By Sulzer Mixpac Staff

Sulzer Mixpac has developed a new one-component system for hygienic dental applications: the 1 ml system. The product has a standard Luer Lock, which provides a highly secure connection because of its screw-thread design. It comes with three different, bendable and rotatable cannulas.

The company reports that its 1 ml application system has an innovative, flexible cannula, which is available in three different gauges: 18, 20 and 22. “The metal cannula on our Luer Lock tips is 360-degree rotatable and can be bent up to 180 degrees without reducing the inner diameter and the material flow. This allows an individual and safe application of low-visibility to gel materials in difficult clinical situations,” said Anja Stouten, the company’s head of product management.

The metal cannula is rounded by a vitratory finishing process. Because of this special surface treatment, the metal is deburred, and therefore the cannula is optically and safe to handle up on the patient, according to the company. For the production of the 1 ml system, only high-quality, FDA-listed materials are used. This is the case for the plastic materials as well as for the medical stainless-steel cannula. The application process is described by the company as being “intuitive.”

The ergonomic design of the 1 ml cartridge ensures a stable and precise application. The coated silicone O-ring facilitates optimal care and outcomes, said Dr. Lou Shuman, Dr. Kevin Aminzadeh, Dr. Douglas Chernin, Dr. Lou Graham, Dr. Dhwaker Kinra, Dr. Lisa Koenig, Christine Taxin, Dr. Terry Work, Dr. Gy Yatros, Laura Howerton, RDH, and Art Curley.

“Being the go-to partner for dentists means offering more than just a stellar product. 3DU is an expression of our commitment to the dental team — wanting them to be educated and empowered to use state-of-the-art technology in delivering optimal care and outcomes,” said Pankaj Jaggi, senior director, marketing, for KaVo Kerr Imaging. “We are excited to present a program that will offer tips dentists can put into use right away, as well as concepts that will benefit them in long-term strategizing for the dental practice.”

The venue for 3DU, 20 minutes north of downtown Dallas, is the Omni Frisco Hotel. Just outside is entertainment and shopping at The Star, the new social hub of Frisco and home of the Dallas Cowboys. Hotel arrangements made by Aug. 31 can qualify for the 3DU special rate. Register at www.Dental3DU.com.

(Source: KaVo Kerr)

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Speakers announced for Dental 3D University 2017

KaVo Kerr will host its third annual Dental 3D University (3DU), featuring imaging solutions from KaVo®, Instrumentarium® and Gendex®. The two-day event, Sept. 29-30 in Dallas, offers dental professionals an educational environment dedicated to core bears 3-D CBCT solutions.

The event offers dentists, staff and dental students the opportunity to earn up to 9.3 C.E. credits from sessions on incorporating 3-D into your practice and maximizing its investment, implant planning with CBCT and Appelblatt on the California Dental Association — the glue that puts this all together.”

Hatcher said. “He loves anatomic- sity, he loves to teach and he’s good at it. “Dr. Asadi is engineering some very clever things here. He’s bringing together disparate experiences to focus on one problem. All of us (Asadi, Hatcher and Appelblatt) work with anatomy but through a different lens,” Hatcher said.

“Hopefully, our combined experience and expertise make a good course.” Appelblatt added “We’re all taking care of our patients and we all want the same thing, which is the best for each and every one of them, so from whatever point of view we come at this, we should talk about things more — and that’s what’s going to happen.”

“Dental Sleep Medicine, Head and Neck, TMD and Airway Dissection and CBCT Cadaver Workshop” is scheduled for 9 a.m. to noon, Thursday, Aug. 24, at CDA Presents San Francisco. The three-hour workshop offers 3.0 core units and will repeat at 1:30 p.m. To learn more about this workshop, you can view a video interview with Hatcher and Appelblatt on the California Dental Association’s YouTube channel.

Also learn more in the CDA Presents Program at www.cdadepresents.com/32017.

(Source: California Dental Association)
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Restorative material can be used for virtually any indication in the mouth

By Glidewell Laboratories Staff

Obsidian® lithium silicate ceramic is a state-of-the-art restorative material that can be used for ceramic fused to metal, all-ceramic and chairside-milled cases. According to the company, this versatility enables clinicians to prescribe a single material for virtually any indication in the mouth. A simplified workflow can ensue because using Obsidian can facilitate a cohesive appearance across the arch, even when the oral situation demands multiple types of restorations.

According to Glidewell, Obsidian offers more than four times the flexural strength and twice the chip resistance as traditional feldspathic porcelain. Furthermore, the translucency and esthetics of the material match those of dentition, making Obsidian the optimal combination of utility and beauty, the company asserts.

Pressed to metal

The latest release in the product line, Obsidian Pressed to Metal, provides a PFM-like restoration for today’s clinician. Rather than fusing feldspathic porcelain to cast metal, Obsidian lithium silicate ceramic is pressed to laser-sintered understructures to form modernized ceramo-metal restorations. Each case is designed digitally and fabricated through unique computer-controlled processes, for precise restorations. The understructures are made through a method in which a programmable laser beam strikes metal powder to build the desired shape, layer by layer. The anatomicity is formed by heat-pressing lithium silicate ceramic into a 3-D printed mold. Finished Obsidian Pressed to Metal crowns and bridges can achieve far greater strength than their conventional PFM predecessors. According to the company, these natural-looking, chip-resistant restorations are ideal for covering dark preps and endodontic posts. Indications include crowns and bridges anywhere in the arch, and screw-retained and cemented implant restorations.

All-ceramic

Obsidian All-Ceramic restorations are made from the same lithium silicate ceramic used for the pressed to metal restorations, meaning that monolithic and ceramo-metal prostheses can be placed adjacent to one another with successful results. According to the company, these all-ceramic restorations mirror the vitality and translucency of natural dentition, and are indicated for individual anterior and posterior crowns, veneers, inlays, onlays and three-unit anterior bridges.

Obsidian lithium silicate ceramic restorative material can be used for ceramic fused to metal, all-ceramic and chairside-milled cases.

Photo/Provided by Glidewell Laboratories

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