Internal characterization of a transitional restoration milled from hybrid-ceramic material using HC Block/Disc and LiteArt Stain System

By Abel Fernandez, MDT, CDT

In a dental laboratory, planning a successful clinical case involves a multifaceted collaboration between a clinician and a dental laboratory technician. This process includes discussing an overall treatment plan, and it incorporates studying the clinical photographs and digital and die stone models, preparing the diagnostic wax-ups and provisional restorations (mockups), and designing the function and esthetics of a restoration.

The ability to provide a long-term temporization for an individualized, full-mouth restoration is an important phase of a successful treatment plan. This step gives both the dentist and the patient confidence that a final restoration will meet the requirements of functionality and esthetics. Furthermore, when fabricating a multiple-unit case, specifically for the anterior region, patients concerned with the quality and esthetics of a temporary restoration may not accept a monochromatic solution. Therefore, choosing an appropriate transitional material and a shade adjustment system is an important part of a successful treatment plan.

Laboratory procedure

A new-generation CAD/CAM material, HC Block/Disc (Shofu Dental) in a shade A2.1/VT (low translucency / block size medium), meets all the criteria of an effective long-term provisionalization.

Comprised of 61 percent zirconium silicate embedded in a high-temperature/high-pressure polymer matrix, a densely-packed nanofiller of HC Block/Disc forms a skeleton which uniformly absorbs masticatory forces and promotes resilience to breakdown phenomena. The high flexural strength of 191 MPa and Vickers hardness of 66 Hv0.2 make HC Block/Disc a good candidate for a vast spectrum of indications, including long-term transitional restorations and permanent anterior/posterior restorations for inlays/onlays, full-contour crowns, and implant-supported cases.

With a total milling time of 11 minutes and 30 seconds, with Cerec in Lab MC XI (Dentsply Sirona), under wet conditions, HC Block/Disc showed excellent machinability in terms of damage tolerance, wear of CAD/CAM instruments and the ability to be milled in a very low thickness.

The evidence also supports that restorations fabricated with HC Block/Disc achieve ideal marginal integrity and fit.

As a composite-based ceramic restorative, HC Block/Disc is highly compatible with other resin-based materials, allowing dental laboratory technicians to create highly individualized customizations with a stain system, such as the LiteArt (Shofu Dental), and to repair or modify with a direct or indirect restorative material, such as Ceramage (Shofu Dental).

After milling, the sprue was removed, and contacts and occlusion were minimally adjusted with a Dura-Green Stone (Shofu Dental). To create adequate canvas for internal characterization with the LiteArt and final layering with Ceramage F-59, the unit was cut labially.

In order to provide reliable mechanical retention, first the surface of the milled restoration was roughened by sandblasting with aluminium oxide particles (ca. 50–100 mm), at 2-3 bar pressure, for 10 seconds. Then neautened with a clean brush without the presence of water. The cleaning process can also be conducted with oil-free compressed air.

Strong and durable chemical retention for the successive staining was obtained with CeraResin Bond Adhesive System (Shofu Dental). Initially, CeraResin Bond 1 was applied to prime the surface. After 10 seconds, CeraResin Bond 2 was added, left undisturbed for 10 seconds and subsequently light-cured for 20 seconds.

The restoration was naturalized with LiteArt Stain System, which incorporates novel multifunctional monomers and photo-initiators, responsible for emulating the natural dentition’s optical properties of light diffusion and anisotropy. The proprietary chemical composition of the LiteArt also supports a failsafe adhesion to a variety of substrates including direct and indirect composites, PMMA and other resin-based materials. The high-viscosity nature of LiteArt Stains allows for a precise application and prevents product’s wasting.

The color spectrum utilized for internal staining of the restoration included:

- White (W) — to create decalcification spots, crack lines, white bands, to bring out the marginal ridges, and to enhance the tips of the cusps
- Khaki (K) — to emphasized cervical and palatal areas, and the developmental grooves
- Cyan (C) — to highlight and intensify translucent areas
- Orange (O) — to mirror the characteristic of inter proximal contacts

To achieve the nuances and characteristics of natural dentition, the stains were diluted with LiteArt Clear Liquid (Shofu Dental). Initially, Solidii Vap curing unit (Shofu Dental) was used to polymerize the restoration for one minute.

An overlay of an indirect flowable composite, Ceramage F-59, was applied with a small, flat brush to enhance the translucency, to create the depth and space and to shield the restoration from damages (Fig. 2).

The final curing was carried out for three minutes with the Solidii Vap appliance.

Minor surface contouring accentuating the morphology and texture was created with a Dura-Green Stone and a diamond bur.

CompoMaster (Shofu Dental), a two-step, diamond-filled abrasive system, was used to finish and pre-polish the restoration without impeding its complex anatomical details.

The final restoration was polished with a bristle brush and Dura-Polish Polishing Paste (Shofu Dental).

To obtain the wet, glossy sheen the unit was super-polished with a felt wheel and Dura-Polish Dia Polishing Paste (Shofu Dental).

The achieved transitional restoration was fully functional and visually appealing (Fig. 3).

Conclusion

Transitional restorations offer an excellent means of a treatment. Whether prescribed as a short-term or a long-term modality, this restorative option offers an efficient and inexpensive interim solution to a variety of patients, including those undergoing a periodontal therapy, the geriatric population, the dental-implant users and as a phase antecedent to an ideal esthetic restoration.

In a very short time, HC Block/Disc, Ceramage and the LiteArtStains can create a successful transitional restoration that is both functional and highly esthetic.

About the author

Abel Fernandez, MDT, CDT, is the owner of Master’s Touch Dental Laboratory in San Marcos, Calif.
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TRIOS MOVE offers great ergonomics and patient excitement

By Fred Michmershuizen, today Staff

Here at the Midwinter Meeting in Chicago, 3Shape is introducing TRIOS MOVE — a new hardware setup for its award-winning 3Shape TRIOS intraoral scanner. During a press conference Thursday morning, Rune Fisker of 3Shape said TRIOS MOVE offers practitioners two benefits: great ergonomics and patient excitement.

Now, the 3Shape TRIOS scanner, monitor and PC are on a lightweight, fully adjustable positioner, said Fisker, who demonstrated the functionality of TRIOS MOVE for dental professionals and members of the dental industry press who gathered around for the presentation.

“3Shape TRIOS MOVE mobility enables doctors to always position the screen in the right place to provide a superior experience for both dentist and patient,” the company said in a press release announcing the development.

“3Shape TRIOS MOVE is perfectly balanced and can be rolled effortlessly from operatory to operatory,” the press release said.

“Dentists are always telling us how thrilled their patients are to see their digital impressions onscreen. We created 3Shape TRIOS MOVE, the ultimate scanning and communications tool, to give professionals a simple and exciting way to share dynamic treatment information close-up with patients and advance treatment dialogue and acceptance,” said Tais Clausen, co-founder and co-CEO of 3Shape.

According to the company, doctors who already own a 3Shape TRIOS 3 intraoral scanner can purchase 3Shape TRIOS MOVE setup separately, which includes the PC and monitor. Doctors can then plug their own TRIOS scanner into the unit.

To generate excitement among patients, there are three 3Shape TRIOS apps: TRIOS Smile Design, TRIOS Treatment Simulator and TRIOS Patient Monitoring. A fourth app for patients, My3Shap, will be available soon.

3Shape is also launching a new professional online community for 3Shape TRIOS dentists and labs, the 3Shape Community, providing a platform for dental professionals to expand their knowledge and to network with digital dentistry colleagues from around the globe. Membership is free as part of ClinicCare and LabCare packages for 3Shape owners.

Also during the press conference, 3Shape announced the launch of an open clear aligner workflow and updated digital denture software, called Denture Design.

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See DenMat’s line of state-of-the-art small equipment at Booth #3503.
As more practices embrace CERAC and in-office milling, clinicians are finding that a flat surface in a backroom just doesn’t cut it for completing prep work. “As dentists move more of this type of work into the practice, they’re finding that having a dedicated work station that isn’t just a countertop is becoming more important,” said Kim Pinegar, DentalEZ senior product line manager of lab workstations.

Pinegar provided an overview of the new DentalEZ InOffice workstation Thursday morning in the company’s booth (No. 1807) in the Midwinter Meeting exhibit hall. “A main benefit of the InOffice system,” Pinegar said, “is how flexible it is. You can get just what you need now and expand later as your needs expand.”

The core of the station is the frame, legs and a counter top. From there, the options to customize are endless, including length, height, drawers, shelving, overhead lighting, arm supports and front and/or rear vacuum system for dust collection. According to the company, the dust collection system has the highest particle capture rate compared with leading brands, based on independent testing.

You can see the InOffice workstation set up in the DentalEZ booth (No. 1807) or learn more at www.dentalez.com.
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<th>GlamaFlow® Flowable Composite Syringes</th>
<th>GlamaComp® Universal Composite Unit Doses</th>
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<td>Each pack contains 2 x 2gm syringes &amp; 8 Tips</td>
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- **Price:** $30.99
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## High Quality Burs & Diamonds!

- **Standard Operatory Burs**
- **Surgical & Endo Length Burs**
- **Single-Use Diamonds**

### Standard Operatory Burs

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### Trimming & Finishing Burs

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## Single-Use Diamonds

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## Multi-Use Diamonds

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KaVo Kerr unveils new products in Chicago

By Robert Selleck, today Staff

KaVo Kerr unveiled three new products at a dental industry press event in its booth (No. 1500) Thursday morning, providing media representatives with hands-on demonstrations of the devices. The DEXIS FS Ergo by KaVo intraoral sensor is already available to order. The KaVo X Pro intraoral scanner and Dex Voice will be available in coming months.

“These are transforming what’s happening in the industry,” KaVo Kerr Vice President of Marketing, North America, Phil Prentice said when introducing the additions to the company’s extensive imaging-systems portfolio.

Prior to describing the products in more detail, Filippo Imperi, KaVo Kerr vice president commercial, imaging, said, “We have increased our investment in imaging to expand the pace of innovation.”

The FS Ergo is described as representing a new category of intraoral sensor, designed to improve patient comfort and diagnostic detail. According to the company, the size and flexibility of the FS Ergo make it particularly well suited for patients with low tolerance for standard sensors. The sensor can “give” as X-rays are being captured to provide patients with as comfortable a radiographic experience as possible.

The sensor housing is described as being resistant to bite marks and able to withstand a wide variety of disinfection chemicals. The cable-to-sensor connection passed rigorous testing of pulling, twisting, straining and bending. The USB connector held up to high-frequency testing of insertion and removal. The positioning system enables the sensor to easily exit and protects the longevity of the cable from wear and tear.

The KaVo X Pro intraoral scanner for digital impressions, which will be available later in the year, also was demonstrated. Imperi said patient and practitioner ergonomics were the starting points for the instrument’s design, with high accuracy and seamless integration with other imaging-system components and the Dexis platform serving as the foundation for performance.

Also planned for release in coming months is Dex Voice, which is built on the Amazon Echo/Alexa platform and fully integrates with the Dexis software.

The smart speaker will enable clinicians to deliver voice commands to Alexa to perform Dexis actions that normally would require keyboard or other manually entered commands.

You can conduct your own hands-on testing and learn more about the new imaging-systems tools in the KaVo booth (No. 1500) here at the Midwinter Meeting.
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Visit booth #4806 to see the exciting new features of Solea SW 3.2.
Clinicians can eliminate steps and save time using SoloCem, COLTENE’S self-adhesive dual-curing resin cement. Self-adhesive SoloCem achieves reliable bonding values — with no additional bonding required — making it a true one-step process for the clinician, the company asserts.

Methacrylate (MDP) and 4-MET(A) monomers ensure strong bonding values on a range of different materials (ceramic, metal, composite) and for a variety of indications (crowns, bridges, inlays, onlays, endodontic posts and implant abutments).

The one-step cementation process saves time for the dentist without sacrificing reliable bonding, according to the company.

SoloCem is available in three shades: dentin, white opaque and translucent. 5 ml refills are available for each shade as well as an intro kit that contains 5 ml syringes of dentin and translucent and 10 each of two mixing tip varieties.

In a recent Dental Advisor Clinical Evaluation, clinicians rated SoloCem at 92 percent on a scale of 1 to 100. Additionally, 96 percent of the clinicians who tested the cement said they would recommend the product.

Visit COLTENE at booth No. 4000 and ask to demo SoloCem. You may also request a free sample by visiting cements.coltene.com.
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New hygiene handpiece also focuses on ergonomics

By Avid Dental Products

Avid Dental Products® is excited to launch its newest product, the Avid Premier™ Hygiene Handpiece.

The Avid Premier was designed with proper sterilization procedures in mind. Industry standards are ever changing. The need to quickly access a sterilized handpiece has become a priority.

The Avid Premier comes standard with four aluminum sleeves, providing hygienists with an uninterrupted workflow. The seamless transition between sleeves allows for a faster, cost-effective procedure. Hygienists will spend more time polishing and less time sterilizing, according to the company.

The Avid Premier is quiet and lightweight. Hygienists have the option to use a barrier sleeve to cover the rear portion of the motor. Oiling is not necessary with this handpiece.

Additional sleeves are available for purchase to last an entire work day. “I love the ease of switching the sleeves between patients,” said Libby at Dr. O’s office.

All industry disposable prophy angles work with the Avid Premier Hygiene Handpiece. The Avid Premier motor comes with a lifetime warranty when used with Avid Fit® Disposable Prophy Angles.

The Avid Premier will be available in March 2018 at the Hinman Dental Meeting. Visit the company there at booth No. 330.

In addition to the Avid Premier, the Avid Fit Hygiene Handpiece is a great addition to dental practices focusing on ergonomics. Hygienists are able to polish while keeping their wrists in a truly neutral position. The Avid Fit was launched in 2016, and it was just named “2018 Dental Advisor Top Award — Innovative Design,” receiving a ++++ (87 percent) rating. Recent updates to this product include a sterilizable locking seal.

Avid Dental Products’ product line also includes soft cup, firm cup, mini soft and mini firm disposable prophy angles. The angles work with the Avid Fit Hygiene Handpiece and the Avid Premier to create a true hygiene system, according to the company.

Avid Finish™ Prophy Paste is gluten-free and uses no dye.

Avid Dental Products strives to continually provide the dental industry with superior ergonomic and innovative products while building strong, mutually profitable relationships with customers, the company asserts, adding that its team has extensive knowledge of the dental industry with high-quality products and a strong commitment to customer service. The result, according to the company, is excellent order fulfillment and service for customers.

Established in 2014 and located in Bloomsdale, Mo., Avid Dental Products began when founder, Chris J. Carron, recognized the need for ergonomic dental products and developed the Avid Fit Hygiene Handpiece and the Avid Fit Disposable Prophy Angles.

Carron has been involved in manufacturing dental products for more than 20 years. He formed his own company, where he manufactures products for various companies in the dental industry. During his career, his company became the third largest producer of prophy angles in the United States. He continues to lead Avid with expertise, motivation and determination.
Introducing! Here it is! PREMIERING THE Avid Premier™

The Avid Premier™ Hygiene Handpiece is the newest addition to Avid Dental Products® line of hygiene needs!

The Avid Premier™ is designed with interchangeable sleeves that quickly snap on and off between procedures, giving you time to properly sterilize without interrupting your workflow. This handpiece works with any standard disposable prophylaxis angle, but you’re guaranteed to SMILE with the Avid Fit® Disposable Prophylaxis Angle!

Contact us today for more info on all of our products!

Wrist fatigue? The Avid Fit® Hygiene Handpiece bends and twists for you!

The Avid Fit® Mini Soft Cup is designed for little ones. Small mouths and tiny teeth need special attention.

Polish more efficiently by using the whole cup! No more worries that an oversized cup will hurt tissue.

It’s soft and gentle ... it’s Mini!

Disposable Prophylaxis Angles are also available in Soft Cup, Firm Cup and Mini Firm Cup. Request a sample pack today!

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Patients discover the advantages of a metal-free, lightweight, comfortable option for RPDs

By Solvay Dental 360 Staff

Solvay Dental 360™ went to the source to gain perspective on the patient experience for its metal-free removable partial dentures made with Ultaire™ AKP.

‘Very comfortable, very lightweight, very easy to speak with’

For decades, Connie wore low-quality upper and lower partial dentures with poor occlusion, putting her remaining teeth at risk. She was eager to try a metal-free option, especially when she heard it was lightweight, comfortable, and biocompatible.

“The Ultaire is very comfortable, very lightweight and very easy to speak with. I don’t feel that it moves as I talk or eat. I feel that it follows the contour of my mouth more, and it’s very much more comfortable. If someone approached me about the Ultaire product, I would definitely tell them that it’s a good product and absolutely try it!”

‘Ultreare is great, it’s fantastic, I love it’

For years, Zitta had worn metal dentures with clasps that left her mouth scarred and sore. Then Zitta’s dentist prescribed Ultaire AKP metal-free removable partial dentures, and her mouth pain became a thing of the past.

Made from high-performance polymer and molded to the shape of the individual patient’s mouth, Ultaire AKP dentures lock into place with smooth, stationary, bone-like clasps.

At the final try-in appointment, Zitta surprised everyone by dancing with joy about the fit and feel of her new Ultaire AKP partial.

“Ultreare filled out my mouth better. It transformed my whole face,” Zitta said. “Ultreare is great. It’s fantastic. I love it.”

‘It has been life-changing for me’

Two years ago, Jaclyn was fitted with a lower metal partial denture to replace her missing back molars. But her partial was tighter on one side than the other, and it tended to trap food underneath the metal. Adjustments didn’t help. She still suffered extreme metal denture discomfort.

“A lot of healthy things that you eat such as nuts and granola, things that I loved, I was unable to eat them,” Jaclyn said.

The day Jaclyn’s dentist first put the new Ultaire AKP partial denture in her mouth, Jaclyn could feel the difference immediately, “It actually fit perfectly the first time. It has been life-changing for me,” she said.

‘It has been life-changing for me. Eating with the new Ultaire frame, it’s like I have my molars back. I mean, most of the time I forget I even have it in my mouth.’

Here in Chicago

To take advantage of a special offer – two Ultaire AKP partials for the price of one – be sure to visit booth No. 1447. Additional information and conditions of the promotion can be found at SolvayDental360.com/Chicago.

“Eating with the new Ultaire frame, it’s like I have my molars back. I mean, most of the time I forget I even have it in my mouth.”

Ready to try Ultaire AKP? Get two for the price of one

This special offer – two Ultaire AKP partials for the price of one – is for dentists who visit booth No. 1447. Additional information and conditions of the promotion can be found at SolvayDental360.com/Chicago.

* The testimonials, statements, and opinions presented are applicable to the individuals depicted. Results will vary and may not be representative of the experience of others. The testimonials are representative of experience but the exact experience will be unique and individual to each technician or patient.
Find a referral partner with the same passion for innovation.

Being experts in saving teeth requires staying on top of the latest advances to ensure we’re giving patients the most effective options—and improving outcomes. An endodontist with the GentleWave® System can deliver the unprecedented cleaning and disinfection you need to do just that.

- The entire procedure from access opening to obturation can typically be completed in just one visit¹
- Cleans the deepest, most complex anatomies of the root canal system² ³ to remove tissue, debris, biofilm and bacteria
- Helps save the structure and integrity of teeth by preserving more dentin⁴

Introduce your patients to the partner who’s best for their teeth.
Team up with a GentleWave® Procedure provider near you.
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Henry Schein named one of the 2018 World’s Most Ethical Companies by Ethisphere Institute for the seventh time

Recognition honors those who operate with purpose and incorporate integrity into their ecosystems

By Henry Schein Staff

Henry Schein, Inc. (Nasdaq: HSIC) has been recognized by the Ethisphere Institute, a global leader in defining and advancing the standards of ethical business practices, as one of the 2018 World’s Most Ethical Companies.

This is the seventh consecutive year that Henry Schein has been recognized and it is the only honoree in the Healthcare Products industry, underscoring the company’s commitment to leading with integrity and prioritizing ethical business practices.

In 2018, 135 honorees were recognized, spanning 23 countries and 57 industries. The 12th class of honorees had record levels of involvement with their stakeholders and their communities around the world. Measuring and improving culture, leading authentically and committing to transparency, diversity and inclusion were all priorities for honorees.

“We at Henry Schein are honored to be named one of the World’s Most Ethical Companies for a seventh time and this year’s sole honoree in the Healthcare Products industry, as it reinforces our commitment to fulfilling our responsibilities as a corporate citizen by giving back to the professions and communities we serve,” said Stanley M. Bergman, chairman of the board and chief executive officer of Henry Schein. “Since our founding in 1932, we have pursued the ideal of ‘doing well by doing good,’ and we remain steadfast in our belief that great success can be achieved by serving the needs of society, holding ourselves to the highest ethical standards and building our continued success on a foundation of trust and teamwork.”

“While the discourse around the world changed profoundly in 2017, a stronger voice emerged. Global corporations operating with a common rule of law are now society’s strongest force to improve the human condition,” said Ethisphere’s CEO Timothy Erblich.

“This year we saw companies increasingly finding their voice,” Erblich said. “The World’s Most Ethical Companies continued to show exemplary leadership. Henry Schein, in particular, has been a powerful voice in expanding access to health care in underserved communities around the world, and I congratulate Team Schein for being recognized as one of the World’s Most Ethical Companies.”

Once again, the 2018 World’s Most Ethical Companies have proven that operating with integrity leads to greater financial performance. Research has found that, when indexed, listed World’s Most Ethical Companies outperformed the U.S. Large Cap Index over five years by 10.72 percent and over three years by 4.88 percent.

Ethisphere refers to this as the “Ethics Premium.”

The World’s Most Ethical Companies assessment is based upon the Ethisphere Institute’s Ethics Quotient® (EQ) framework, which offers a quantitative way to assess a company’s performance in an objective, consistent and standardized manner.

The full list of the 2018 World’s Most Ethical Companies can be found at worldsmostethicalcompanies.com/honorees.
SWEEPS®
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SWEEPS® is a revolutionary method for cleaning and disinfecting the root canal system, utilizing the power of the Er:YAG laser to create powerful deeply penetrating shockwaves within the cleaning and debriding solutions in the root canal.

Learn more about SWEEPS® laser endo treatment and how it can increase your patient's quality of treatment.

LIGHTWALKER™
The Endo, Perio, Hard & Soft Tissue,
Sleep & Snore Laser Er:YAG & Nd:YAG Combo

- **TwinLight™ Laser Perio:**
  Advanced Dual Wavelength

- **New Advanced** SWEEPS® Photoacoustic Endo:
  Effective & Exclusive

- Ultra Fast, No Shot Cavity Preps
- Precise Fast Osseous Cutting/Shaping Procedures
- Bloodless, Suture Free Soft Tissue Procedures
- LightWalker™ patented ASP™ Technology Powered

Doctors Score Big With Fotona at Chicago Midwinter Booth #2044 to win:
- GoPro Hero 5 Giveaway!
- Chicago Sports Memorabilia including Anthony Rizzo, and Kris Bryant jerseys
New MICRO-TOUCH DENTA-GLOVE series is designed just for dentistry

By Ansell Staff

Ansell, a global leader in protection solutions and maker of the popular Microflex® and MICRO-TOUCH® examination gloves, has launched its MICRO-TOUCH DENTA-GLOVE® series, a highly-diversified portfolio of dental examination gloves, which according to the company outperform the competition.

MICRO-TOUCH DENTA-GLOVE is the first series of examination gloves developed specifically for the needs of dental professionals, according to Ansell.

Certified for use in oral exams
All products in the series are certified for use in oral examinations for patient safety and peace of mind and are designed with the most advanced film technologies to meet the unique and demanding needs of the dental profession, the company asserts.

The products are tested for bio-compatibility and feature inner coatings to promote hand health.

For more details about MICRO-TOUCH DENTA-GLOVE examination gloves or to request a free sample, you can visit www.ansell.com/DentaGlove.

Open up and say ahhhhhh

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The MICRO-TOUCH DENTA-GLOVE series includes ‘Blue Nitrile’ (pictured), ‘Magenta Nitrile Allogel,’ ‘Green Neoprene’ and ‘Laytex Hydracare.’ (Photo/Provided by Ansell)
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Ordre des dentistes du Québec
Register today and save 50 percent off tuition with promo code: CMW50

By KaVo Kerr Staff

3D Congress, hosted by KaVo Kerr, is a unique three-day event featuring imaging solutions from i-CAT™ and KaVo that provides dental professionals with an educational environment dedicated to cone beam 3-D (CBCT) imaging applications. Join colleagues, vendor partners and KaVo Kerr imaging specialists to learn how you can leverage the power of 3-D technology into your practice.

In addition to topics covering implant planning and successfully incorporating 3-D into your practice, we have added to the program an opportunity to experience one-on-one anatomy and pathology consultations with Dr. Bruce Howerton.

The complete program includes an Orthodontic Track, 3D Learning Lab and the trusted names dental professionals look to for guidance. The 2018 lineup includes:

- Dr. Kevin Aminzadeh
- Dr. Bobby Birdi
- Dr. Cynthia Brattesani
- Dr. Sean K. Carlson & Dr. Juan Carlos Quintero
- Arthur Curley, JD
- Dr. Lou Graham
- Dr. Bruce Howerton
- Laura Howerton, RDH
- Dr. Diwakar Kinra
- Dr. Daniel
- Dr. Doug Liepert
- Dr. Steve Olmos
- Dr. Lou Shuman
- Christine Taxin
- Doug Woods
- Kenna Wuistinger

Additionally, 3D Congress has a dedicated area specially focused for the staff — but all dental professionals are welcome.

The 3D Learning Lab offers an opportunity for you and your staff to see our software and technology in action. The 3D Learning Lab is truly a hands-on opportunity, and our hopes are that participants will take advantage of sitting down with one of our speakers or on-site experts and review a scan together.

All who sign up for the 3D Learning Lab are encouraged to bring your list of questions about using 3-D in your practice — we are ready to provide answers.

The mission of the 3D Learning Lab is to have participants leave 3D Congress with a truly valuable educational tool that provides an extra level of confidence in treatment planning and patient education in your practice.

3D Congress provides an opportunity to earn up to 16 C.E. credits. Register today at congress.kavokerr.com.
NEW

**Micro4.5EF Scopes™**
4.5x expanded field magnification now in our lightweight design

44% Smaller
44% Lighter

Revolutionary prismatic design
44% Smaller and Lighter
Maximum peripheral vision

**Micro3.5EF Scopes™**
The lightest 3.5x expanded field loupes you can wear all day

50% Smaller
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Revolutionary prismatic design
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NEW

**LED DayLite Micro HDi**
High Definition Imaging – HDi provides uniform light distribution with 45% more light

**SAVE $200** when you order both Loupes and LED DayLite®
Choose the ‘WireLess’ light that’s best for you

Don’t get caught being tethered to a battery pack

By Designs for Vision Staff

- Designs for Vision’s LED DayLite® WireLess” Mini and LED DayLite WireLess headlights free you from being tethered to a battery pack. The simple modular designs uncouple the headlights from a specific frame or single pair of loupes.

  Prior technology married a cordless light to one pair of loupes via a cumbersome integration of the batteries and electronics into the frame. The LED DayLite WireLess headlights are independent of any frame/loupes.

  The patent-pending design of the LED DayLite WireLess headlights is a new concept: a self-contained headlight that can integrate with various platforms, including your existing loupes, safety eyewear, lightweight headbands and future loupes or eyewear purchases.

  Best of all, the LED DayLite WireLess headlights can be easily transferred from one platform to another, expanding your WireLess illumination possibilities across your eyewear options.

  The LED DayLite WireLess Mini weighs less than 1 ounce and, when attached to a pair of loupes, the combined weight is half as much of integrated cordless lights/loupes.

  The LED DayLite WireLess produces more than 40,000 lux at high intensity and 27,000 lux at medium intensity, while the intensity of the LED DayLite WireLess Mini is 27,000 lux.

  The spot size of each of the LED DayLite WireLess headlights will illuminate the entire oral cavity.

  The LED DayLite WireLess is powered by a compact, rechargeable lithium-ion power pod. The WireLess Mini is powered by specialty rechargeable lithium-ion cylindrical cells. Both LED DayLite WireLess headlights come complete with three batteries/battery pods. The charging cradle allows you to independently recharge two batteries/battery pods at the same time and shows the progress of each charge cycle.

Here in Chicago

To see the LED DayLite WireLess Mini and LED DayLite WireLess headlights, stop by the Designs for Vision booths, Nos. 2602 and 4421, or contact the company to arrange a visit in your office at (800) 345-4009 or info@dvimail.com.
Star ETorque™
Electric System

Stop by Booth #1807 for a demo

Powerful. Versatile. One Touch.

Star ETorque is a powerful, versatile system in an attractive, compact package. Its user friendly display has customizable operative modes, allowing you to switch from high to low speed with one touch. Discover the Power of Performance with Star ETorque.

For more information, please visit www.dentalez.com/StarETorque.

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After months of successful beta testing, RecordLinc, a dental practice-management software company, recently announced the official launch of “I LUV MY DENTIST,” the newest addition to its suite of automation products.

This web-based software gives patients a simple way to submit word-of-mouth referrals using email, texting and social-media platforms. The fully automated system seamlessly integrates with the most popular practice-management systems and requires no team training.

Once “I LUV MY DENTIST” is installed, it operates on autopilot, inviting top patients to refer friends to dental practices by sharing contact information. “70 percent of patients say they chose their dentist based on a word-of-mouth referral, and we make it easy to increase word-of-mouth referrals,” said Travis Rodgers, CEO of RecordLinc.

Another feature of “I LUV MY DENTIST” is the addition of positive testimonials listed directly on the dental office website.

“When your existing patients like and trust you, they’re your strongest advocates,” said Travis Rodgers, CEO of RecordLinc. “To celebrate the launch, we are sharing the ‘LUV’ with our customers. For a limited time, we’ll waive the startup fee and offer 50 percent off the monthly service cost.”

To learn more about “I Luv My Dentist” and how it can make it easier for your patients to refer, visit www.LuvDentist.com.

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RecordLinc launches patient-to-patient online dentist referral software

Check out ‘I LUV MY DENTIST’

By RecordLinc Staff

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For more information

To learn more about “I Luv My Dentist” and how it can make it easier for your patients to refer, visit www.LuvDentist.com.