WINTER 2010 NEWSLETTER

PETERMAN DENTAL LABORATORY

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What is e.max® Press?

A family of products and a variety of processing techniques, e.max® can be difficult to understand and to communicate. Simply stated, it is a ceramic system designed to provide esthetic, all-ceramic solutions for most indications.

Jerry Rollins, CDT
Fixed Manager

e.max® Press Ceramic Benefits:

- Cementable
- Precise Fit
- Consistent shades
- Pressing eliminates porcelain porosity-higher strength
- No Condensation Shrinkage- reduce chairside adjustments
- Pre-manufactured ingots eliminate technical errors

Indications

Veneers: Thin veneers, prepless veneers, and stronger veneers are in demand. A stronger material than Empress, e.max has enhanced shade capabilities with varied opacity levels. Pressed to ≥.3mm thickness.

Anterior Crowns: Anterior e.max crowns can be pressed to full contour and stained. Or, e.max is pressed to coping size, and then layered for enhanced esthetics.

Posterior Crowns: The e.max "Monolithic", meaning "one stone" crown, provides form, function, and strength for posterior crowns. See discussion below.

Why a Monolithic Crown

The weakness in zirconia crowns, even in traditional PFM's, is not the coping but rather the layered ceramic (90-110mpa) and the veneer coping interface (25-40mpa). Most observers agree, ceramic failures, whether on metal or zirconia, fail at these two "weak" points. An e.max pressed "Monolithic" crown has no interface, and no layered veneer. And because the ceramic ingots are blended with dentin-colored and translucent ceramics, these posterior crowns match posterior dentition with slight translucency in cusp tips.

*A "Stump" or "Prep" shade is required in order to make the e.max monolithic. If a stump shade is not provided we can only do the regular e.max.

Is There Still a Place for Zirconia (Lava)?

We absolutely think so! Hundreds of thousands of zirconia units have been cemented and are successful after 7 years. Although recent news and advertising have highlighted some reasons for failure (inadequate substructure support or lack of laboratory expertise), many Peterman clients continue to experience success and we see no reason to suggest a change. Zirconia works well when proper treatment guidelines are followed. We especially recommend zirconia for all-ceramic bridges.

Save $25 on Every All-Ceramic Case in February!

Happy Valentine's Month from Peterman Dental Lab!

Lee Ann Plott, New Team Member

Peterman would like you to help us welcome our new administrator, Lee Ann Plott. She brings 21 years experience to our management team. Please feel free to contact Lee Ann if you have questions regarding your statements or payment options. She will be happy to help!

Lee Ann Plott
Administrator

Welcome to Peterman Dental Laboratory!

Give Your Patients The Best Over-Denture Possible with Peterman

H. Kris Dillard, CDT
Removable Manager

Peterman Dental Laboratory has the experience and expertise to offer the best possible technical assistance with treatment planning and estimates on implant retained over-dentures. We are familiar with all the major implant systems so you can be sure to offer a hygienic over-denture with natural esthetics.

Peterman offers a variety of designs for precision superstructures that fit any patient situation. These superstructures are screwed directly onto the dental implant and our preferred design contains snap into locator attachments (as shown below).

The attachment/superstructure configuration from Peterman will securely maintain a denture while the patient eats and speaks, and allows the patient to comfortably and easily remove the prosthesis for cleaning purposes.

Remember at Peterman "your case" is our most important case. We care for your patients restorations as though they were our very own. For more information give us a call at 800-476-1670.

All of Peterman's restorations are fabricated in the USA, using FDA approved materials which meet ADA requirements and are either ISO Certified, CE Standard, or both.