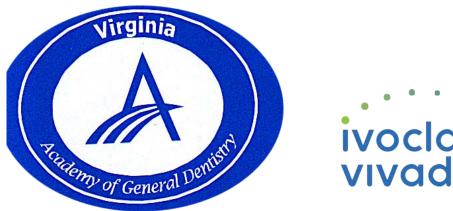
Composite Artistry:

Give Your Patients Something to Smile About

Presented by

Ronald D. Jackson, D.D.S., F.A.C.D, F.A.G.D., F.A.A.C.D. www.ronjacksondds.com

Sponsored by

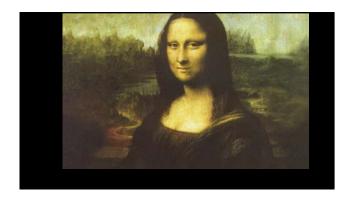




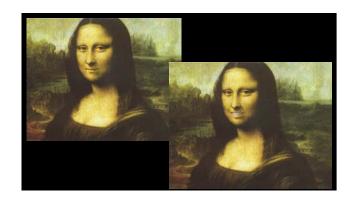
Glen Allen, Virginia February 20, 2015

MATERIALS LIST COMPOSITE ARTISTRY

Placement Instruments:	RJ 3 Mini TN (AECRJ3MTNZ) or Goldstein Flexi-thin CIGFT Mini 3 by Hu-
i iacement matruments.	Friedy
	IPC-T by American Eagle Instruments (800-551-5172or www.am-eagle.com)
	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 (<u>www.clinicalresearchdental.com</u>)
	CompoRoller by Kerr
	OptraSculpt and OptraSculpt Pad by Ivoclar
Adhesives:	ExciteF by Ivoclar, All Bond TE by Bisco (800- BISDENT), Optibond Solo Plus
	by Kerr, Single Bond Plus by 3M/Espe,PQ1 by Ultradent
	(www.clinicalresearchdental.com)
	Self-etching: Optibond XTR by Kerr, Adhese Universal by Ivoclar, All Bond SE
	by Bisco
Opaquers:	Empress Direct Color Opaquer by Ivoclar, Kolor Plus A1 Opaque by Kerr or
- Ladas. c.	Creative Color Opaquers by Cosmedent
Composites:	Empress Direct by Ivoclar
Composites.	(Kit According to Ron Jackson:
	1 '
	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)
	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
Colors:	Empress Direct Color by Ivoclar, Creative Color by Cosmedent, Kolor Plus by
	Kerr
Preparation & Finishing	Anterior Direct Preparation & Finishing Kit #K0600 by Brasseler
burs:	(www.brasselerusa.com) or LVI Global Anterior Direct Resin Placement and
burs.	Finishing Kit (LS-7573) by Axis (800-355-5063)
Finishing discs:	Optidisc by Kerr
Diamond strips:	NTI Serrated Diamond Strips by Axis, Diamond strips by Brasseler, etc.
	(Wide and Narrow (Coarse, Medium and Fine))
Aluminum Oxide strips:	Epitex by GC America or others 3M, Cosmedent, etc.
Finishing points, discs,	Astropol by Ivoclar, Enhance by Dentsply
and cups:	
Miscellaneous:	TapeTrix by Cognident (888-822-4890 or www.cognident.com), OptraGate by
	Ivoclar, Optilume TruShade by Optident available thru Clinical Research Dental,
	Rite Lite 2 by Addent (www.addent.com), Dental Trim-ERZ by Spectrim
1	(www.dentaltrimmers.com), Lube Cube by Centrix (www.centrixdental.com)
Vita Guide (Vident)	(www.dentaltrimmers.com), Lube Cube by Centrix (www.centrixdental.com) B1 A1 D2 B2 C1 A2 A3 C2 D3 B3 B4 D4 A3 5 C3 A4 and C4
Vita Guide (Vident) arranged to Value:	B1, A1, D2, B2, C1, A2, A3, C2, D3, B3, B4, D4, A3.5, C3, A4 and C4





















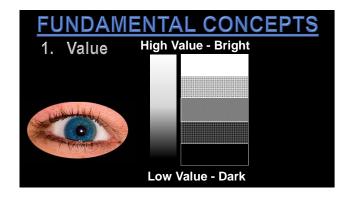


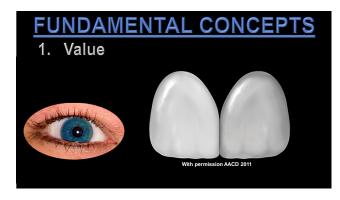


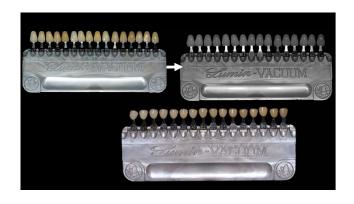


COMPOSITE ARTISTRY

is a learned skill that takes Study and Practice.



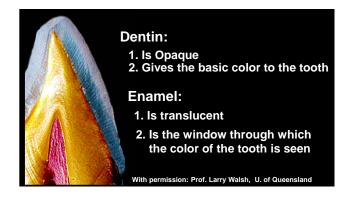




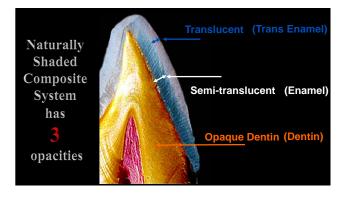
FUNDAMENTAL CONCEPTS

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

Objective: Replace missing tooth structure with <u>artificial</u> materials that appear <u>natural</u>.







Naturally Shaded Composites

Renamel (Cosmedent)

Esthet•X (Dentsply)

Point 4 (Kerr)

Vit-l-escence (Ultradent)

Venus (Kulzer)

Filtek Supreme (3M/Espe)

4 Seasons (Ivoclar)

Pard Generation

Esthet•X HD

Premise

V Diamond/Pearl

F Supreme Ultra

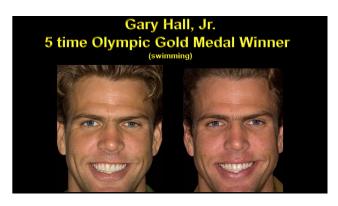
Empress Direct











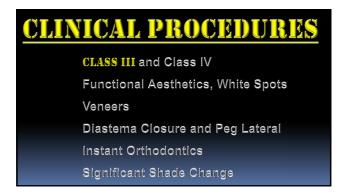








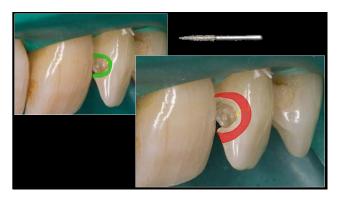




















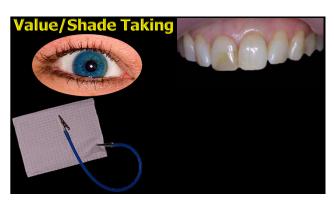






























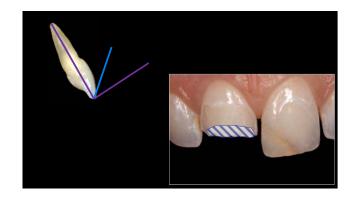


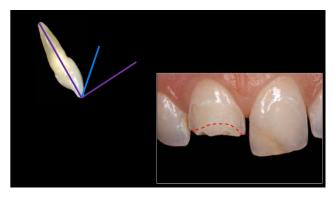


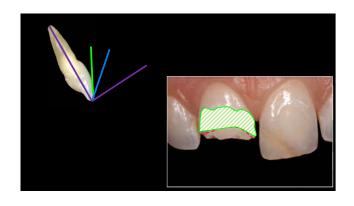


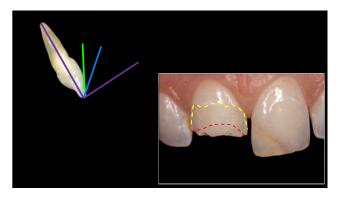






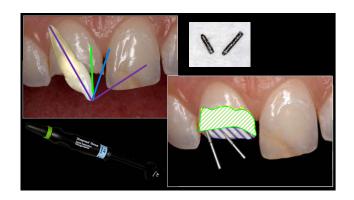








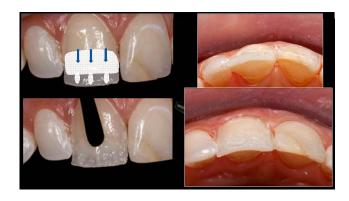


























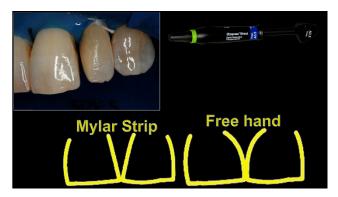














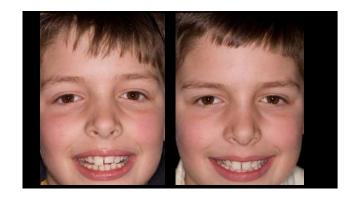








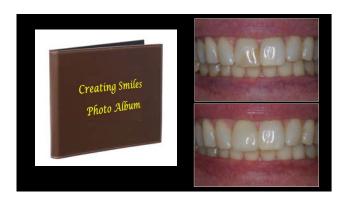


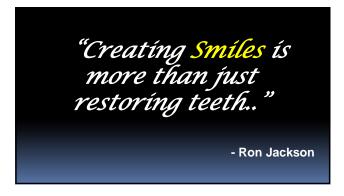


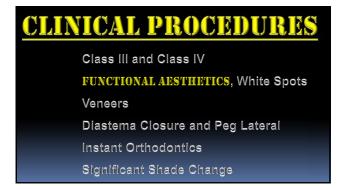


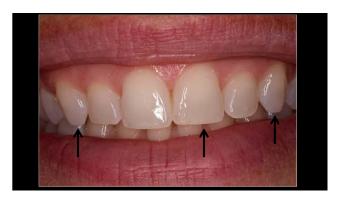








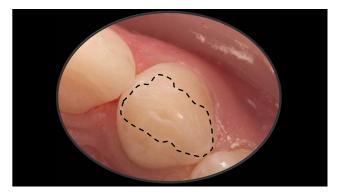






















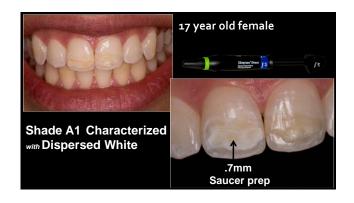


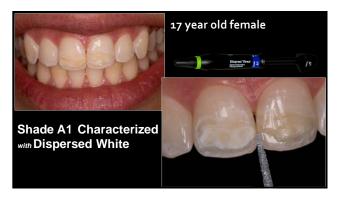










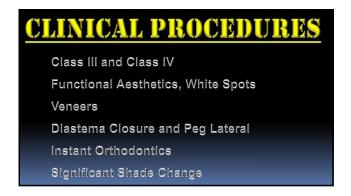


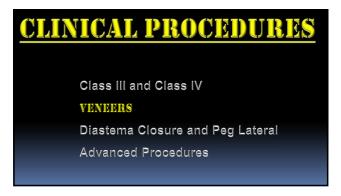
































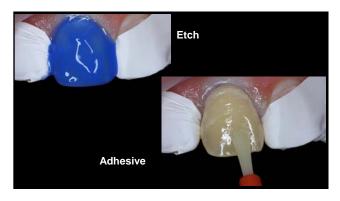




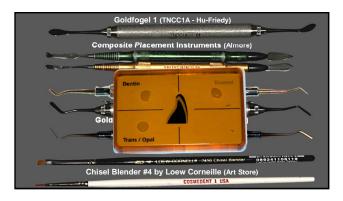










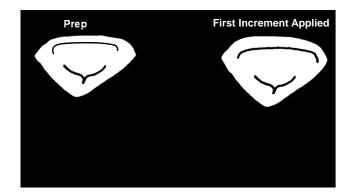


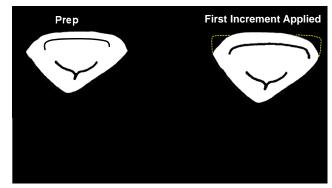


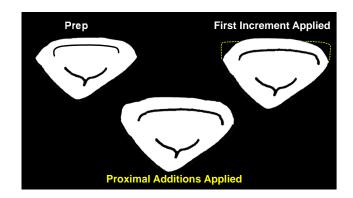


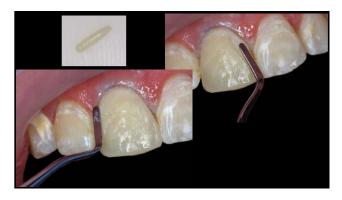












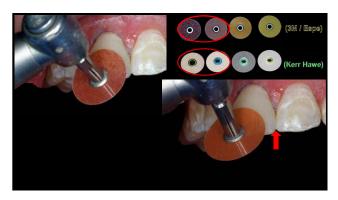


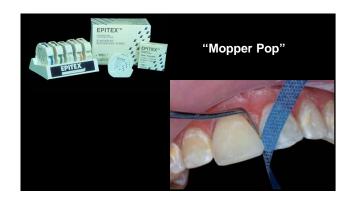


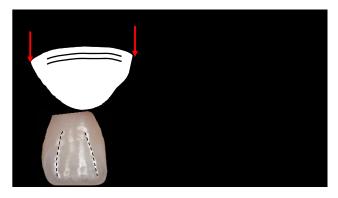


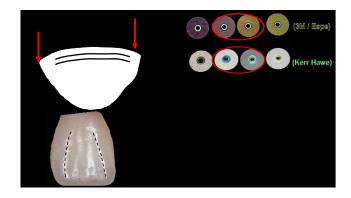




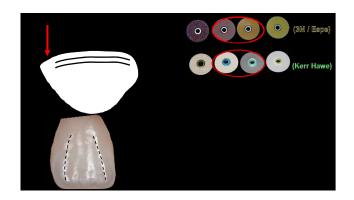




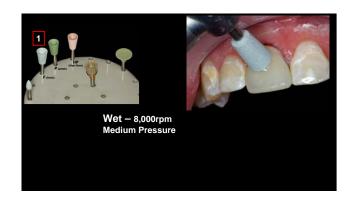


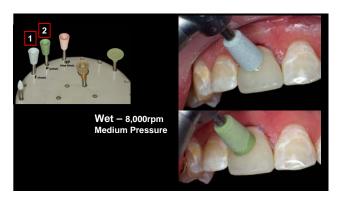


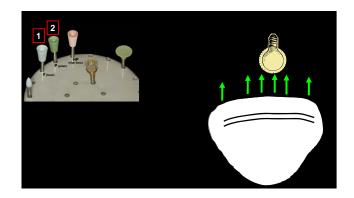


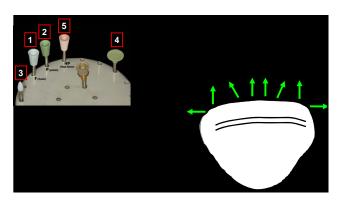


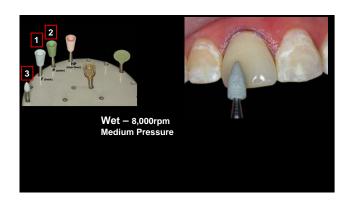


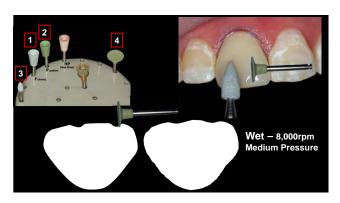




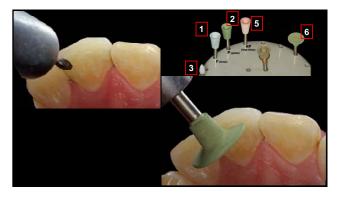












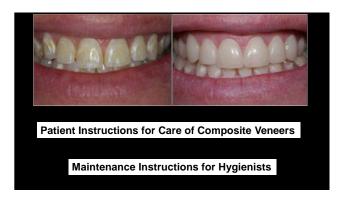




















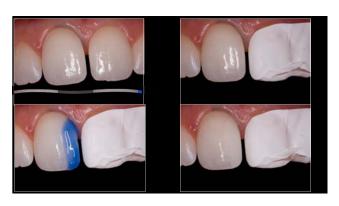




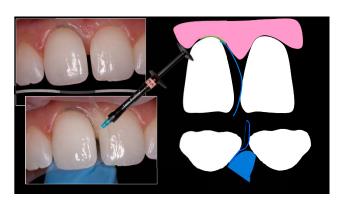














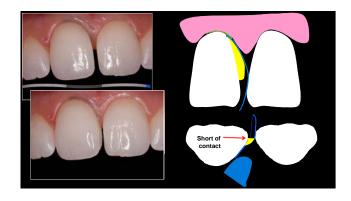






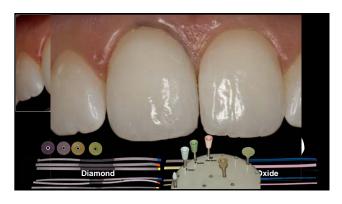




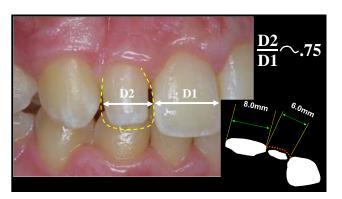


















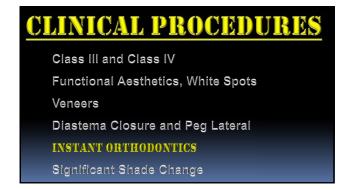












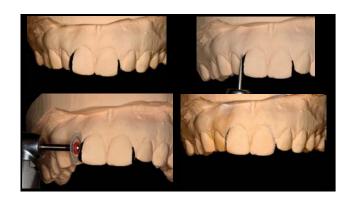


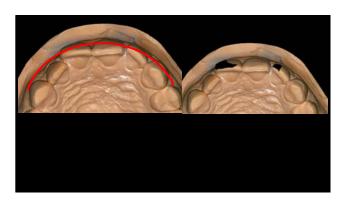


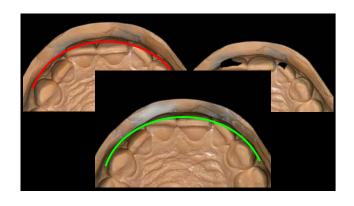


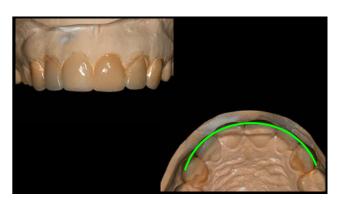




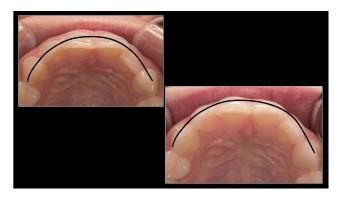


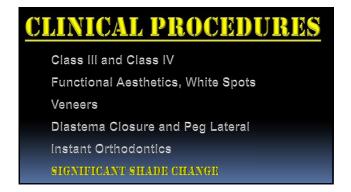














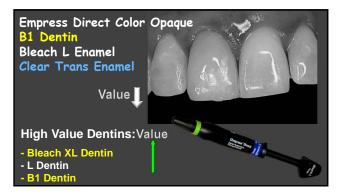






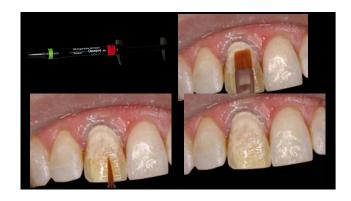










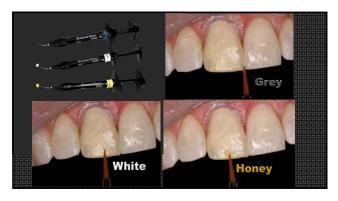






















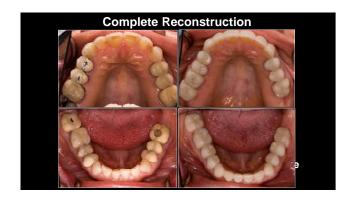


























Benefits of Direct Composite Resin For the PATIENT:

- 1. Esthetics
- 2. Gets to keep tooth structure for future use

For the DENTIST:

- 1. Satisfies mission of health care provider Do No Harm
- 2. Joy of Creation
- 3. Receives from patient more than gratitude:

Benefits of Direct Composite Resin For the PATIENT: 1. Esthetics 2. Gets to keep tooth structure for future us For the DENTIST: 1. Satisfies mission of the provider – Do No Harm 2. Joy of Creetion 1 patient more than gratitude:

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. Proxyt Fine by Ivoclar
 - b. Prisma Gloss Extra Fine by Dentsply Caulk

Polish with very light pressure

- 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 <u>LIGHT PRESSURE</u>. 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 <u>NOT</u> 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 accom	plished with the	following materia	ıls:

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

American Academy of Cosmetic Dentistry (AACD) 800-543-9220 or www.aacd.com

Photography Equipment:

- Washington Scientific Camera Box 88681 Seattle, Washington 98138 253-863-2854 or wscerz@aol.com
- Norman Camera 3602 S. Westnedge Kalamazoo, Michigan 49008 800-900-6676 or www.normancamera.com

Photography/Software Courses:

 Dr. Greg Lutke – Dallas Dental Solutions Plano, Texas 866-801-9733 or 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

Reality and "Reality Now"
Esthetic Dentistry Research Group
www.realityesthetics.com
(800) 544 – 4999

Journal of Adhesive Dentistry Quintessence Publishing Co., Inc. www.quintpub.com (630) 682 – 3223

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- 10. Esthet·X HD Technique Manual, Dentsply
- 11. **Premise Technique Manual, Kerr**
- 12. Filtek Supreme Ultra Technique Manual, 3M/Espe
- 13. Empress Direct Technique Manual, Ivoclar