

PowPointers

June 2012

Resin Cements

“The key to a beautiful and clinically successful restoration lies in the process of cementing the restoration. The cementation process provides the link between the restoration and the tooth structure ensuring both strength and beauty.”

With this in mind, Ivoclar Vivadent offers technical advice for e.max restorations. A variety of cements have been created to meet both clinical indications and to optimise esthetics. Combined with crown and bridge restorations created at Pow Laboratories you will achieve a superior, life-like restoration that will give your patient the healthy, beautiful smile they deserve.

Adhesive resin cements

For maximum bond strengths and in situations where adequate retention is not possible in the prep design (e.g. veneers, inlays/onlays) adhesive cementation is recommended.

There are no minimum requirements for adhesive cementation. Adhesive cementation will provide higher-immediate bond strengths and a better marginal seal.



Self-Adhesive resin cements

Self-adhesive resin cements combine an easy conventional cementation technique, with the advantages of “resin luting-composite”; increased strength, low solubility, high-level radiopacity and light-cure capabilities. Due to the lower bond strengths offered by this category of cements, it is strongly recommended that self-adhesive resin cements only be utilized in situations where a conventional cement would normally be used; retentive prep design, high-strength restoration with adequate thickness and tight fit.

Self-Adhesive Resin Cements

High-strength restorations only

- Lithium disilicate (e.g. IPS e.max)
- Metal & Metal-Ceramic
- Oxide Ceramic (Zirconia, Alumina)

Adequate retention in prep design

- Less than 8 degree taper
- Minimum 4mm height

Adequate thickness of restoration

- Greater than 1.0mm for anterior
- Greater than 1.5 mm for posterior

Adhesive Resin Cements

All types of restorations

- Including Feldspathic and Leucite

Any preparation design

- Retentive and non-retentive

Any thickness

- Including “thin” veneer restorations

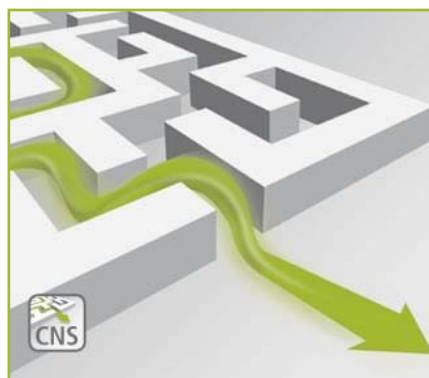
IPS e.max® Cementation Guide

Step-by-Step Cementation of IPS e.max restorations using various cements recommended by Ivoclar Vivadent

STEPS	SpeedCEM	Multilink Automix	Variolink II	Variolink Veneer
Condition Tooth Preparation	(Not required)	(Not required)	Etch dentin with 37% phosphoric acid for 15 seconds (30 seconds on enamel) Rinse and dry leaving dentin slightly moist.	Etch dentin with 37% phosphoric acid for 15 seconds (30 seconds on enamel) Rinse and dry leaving dentin slightly moist.
Apply Bonding Agent	(Not required)	(1) Scrub 1:1 mixture of Primer A&B on dentin for 15 secs (30 seconds on enamel). (2) Air dry.	(1) Scrub ExcITE into preparation for 10 seconds. (2) Air dry & light cure for 10 seconds	(1) Scrub ExcITE into preparation for 10 seconds. (2) Air dry & light cure for 10 seconds
Load Cement	Load cement into (HF etched and silanated) IPS e.max restoration.			
Seat	Seat restoration to place.			
Clean-up	Follow preferred clean-up technique.			



For more information call Pow Laboratories at 1-800-265-4052, your Ivoclar Vivadent representative, or visit the Ivoclar website to use the new Cementation Navigation System at www.cementation-navigation.com



CEMENTATION NAVIGATION SYSTEM

Finding your way out of the cements maze

2012 ODA Annual Spring Meeting



On May 10th and 11th the doctors and auxiliaries met at the Toronto Convention Center for the Annual Spring Meeting. As one of Canada's largest dental meetings, participants enjoyed continuing education programs, the New Products Symposium and the annual Trade Show. Chris, Hassan, Frank, Brian and Lori enjoyed seeing our doctors and their teams and making some new friends. We are always happy to answer your lab related questions and this convention gives us the opportunity to discuss materials, new technologies and to share our many products and services in a unique environment. Thank you to all who dropped by the booth and for those that could not attend, we hope to see you next year.

Surveys

Recently we sent out surveys to our clients in an effort to learn how we can serve you and your patients better. To all that have returned your surveys: a big "Thank You!" If you haven't had a chance to send it back yet, it is not too late. We encourage your communication and appreciate you taking the time to fill it out. If you would like another copy, please feel free to contact Natalie Ryan at 1 800 265 4052 (ext 210) or email at nryan@powlab.com.

Spring 2012 Auxiliary Night

Pow Laboratories Inc was proud to present our 2012 Auxiliary Night on Thursday, May 31. Sandie Baillargeon presented Empower Your Dental Team with Powerful Communication Skills to over 80 attendees. Based on Inscape's DiSC® Classic Dimensions of Behaviour, participants learned how to better understand their own behaviour, when and how to adapt their own behaviours and to appreciate others. All of these tools will help to enhance performance by both individuals and teams and aid in conflict reduction. If you would like more information from Sandie, please contact her directly at (905)336-7624.



upcoming seminars

2012 Continuing Education Events held at Pow

October 12, 2012 Advanced Implantology by Dr. Najib Saad

This full day program is presented by the Schulich School of Dentistry. Please call UWO to register at 1-888-281-1428.

Oct 26, 2012 Cementation/Prep design for e.max Workshop

Presented by Ivoclar with a hands on component. 10:00 AM -1:30 PM.

Fall 2012 Noble BioCare All-on-4 Program

Speaker and Date to be announced.

2012 Continuing Education and Industry Events sponsored by Pow

Sept 20-21, 2012 Denturist Association of Ontario- Perfecting Your Practice
Huntsville, ON

September 28, 2012 UWO Homecoming, London Convention Center

This full day program is sponsored by the Schulich School of Dentistry
Please call UWO to register at 1-888-281-1428.

Natalie Ryan can be reached by email or phone to confirm your attendance at our Continuing Education programs. Email: nryan@powlab.com Phone extension: 210

