

VICTORIA L. WALLACE, LDA

Dental Materials Update and Troubleshooting

Dental materials change daily. Keeping up with these changes can be very important to the success of the dental procedure. Dentists count on their dental assistants to help out with this responsibility. We will discuss some important, need to know knowledge, about chemistry used every day in the dental office.

BPA...

What is it, how does it affect what we do, and do we know how to explain it to our patients if they ask.

- 1.) What is it
- 2.) How does it affect our daily life
- 3.) How do we educate our patients if they ask about it

Adhesives...

- 1.) What is BisGMA
- 2.) Primers
- 3.) Bonding agents
- 4.) Generations
- 5.) Hybrid layer
- 6.) Oxygen Inhibition layer
- 7.) Polymerization – types of curing techniques
- 8.) Collagen, MMP's and Chlorhexidine Gluconate

RMGI...

- 1.) What are glass ionomers / resin modified glass ionomers
- 2.) Proper usage and prep
- 3.) When and where is it used

Chemistry used in Whitening...

- 1.) What is the difference between hydrogen peroxide and carbamide peroxide
- 2.) Desensitizers
- 3.) Sensitivity issues
- 4.) Patient education and compliance

Desensitizers

Cements

- 1.) Different types
- 2.) Uses
- 3.) Chemistry
- 4.) Handling properties

Ceramics

- 1.) Different types
- 2.) Handling
- 3.) Cements to use and not to use with ceramics

Miscellaneous Chemistry Troubleshooting

Enamel shades of composite

Staining during prepping and creating hemostasis in-direct restoration prep

Endodontic chemistries

Temporary cements and provisionals

Darker shade at cervical 1/3 of tooth after tooth whitening and white spots during whitening

Equipment
cleaning

Doctor and Assistant New Product
review

Protective Eyewear for ALL!

Thank you for attending today's program. I encourage you to continue to read and research products you work with every day. Knowledge is power, and knowledge leads to longer lasting restorations.

Victoria L. Wallace, LDA

