According to Shofu Dental, capturing high-quality clinical photographs in a predictable and consistent manner has been the hallmark of EyeSpecial C-2, the first digital camera designed exclusively for dentistry.

A third-time recipient of the prestigious Cellerant’s Best in Class Technology Award, the EyeSpecial C-2 captures images for case documentation, diagnosis and treatment planning, patient communication and education, insurance verification, legal documentation and dental lab collaboration.

Proprietary to Shofu’s camera are dental-specific, pre-programmed shooting modes that enable clinicians, assistants, hygienists and dental laboratory technicians to navigate through their photography tasks without the need of extensive photographic knowledge or experience.

For instance, in order to record orthodontic photographs with the EyeSpecial camera, an operator will just need to select the button corresponding to FACE MODE to capture extroral images.

In a similar method, an operator will choose STANDARD MODE to achieve anterior and buccal intraoral photographs, and MIRROR MODE to accomplish occlusal pictures.

For every step of any photo series, the EyeSpecial will automatically set the appropriate f-stop, aperture and focal length to deliver an ideal photograph, leaving an operator with the selection of a pre-programmed mode.

Incorporating intuitive, high-tech functions tailored specifically for dentistry, the EyeSpecial camera is designed to handle dental applications without requiring any retrofitted add-ons. Specifically, one of the more useful features of Shofu’s camera is the ISOLATE SHADE MODE, which instantly grays out the gingival tissue to improve visual peracapcity for accurate shade analysis and communication with a dental laboratory technician.

When combined with a draw/edit function, which allows for making notes directly on images, this attribute may be of a value for an effective treatment evaluation or a discussion about the progress or challenges in a treatment modality.

Equipped with a cropped-frame, high-resolution sensor and ultra-innovative FlashMatic module, a proprietary system of ring and dual-point flashes, Shofu’s camera demonstrates true-color reproduction and an exceptional depth-of-field range, according to the company.

Engineered to provide functionality, the ultralight (weighing ca. 1 lb) EyeSpecial camera complies with the most stringent infection control protocols. The heavy-duty camera’s body is water-, chemical- and scratch-resistant, and it can be swiftly disinfected with a sterilizing towelette, virtually eliminating the possibility of cross-contamination.

The latest model of this smart camera, EyeSpecial C-3, is packed with plenty of milestone upgrades, including a larger sensor, a faster processor, optimized software and a higher resolution LCD screen, all of which will help the entire dental team achieve their photography tasks in a more intuitive, faster and easier fashion, the company asserts.

For a live camera demonstration and to learn how the new EyeSpecial C-3 can improve communication with your dental laboratory and patients, stop by the Shofu booth, No. 945.
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TODAY’S SCHEDULE

NEW! IN-BOOTH THEATER PRESENTATIONS

11:00AM  MARKETING MYTHS & REALITIES FOR DENTISTS

GLASS CLASSROOM #5800

9:45AM-12:45PM
50 THINGS YOU DIDN’T KNOW DENTRIX COULD DO
By: Miranda Reed

2:00PM-5:00PM
DOUBLE YOUR PRODUCTION TOMORROW
By: Wendy Briggs

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Bone growth in eight weeks
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By Robert Selleck, today Staff

One of the most popular giveaways in the GNYDM exhibit hall in recent years has been the bone augmentation sample available from J. Morita USA (booth No. 4615). The company’s Foundation collagen-based bone filling augmentation material, introduced in the United States five years ago, has quickly become one of the most sought after on the market.

As a bonus, though, if you listen to a quick overview about the material’s benefits in the booth, you can also walk away with a small but powerful Bluetooth speaker — another highly popular giveaway.

And while the speaker is really cool, it’s details about Foundation that the folks in the J. Morita booth would really like you to listen to. “There is no other product on the market that grows bone this quickly,” said Walid Wardaki, vice president merchandise sales with J. Morita USA, after affirming one of the material’s most appealing qualities: Clinical studies have repeatedly documented the material’s ability to quickly stimulate new bone growth, enabling implants to be placed as early as eight weeks after an extraction.

But it’s not just the material’s speed that has converted so many users from their prior materials of choice. “It’s far less labor-intensive,” Wardaki said. “There is no mixing and no need to place a membrane, which alone can cost $100.” Wardaki said that means the cost of a Foundation plug is less than the cost of a typical membrane alone — and far lower in cost than human bone and other augmentation materials.

The material was developed by J. Morita researchers in Japan 12 years ago, initially in sheet form to help burn victims. The material was so successful, though, it prompted researchers to investigate how it would perform in dentistry to stimulate bone growth. The results were immediately impressive, and the product quickly claimed 95 percent of the Japanese dental bone-augmentation market.

“The secret behind it, or what makes it so unique,” Wardaki said, “is that the researchers learned that (in the manufacturing), if you heat 100-percent bovine collagen, it will perform much more effectively.” The surrounding cells and capillaries infiltrate into the material much more quickly.

If you’re unable to visit the booth to learn more — and get your free Bluetooth speaker — you can request a sample plug of Foundation (in an individual sterilized packet and container) via the J. Morita website, www.morita.com/usa. The material comes in two sizes of plugs, or “bullets,” small and medium. It is sold in three packaging choices: 10 small, five medium or a mix of three small and three medium.
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VISIT BOOTH #4609 NOW TO EXPERIENCE THE MIDMARK DIFFERENCE.
Today’s dentists can choose between a number of proven restorative materials. There has been a large decline in porcelain fused to metal (PFM) crown restorations in favor of increasingly popular lithium disilicate and zirconia restorations. These newer materials are stronger and more esthetic. However, many practitioners have found that most self-adhesive luting cements do not interact well with these materials and other substrates.

According to Essential Dental Systems, its Envy Self-Etch, Self-Adhesive Cement is a new advancement in multisurface adhesive technology — even solving the problem of adhesion to zirconia. The company describes Envy as a “simple, time-saving, cost-effective, one-step solution.” Envy’s chemistry provides tack curing for easy cleanup and ensures virtually no post-operative sensitivity, the company asserts.

Clinicians such as Steven Richards, DMD, who has placed more than 100 units with Envy, appreciate the versatility of the cement. Richards, of Cedar Spring Family Dentistry in Spartanburg, S.C., said: “Envy provides more consistent bonding with all zirconia and all ceramics. The ‘Tack-and-Wave’ cleanup is easy for both the dentist and patient, and we have had no reports of post-operative sensitivity.”

Complete information about Envy is available at www.edsdental.com/envy.
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Dentatus Profin system simplifies shaping

Offering safe and precise contouring, finishing and polishing of hard-to-access surfaces

By Dentatus Staff

- The Profin Reciprocating System is the instrument of choice for shaping and finishing hard-to-access surfaces.

Modern dentistry emphasizes esthetics and shaping restorations to consistent clinical standards of form and function.

With Profin, a variety of safe-sided diamond-coated Lamineer® Tips, used in a 1.2 mm linear reciprocating motion, can fit into areas without ditching or damaging adjacent surfaces, according to Dentatus.

Depending upon the color-coded grit chosen, the tips are designed to facilitate gross reduction, shaping, finishing or polishing in hard-to-access areas. Tips can either rotate freely to follow natural contours or be fixed for controlled detailing and shaping of all restorative materials: enamel, dentin, cementum, composite, porcelain, ceramics, amalgam and metals

When used in place of finishing strips, in the free-floating mode, the tips provide delicate control to shape and polish both the curved and flat surfaces to optimize esthetic form in the gingival, interproximal, facial and incisal areas.

The many benefits and features include:

- Anatomical shaping for esthetics and function – interproximals, contacts, overhangs, embrasures and occlusal adjustment.
- Tooth preparation for inlays, onlays and crowns – crisper and sharper shoulders, chamfers, inlays and margins.
- CAD/CAM – prepare and refine vertical walls, boxes, margins.
- Interproximal reduction for orthodontic treatment and safe removal of residual ortho and luting cements.
- Periodontics – root planning, debridement, scaling.

Here in New York: A daily giveaway

Daily at the Greater New York Dental Meeting at 10 a.m., 2 p.m. and 4 p.m., the first three dentists to visit Dentatus’ booth, No. 1714, will get a Profin By Hand Starter Kit.

(Figures/Provided by Dentatus)
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By COLTENE Staff

BRILLIANT EverGlow is what COLTENE calls its highly esthetic, universal submicron hybrid composite.

According to the company, EverGlow is distinguished by easy polishability, gloss retention, ideal handling and exceptional blending properties thanks to the duo shade system. All BRILLIANT EverGlow universal, translucent and opaque shades are available in a 3 g syringe or 0.2 g tip refills or kits.

A starter kit includes an assortment of four commonly used universal and translucent shades.

BRILLIANT EverGlow shows an exceptionally smooth surface and satin shine directly after placing the filling, according to the company. This simplifies the task of polishing, allowing highly esthetic restorations to be performed in minimal time — especially, the company asserts, when used with COLTENE’s ALPEN ShapeGuard Composite Plus polishers.

ALPEN ShapeGuard polishers offer a simple two-step polishing system for fast, easy and intuitive finishing and polishing, according to the company. Flexible polishing lamellae offer an outstanding advantage when contouring newly formed composite restorations. ALPEN ShapeGuard Polishers are available in Step 1 and Step 2 refill packs as well as assorted packs.

For more information on BRILLIANT EverGlow and ALPEN ShapeGuard, visit coltene.com. Visit the company at booth No. 2137 to try BRILLIANT EverGlow and ALPEN ShapeGuard. Be sure to ask about current promotions for both products.

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SONENDO.COM
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 Glidewell, the company behind the product, 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 anatomy 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.