the cob, carrots and apples can also put added stress on bonded teeth and possibly increase the need for repairs. Most kinds of sandwiches are not a problem.
6. If a chip or a fracture does occur, the veneer can usually be renewed using the same material. It is a short appointment and the fee is similar to that for a restoration for a front tooth.
7. How long bonding lasts depends on many things. It's a lot like getting a new set of tires. How long they last depends on the quality of the tire, the type of road surfaces traveled, the way you drive and how many miles you drive in a year. In the same manner, longevity of your veneers depends on your habits and how much stress is placed on the front teeth.
8. Since your cosmetic bonding is accomplished in a single office visit, your teeth will feel different to your lips and tongue when you first close your mouth. This is normal and to be expected when changes have been made to the shape and size of the teeth. Sometimes, your speech may change or be affected in the beginning until your tongue adapts to the changes. Even though the changes are slight, (measurable only in millimeters), your mouth is extremely sensitive and will exaggerate those feelings at first. Usually, after a couple of days, the feelings lessen and your mouth will feel normal again.

## RESOURCES

The International Association of Comprehensive Aesthetics (IACA) 866-669-4222 or [www.theiaca.com](http://www.theiaca.com)

### **Live Patient Hands-On Course:**

Mastering Dynamic Adhesion: Practical Science, Predictable Techniques (3days) at The Las Vegas Institute for Advanced Dental Studies 888-584-3237 or [www.lviglobal.com](http://www.lviglobal.com)

### **Live Patient Videos by Dr. Jackson:**

- Esthetic Restorative Excellence with Inlays/Onlays available through Geraldine at 540-687-8075 or [geraldine@ronjacksondds.com](mailto:geraldine@ronjacksondds.com)

### **Photography Equipment:**

- Washington Scientific Camera - Box 88681 Seattle, Washington 98138 253-863-2854 or [wscrcz@aol.com](mailto:wscrcz@aol.com)
- Norman Camera - 3602 S. Westnedge Kalamazoo, Michigan 49008 800-900-6676 or [www.normancamera.com](http://www.normancamera.com)

### **Photography/Software Courses:**

- Dr. Greg Lutke – Dallas Dental Solutions Plano, Texas 866-801-9733 or [www.dental-solutions.com](http://www.dental-solutions.com)

### **Photo Mounts** (to send photos to patients):

(UP#488 – “*Your New Smile*”) Ultradent Products, Inc. 800-552-5512 or [www.ultradent.com](http://www.ultradent.com)

### **Reality and “Reality Now”**

Esthetic Dentistry Research Group  
[www.realityesthetics.com](http://www.realityesthetics.com)  
(800) 544 – 4999

### **Journal of Adhesive Dentistry**

Quintessence Publishing Co., Inc.  
[www.quintpub.com](http://www.quintpub.com)  
(630) 682 – 3223

### **Patient Financing:**

#### **CareCredit**

[www.carecredit.com](http://www.carecredit.com)  
800-300-3046

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12. **Point 4/Premise Technique Manual**, Kerr
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