

3M ESPE's Lava™ Crowns and Bridges Offer More Restorative Options

LavaSystem 3.0 Software delivers additional indications

News Article

ST. PAUL, Minn. - (May 15, 2005) — 3M ESPE's Lava™ Crowns and Bridges System now features an upgraded software program — LavaSystem 3.0 Software — designed to offer the flexibility that comes with a wider range of indications, in addition to delivering increases in production and efficiency.

"With more than 25 years experience in zirconia research and technology and five year clinical results with Lava crowns and bridges, 3M ESPE is setting the standards in the industry," said Jim Buchanan, marketing and sales manager — laboratory products, 3M ESPE. "Each new upgrade brings more versatility and productivity to the system, giving dentists and labs more restorative options."

Now dentists have more flexibility when utilizing Lava crowns and bridges, including single crowns, 3- and 4-unit bridges with multiple abutments, splinted crowns (up to four units), and cantilever bridges (except single abutment) from pre-sintered zirconia blanks. Additionally, cement and expansion gap designs can now be digitally customized for each unit as each abutment is individually adjustable, delivering better visual control and resulting in further improvements to the already excellent fit for which Lava restorations are known.

Lava crowns and bridges are restorations that are fracture-resistant and considered inert with respect to biocompatibility, providing one of the most durable all-ceramic restorations available today. The high strength and natural esthetics of the framework mean that, as compared to many other all-ceramic systems, often less tooth structure is removed during clinical preparation and cementation can be accomplished using proven, RelyX™ Unicem Self-Adhesive Universal Resin Cement or with conventional techniques using the following recommended cements from 3M ESPE: RelyX™ Luting Plus Cement or RelyX™ Luting Cement, such as those utilized with PFM materials.

3M ESPE utilizes a patented coloring liquid, allowing the choice of seven dentin shades plus one unshaded for crown copings and bridge frameworks. The colorable zirconia frameworks are thin and translucent, helping to ensure a natural tooth appearance. The end result is a restoration ideal for crowns, splinted crowns, and three- and four-unit bridge applications that offer strength and stability, in addition to outstanding marginal fit and esthetics.

Lava crowns and bridges are available to all dentists and their labs through Authorized Lava™ Milling Centers throughout the United States. 3M ESPE warrants for five years from the date of placement that copings or substructures made out of Lava™ Frame Zirconia will not break if fabricated by an Authorized Lava™ Milling Center on Lava™ Equipment in strict compliance with approved indications and instructions for use for Lava Crowns and Bridges.* For a list of Authorized Lava Milling Centers, visit www.3MESPE.com/Lava.

* Limited Warranty and Limited Remedy

3M ESPE MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. 3M ESPE's sole obligation and the customer's sole remedy in the event of any breakage of the framework shall be limited to replacement of the milled and sintered framework, or at 3M ESPE's option, reimbursement of the milled and sintered framework at a fair market price. This warranty does not cover breakage resulting from accident or misuse, nor any additional costs such as but not limited to the cost of preparation or veneering.

Limitation of Liability

Except where prohibited by law, 3M ESPE will not be liable for any loss or damages arising from this product, whether direct, indirect, special, incidental or consequential, regardless of the theory asserted, including warranty, contract, negligence or strict liability.

3M ESPE manufactures and markets more than 2,000 products and services designed to