If your journey to the Chicago Dental Society Midwinter Dental Meeting included the Blue Line from O’Hare, you might have ended up in a train car with its interior-wrap advertising devoted entirely to the Quip electric toothbrush.

The first-time exhibitor here in Chicago is known for strategically advertising beyond the exhibit halls in cities hosting major dental meetings it attends.

Last year for the Greater New York Dental Meeting, the Brooklyn-based company ran ads in trains using the new subway station near the Jacob K. Javits Convention Center. Thursday morning in the Midwinter exhibit hall, the Quip booth (No. 443) was seen.

Alexandria Jundt, DDS, in practice in Chicago, shows her free Quip electric toothbrush in the Quip booth, No. 443. Attendees receive the toothbrush and other gifts as part of the Quip ‘booth experience.’ Quip is a first-time exhibitor. (Photos/Robert Selleck, today Staff)

Today’s educational agenda includes two live-patient demonstrations.

From 9 a.m. to noon, Frank Milnar, DDS, of St. Paul, Minn., presents “Power of pink: Techniques for pink prosthetic restorations with bioactive composites,” and from 1:30-4:30 p.m., Robert Margeas, DDS, of Des Moines, Iowa, presents “How to close a diastema.” Held in room W375C and each worth 3 C.E. units, the sessions are free but ticketed. You can request a ticket at the door, but the sessions are popular.

A final live-patient demonstration is scheduled Saturday, with Lee Silverstein, DDS, of Marietta, Ga., presenting “Soft-tissue augmentation using AlloDerm.”
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A steady flow of visitors listening to a quick overview about how practices can make the toothbrush easily available to patients and benefit from a dental-connect platform designed to keep practices closely connected to existing and potential patients.

Final step in the booth experience is walking away with a sleek Quip toothbrush, a tube of Quip toothpaste, a coupon for a replacement head, a brochure welcoming you to the Quip brand and some literature about Quip’s other products and services.

Reflecting the dental industry’s ever-increasing pace of innovation and expansion, the Midwinter Meeting has numerous new exhibitors this year — along with an even broader array of new products and services.

In booth No. 1048, first-time exhibitor Dentkist is here with variety of products, ranging from impression material to handpieces. The Korean-based company, among the top-five companies in its sector in Korea, is conducting business in 65 countries, and a few months ago it received FDA clearance to operate in the U.S. The “KIST” in Dentkist stands for “Korean Institute of Science and Technology,” a science-and-technology national think tank in Seoul that has launched many science-based businesses.

In booth No. 1048, first-time exhibitor Ignite DDS (booth No. 848) is handing out a small book that gives you a feel for its free continuing education community for dental students and young dental professionals.

New from page 1

First-time exhibitor Jason Jeong has special Chicago pricing on his CharmTemp Crown temporary crown and bridge material. Find him in the Dentkist booth, No. 1048. The booth is filled with lots of other show specials.

Attendees enter the Chicago Midwinter Meeting exhibit hall Thursday morning.
Scenes from Thursday

There are big smiles all around among the team at Glidewell Dental (booth No. 4016).

'Jedi masters' Dr. Valerie Cooper, left, and Dr. Christopher Silvoy want to make the Midwinter Meeting more fun this year — so they are here in 'Star Wars' cosplay gear, complete with lightsabers!

Emily Kemberling, left, and Tori Schober of Keystone Industries (booth No. 4011).

Meghan Olmer of Wells Fargo Health Advantage (booth No. 1928), with plush horse Bridget.

From left: Jeff Daner, Noah Moore and John Hinton of Anutra Medical (booth No. 5101).

Nory Candelario, left, and Eva Hernandez of Trident Dental Laboratories (booth No. 3216).

From left: Lundon Albrecht, Laurie Eason and Brad Wilson of Coltene (booth No. 4000).

Photos by Fred Michmershuizen, today Staff
BruxZir® Esthetic represents the next evolution in zirconia dental technology. With high strength, true-to-nature translucency and precise shade-matching capabilities, BruxZir Esthetic offers an optimal combination of form and function for crowns & bridges. The culmination of a deliberate R&D effort to produce a more lifelike monolithic zirconia, BruxZir Esthetic exhibits an average flexural strength of 870 MPa and a best-in-class appearance.

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GLIDEWELL LABORATORIES
The folks from Henry Schein eServices (booth No. 2819) are eager to tell you about Dentrix G7.

To learn about a PDL injection without the needle, visit NumBee (booth No. 628). It’s all the buzz, according to these busy bees who were buzzing about the exhibit hall Thursday morning.

Andreas Brandstatter of W&H Impex (booth No. 1327).

Dr. Morris Strauss of Mavrik Dental Systems (booth No. 3402).

Kay Hickey of Zirc Co. (booth No. 1417).

Jefel Santos, left, and Camille Rios of Denovo Dental (booth No. 3309).

Dr. Steven R. Daniel, a practicing periodontist in Murfreesboro, Tenn., is the new president of the American Academy of Periodontology. (Photo/Sierra Rendon, today Staff)

From left: Dominika Paxton, Mac Kubiak and Ula Olazewska of Trinon Titanium (booth No. 2339).

Dr. Morris Strauss of Mavrik Dental Systems (booth No. 3402).
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Giving a hand to oral health.
Allan Hyldal of 3Shape (booth No. 4815) talks about some of the company’s latest offerings during a press conference on the show floor Thursday morning.
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Oral Health America’s annual night to smile

By Fred Michmershuizen, today Staff

Oral Health America held its 28th Annual Gala & Benefit on Wednesday evening at the Marriott Marquis, bringing together the dental industry’s movers and shakers to raise money for a good cause.

With programs such as Smiles Across America and the Wisdom Tooth Project, OHA reaches millions of Americans each year with much-needed information and help. It is the support of generous individuals and corporate sponsors that allows OHA to achieve its goals.

"Oral Health America remains steadfast in its mission to connect communities with resources to increase access to care, improve health literacy and advocate for policies that benefit all Americans, particularly those most vulnerable," said Beth Truett, president and CEO of OHA, and Dr. George W. Tysowsky, chair of the OHA Board of Directors, in a thank you message to gala attendees printed in the evening’s program.

“Our dedication to improving oral health and its impact upon systematic health has never wavered,” the OHA leaders said.

The evening began with a cocktail reception and silent auction. Later, some of the OHA’s top contributors were recognized, including Million Dollar Donor Award recipient DentaiQuest. Marshall University/West Virginia Oral Health Coalition was honored with the Smiles Across America Champion Award, and DuPage County Health Department received the Wisdom Tooth Project Champion Award.

The evening’s top honor was presented to Tribute Honoree Dr. Jack Dillenberg, dean emeritus of the Arizona School of Dentistry & Oral Health and president of Dillenberg & Friends, which provides a full scope of health services consulting. Dillenberg offered a rousing, inspirational message to gala attendees, who honored him with a standing ovation.

Caitlin Simone, accompanied by the Ken Arlen Evolution Orchestra, was mistress of ceremonies and offered a solo performance. Dinner and dancing followed the presentations and awards.

Dr. Jack Dillenberg, recipient of Oral Health America’s 2018 Tribute Award, speaks to attendees at the Gala & Benefit Wednesday evening. (Photos/Fred Michmershuizen, today Staff)

Beth Truett, president and CEO of Oral Health America, offers recognition to some of the OHA’s biggest contributors.

An ice sculpture greets attendees to the cocktail reception at the start of the OHA Gala & Benefit.

On the eve of the 2018 Midwinter Meeting, the annual OHA Gala & Benefit offers a place to gather and celebrate with old friends and new.

These Dark Side ‘Star Wars’ socks were part of the Silent Auction, featuring a wide selection of offerings, all to raise funds for Oral Health America.
Exclusive offer for dentists!

Two for the price of one

Booth #1447

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SolvayDental360.com/Chicago
EyeSpecial adds features for faster and easier use

Pre-programmed shooting modes enable digital camera users to navigate through tasks without extensive photographic skills or experience

By Shofu Dental Staff

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 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 extraoral 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 perspicacity 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.

The EyeSpecial also possesses anti-shake attributes that ensure clear images with each use. The panoramic LCD screen of the camera is larger than displays and viewfinders of typical digital single-lens reflex (DSLR) and point-and-shoot cameras, and it can be operated with a gloved hand.

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. 2807.
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*According to "Dosimetry of Orthodontic Diagnostic FOV's Using Low Dose CBCT Protocol" by J.B. Ludlow and J. Kovisto. For a copy of this study, please contact Planmeca USA.
Solea SW 3.2 is here

Latest software update offers faster cutting, rapid analgesic onset and is even easier to use

By Fred Michmershuizen, today Staff

Convergent Dental, developer of the Solea CO2 all-tissue dental laser system, has unveiled its latest software update — SW 3.2. The new software, which is being introduced at the Midwinter Meeting, features new cutting algorithms and a simplified graphical user interface.

During an interview Thursday morning at the company’s booth here in Chicago, Michael Cataldo, CEO of Convergent Dental, explained that this is the latest in a series of updates that have continually improved the performance of Solea since its launch in 2013.

“This update demonstrates our continued commitment to increasing the value of Solea to our customers over time,” Cataldo said. “The better Solea performs and the easier it is to use, the more our customers can do with it. Even better, all that happens with a software update delivered via WiFi on their existing hardware platform.”

Solea SW 3.2 offers a significant increase in cutting speed, smoother surface finishes and Solea’s industry-renowned analgesic effect, according to a press release announcing the introduction. Solea SW 3.2 further simplifies the user interface with a single mode that cuts any tissue in the oral cavity — no settings required, the company said. Solea SW 3.2 is delivered via WiFi, free of charge to all existing Solea users with an active service contract.

According to Convergent, the Solea’s simplified graphical user interface offers several improvements, including a single mode for either hard or soft tissue, simplified push buttons with intuitive on/off push buttons, and a low power mode that enables more control at the low end of the power range for more sensitive applications.

“As the very first user, I’ve watched Solea evolve and improve over the years,” Dr. Mark Mizner said. “After a dozen or so updates, I truly thought it couldn’t get any better. With Solea SW 3.2, the onset of analgesia was almost instantaneous. It cuts faster and even smoother than ever before. It was an amazing experience for both me and my patient; the results were absolutely beautiful. I didn’t think it was possible for Solea to be even simpler to use, but Convergent did it again.”

Photos: Fred Michmershuizen

To learn more about the Solea SW 3.2, stop by the Convergent Dental booth, No. 4806. You can also visit www.convergentdental.com or call (844) GOSOLEA.

Solea SW 3.2 is here

Here in Chicago

To learn more about the Solea SW 3.2, stop by the Convergent Dental booth, No. 4806. You can also visit www.convergentdental.com or call (844) GOSOLEA.

Photos: Fred Michmershuizen

To learn more about the Solea SW 3.2, stop by the Convergent Dental booth, No. 4806. You can also visit www.convergentdental.com or call (844) GOSOLEA.

Photos: Fred Michmershuizen

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Single handpiece system switches from caries removal to root canal treatment and everything in between

Visit booth No. 1807 to check out the new StarETorque from DentalEZ

By Robert Selleck, today Staff

Among the latest innovations here in Chicago from DentalEZ Integrated Solutions (Booth No. 1807) is the new StarETorque, an electric handpiece system that quickly switches between high- and low-speed applications. Much of the ease is attributable to the system’s 16-color touchscreen.

“IT’s extremely intuitive and very comfortable to use,” said Eric Reno, DentalEZ senior product line manager of handpieces, while demonstrating the system in the exhibit hall Thursday morning. “It’s very customizable — according to each individual’s needs,” he added. Adding to the practitioner’s comfort, the touchscreen can be detached and located to a spot that best serves the practitioner and procedure.

Reno quickly demonstrated how a practitioner can adjust speed, torque and other settings, and save frequently used setups under preset “buttons.”

With 60 watts powering the system, Reno said the StarETorque uses one of the smallest brushless motors in the industry. That minimizes vibration and keeps the sound to less than 40 decibels versus the 60-plus dBs produced by typical air-driven handpieces. “IT’s better for the dentist’s hearing and much better for the patient, too — far less traumatic,” Reno said.

The system comes with a variety of handpiece attachments with color-coordinated reference marks that match the touchscreen settings. Red for high speed, Blue for neutral speeds and Green for low-speed endodontic procedures. The E-type couplings ensures practitioners can continue to use other favorite DentalEZ attachments or even old favorites from competitors. The motor section itself is fully detachable and autoclavable.

Be sure to visit with Reno or another product specialist in the EZDental booth for your own StarETorque demonstration.
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Let’s change dentistry together
Women in Dental Technology host annual breakfast

By Glidewell Dental Staff

The annual Women in Dental Technology (WIDT) Breakfast has become a staple event for female dental industry leaders attending the Chicago Dental Society Midwinter Meeting. Thursday’s meeting was another tremendous success, as women from across the country gathered to network, learn and draw inspiration from each other.

Established by Pam Johnson, founding editor of Inside Dental Technology (IDT), part of the AEGIS Dental Network, and by Valerie Berger, who cofounded IDT and serves as vice president of AEGIS Communications, laboratory division, the WIDT organization and breakfast represent a growing effort to unite and recognize women who are making a significant impact in the field of dental technology.

“It’s a great way to kick off the Midwinter conference and reconnect with industry friends and leaders,” Berger said. “Women empower women, and I feel honored to be amongst such an outstanding group of female leaders.”

Notable speakers at this year’s WITC Breakfast included: Ellen Rogin, a New York Times bestselling author, Tawana Lee-Ware, president of the American Association for Women Dentists, and Gale Gand, winner of the James Beard Foundation’s award for Outstanding Pastry Chef.

This year’s breakfast was sponsored by Glidewell Dental, whose executive vice president of business operations, Stephenie Goddard, delivered the keynote address, “Mindfulness: The Practice of Fully Being Present.” Goddard’s informative learning session explored techniques on staying mentally engaged in a world full of distractions.

After kicking off the inaugural breakfast in 2013 with 25 attendees, this year saw nearly 100 participants support the event — an encouraging indicator of the industry’s continued shift toward advancing the careers of women within the dental technology community.

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TODAY’S SCHEDULE
Thursday, February 22

11:00AM Join the Movement to Fight Periodontal Disease!
Presented by: Wendy Briggs (Sponsored by ACTEON)

12:00PM digiTALK Panel Discussion – The Digital Workflow
Featuring: Planmeca

1:00PM A Guide to Digital Impressions – 2 CE Credit Take-Home!
Presented by: Dr. Robert Berg

2:00PM digiTALK Panel Discussion – The Digital Workflow
Featuring: DEXIS & i-CAT

3:00PM Business Solutions Showcase
Presented by: Eric Nuss

What is a digiTALK Panel Discussion?
Dental professional panelists will be asked various questions regarding a digital workflow using digital impressions, CBCT, and intraoral imaging products. Each digiTALK Panel Discussion will feature our various manufacturer partners, who will discuss the benefits related specifically to their products and how implementing a digital workflow can benefit the entire practice!

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‘3DISC is bringing the best solution to dentists’

An interview with 3DISC Deputy Group CEO Thomas Weldingh

By Dental Tribune Online Staff

At the 2017 Greater New York Dental Meeting, 3DISC first showcased a working version of its Heron IOS scanner. Three months later, the U.S.-based imaging company is ready to present an improved device to attendees here at the Chicago Dental Society Midwinter Meeting.

In light of the event, Dental Tribune Online spoke with Thomas Weldingh, 3DISC deputy group CEO, to discuss the key benefits of the Heron IOS for dental professionals.

What can you tell us about the new scanner, which is currently in its final testing phase, you are presenting at the Midwinter Meeting this week?

With the Heron IOS, we have aimed to solve three major challenges that we know of from the existing scanners on the market: dimensions, ergonomics and affordability. We have succeeded in bringing a scanner to the market that is extremely easy to use, featuring a small, lightweight hand- and mouthpiece with a rotatable tip for providing the best possible ergonomic grip.

The Heron intraoral scanner is one of the lightest weight color scanners in the market, weighing only 278 g, which is considerably below the average weight of other color scanners. The ability to use scanners comfortably is important for dentists, and with its light weight combined with the rotatable tip, the Heron provides one of the best ergonomic solutions in the industry.

Finally, we seek to cater to the segment of solo and midsize practices with an easy-to-use and affordable solution.

What are the key benefits of the 3DISC intraoral digital impression solution?

Our digital scanning product is a uniquely simple hardware and software solution. The dentist simply connects the Heron to his or her laptop or PC in the clinic, using the accompanying practical base for desktop use.

The scanner comes with our QuantorClinic software, built on exocad’s software platform, which is one of the most widely used CAD/CAM software platforms in the dental industry. The Heron IOS was developed and is produced at our facilities in Virginia.

What is planned in terms of clinical testing of the product?

The Heron IOS is being tested by dentists in the U.S. and Europe during spring this year. We want to ensure that the product works as intended in the clinical environment, while looking for improvements we can add to the workflow of the clinic and integration with dental laboratories.

Why did you decide to enter the intraoral scanner market?

The market is dominated by a few larger manufacturers. We believe there is room for an alternative intraoral system in the marketplace, a system that brings immediate value into the dental practice, making impression taking simple, hassle-free and cost-effective.

Device and maintenance cost are among the challenges restraining the adoption of current intraoral scanners, as well as demand for an open and license-free software architecture. We believe in the need and opportunity to bring a product to market that meets these challenges.

Why does 3DISC aim to cater for solo to midsize practices, and what are the benefits such practices can expect from your products?

Solo and midsize practices are the segment of dentistry that is hesitant to incorporate digital dentistry. Among the reasons are complexity in the existing solutions and high prices and maintenance costs. We see a gap and a need for a product in this segment with first and foremost a noncomplex and simple price model and a technology that is easy to adopt and get started with, without compromising on the performance and quality of the final fit.

Dental practices can expect both high-quality intraoral imaging and an affordable price point below $30,000 without any annual licensing fees for the Heron intraoral scanner.

For the solo or midsize practice wanting to enter into digital dentistry, we believe that 3DISC is bringing the best solution to dentists with our Heron IOS.

What is so special about the Midwinter Meeting in particular for 3DISC?

We have exhibited our FireCR Dental PSP Reader at the Midwinter Meeting in the past. The show is a good venue for 3DISC, as it brings together the dental industry across the U.S. but also provides an opportunity to catch up with our international partners and customers – particularly from Latin America.

When and where is the launch and when will the product be available?

The 3DISC team is inviting dental professionals to visit our booth (No. 920) here at the Midwinter Meeting. Product shipping will start in the second quarter of 2018 in the Americas, Europe, the Middle East, Africa, Korea, Southeast Asia, Australia and New Zealand.
Introducing! Here it is!

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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 prophy angle, but you’re guaranteed to SMILE with the Avid Fit® Disposable Prophy Angle!

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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 and mini soft and firm cup 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.

For more Information

To learn more about Avid Dental Products, call (573) 483-2843, email smile@avid.dental or reach out to your favorite distributor about our product line. You can also find Avid Dental Products on Facebook, Twitter, Instagram and LinkedIn and can see product tutorials on its YouTube Channel. Connect with Avid by using the hashtags #WeAreAvid and #FitIn.
In 2017, Orascoptic became the first company ever to receive three Cellerant “Best of Class” Technology awards.

Stop by Booth 1203 to check out the award-winning products for yourself!

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**GlamaComp Universal Composite Unit Doses**
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  - 2P - FG: 100/pkg, 12603103: $18.55
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- **Straight Flat End (CrossCut)**
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- **Round**
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  - 6 - FGOS: 10/pkg, 12603164: $10.25

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  - Coarse: 25/pkg, 12603266: $41.25
- **Flame - 862-012**
  - Coarse: 25/pkg, 12603299: $41.25

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  - Fine: 5/pkg, 12603359: $17.55
- **Needle - 859-010**
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- **Wheel - 909-042**
  - Super Coarse: 5/pkg, 12603429: $17.55
- **Zirconia Cutter - Football**
Create ‘brilliant’ restorations with COLTENE’s BRILLIANT EverGlow Universal Composite

By COLTENE Staff

BRILLIANT EverGlow is a universal submicron hybrid composite distinguished by easy polishability, gloss retention, ideal handling and exceptional blending properties, according to COLTENE, the company behind the product.

BRILLIANT EverGlow’s filler technology is engineered to provide an ideal combination of long-lasting esthetics, handling convenience and mechanical strength. Submicron glass fillers support excellent polishability and gloss retention, according to the company. Additional pre-polymerized fillers, which have the same composition as the uncured composite, lower volume shrinkage and improve the sculpting properties of the paste.

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 when used with COLTENE’s ALPEN ShapeGuard Composite Plus polishers.

Visit COLTENE at booth No. 4000 to try BRILLIANT EverGlow and see why Dental Product Shopper recently evaluated BRILLIANT EverGlow as a “Best Product” in the composites category. You may also visit everglow.coltene.com to request a free sample.
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See DenMat’s line of state-of-the-art small equipment at Booth #3503.
The purpose of obturating a root canal is to fill the space three-dimensionally to eliminate any gateways through which bacteria might enter. Thanks to DiaDent, doctors now have a bulletproof way to seal root canals that will help ensure treatment success. Studies indicate that using the warm compaction technique increases the chances that no voids will be left behind in the obturation process. DiaDent is introducing this new piece of technology — EvoFill™ Duo Obturation System — here at the Chicago Midwinter Dental Meeting.

While countless methods and techniques are available for root canals, perhaps none is as easy, intuitive and time-saving as DiaDent’s complete obturation system, the company asserts. With an innovative electric motor that prevents hand fatigue, EvoFill Duo offers fast heating and controlled gutta-percha extrusion with precise 3-D fills and reliable results. Both units can be fully charged within 90 minutes.

EvoPack™ is a cordless warm vertical compaction device. It effectively and tightly compacts and seals all canals including lateral canals. After a canal has been shaped and cleaned, a master cone is selected for a snug fit and tug back.

EvoPack is then used to cut, soften, downpack and compact the root canal filling material. With a new innovative LED light-guided condenser, it enables users to have a clear view inside the oral cavity. Color-coded pen tips are available in five sizes, including XF, F, FM, M and ML. Its quick heating tip reaches the highest level of temperature, 250 degrees C, within one second to save treatment time. Three levels of temperature and two heating time settings let users have full control of any procedure.

EvoFill is next. EvoFill is a motorized cordless obturation system that extrudes warm gutta-percha to backfill the yet unfilled portion of the canal. The motorized mechanism prevents users from experiencing hand fatigue, according to DiaDent. EvoFill uses a hygienic one-time use gutta-percha cartridge to deliver a fast, precise and direct injection of softened gutta-percha into the root canal. The tips can be bent to the desired shape and angle using the multi-purpose wrench provided. The clear GP window displays the amount of gutta-percha available in the cartridge.

With the new disposable fast-loading gutta-percha cartridge, there is no more messy, tedious clean-up, the company says. EvoFill has three variable temperature settings to allow precise control of obturation flow. The pre-heating function quickly softens the gutta-percha when device temperature is low.

Detailed instructional and introductory videos can be viewed on DiaDent’s website at www.diadent.com. A brochure and demo unit can also be requested. DiaDent will be exhibiting here at the Chicago Midwinter Meeting in booth No. 4308; at Hinman Dental Meeting in booth No. 1645 from March 22-24; and at the AAE meeting in booth No. 724 from April 26-28.

For more product and company information, call (877) 342-3368.

Check out the EvoFill Duo Obturation System at booth No. 4308.
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Convergent Dental continues to reinvent dentistry with Solea, the industry leading, CO₂ all-tissue laser. With Solea SW 3.2, our dentists report 30% faster cutting, even smoother surface finishes, and even less patient sensation. Solea SW 3.2 is being delivered now on all new machines and available as a free upgrade to customers with a current service agreement. The simplified graphical user interface allows for maximum control and better results. You can perform reliably anesthesia-free, blood-free, pain-free hard and soft tissue procedures even better than before with Solea SW 3.2.

Visit booth #4806 to see the exciting new features of Solea SW 3.2.
Are state dental boards shifting toward heat sterilization for low-speed handpieces?

By Preventech Staff

Depending on the state where you practice, the answer may already be “yes.” According to the Organization for Safety, Asepsis and Prevention (OSAP), 11 states have specific policy statements requiring heat sterilization of all handpieces between patients within the state dental practice acts.1 The remaining 39 states directly or indirectly provide the CDC guidelines as recommendations for infection control in the dental practice. Ultimately, the structure of the dental practice is governed by the individual state dental boards and its legislative processes; therefore, each practitioner should review and remain up-to-date with his or her state’s dental rules and regulations. When making a decision to purchase or replace your low-speed (hygiene) handpieces, heat tolerance and the handpiece’s ability to undergo a number of autoclave cycles daily already is or soon could be a critical factor in your office staying compliant with the state dental practice act. Currently the CDC guidelines recommend “dental handpieces and the attachments should always be heat sterilized between patients,” adding “if a semi-critical item is heat-sensitive, DHCP should replace it with a heat-tolerant or disposable alternative.”2

Preventech, a leader in preventive dentistry products, offers an innovative solution that goes beyond compliance with CDC guidelines. The ESA® Disposable Prophy Angle and ESAMATE® handpiece system assures infection control compliance in all 50 states. And should your state move away from CDC guidelines to heat sterilization, you’ll maintain compliance.

The ESA disposable prophy angle fits the Star® Titan®, Midwest Rhino® and Shorty® handpieces, connects quickly and easily to the motor and delivers smooth, quiet, consistent performance, the company asserts. Plus you’ll never have to maintain or buy a straight attachment ever again. For offices that do not have Star or Midwest motors, Preventech offers two ESAMATE models, a MW (Midwest) and ST (Star Titan) with a number of economical purchase options. Both handpieces run at 5,000 rpm, are lube-free and weigh just a few ounces.

Both models provide proven air-driven performance without the need for batteries or recharging and are backed by a two-year warranty, according to the company.

To experience the ESA/ESAMATE® Prophy System in your own hands, visit Preventech here in Chicago at the Chicago Midwinter Meeting at booth No. 2615.

References


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Dentistry and Photography by: Ross Nash, DDS

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Dentistry and Photography by: Ross Nash, DDS

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Henry Schein, Zahn Dental showcasing digital solutions at CMW and LMT Lab Day

By Henry Schein Dental Staff

Henry Schein Dental, the U.S. dental business of Henry Schein, Inc., recently announced the lineup of practice solutions and presentations taking place at the company’s exhibit booths and ballrooms during the Chicago Midwinter Dental Meeting (CMW) and LMT Lab Day.

At the show, dental professionals will see the range of services they rely on from Henry Schein’s network of trusted advisors, who deliver valued solutions to improve clinical outcomes and operational success.

Visitors to CMW will have the opportunity to learn about Henry Schein’s commitment to helping oral-health professionals navigate the world of dentistry through digital solutions (booth No. 2819), Henry Schein exclusive merchandise (booth No. 2819), Henry Schein office design (booth No. 2719), and Henry Schein Practice Solutions (booth No. 3218).

Zahn Dental, the laboratory business of Henry Schein, will be showcasing and demonstrating the new Formlabs Form Cell at LMT Lab Day at the Hyatt Regency Chicago, ballroom EF. In addition, Zahn Dental will host several lectures and clinics throughout the show.

During CMW, Henry Schein will display digital technology solutions including scanners, milling units, 3-D printers, abutment solutions and the latest materials available from the company’s digital platform, Henry Schein ConnectDental®, which represents Henry Schein's commitment to help integrate digital technology into every step of the clinical workflow, along with the education and support needed to succeed.

Members of the Henry Schein Dental leadership team, as well as representatives from 3Shape, ACTEON, DENTSPLY Sirona, Formlabs, i-CAT and Planmeca will be available to answer questions, suggest customized solutions and demonstrate new products, such as Dentsply Sirona Hub, Air Techniques Mojave LT 3, Morita Veraview X800 and more.

The company will also demonstrate exclusive products including restorative solutions from Clinician’s Choice® Dental Products Inc., laser solutions from Precise®SHP and LTM Lasers by the CAO Group and pain-free dentistry from The Wand® by Wand Dental.

Henry Schein is committed to helping customers integrate digital technology into their practice with confidence and improve practice efficiency through education. Throughout the meeting, Henry Schein and its supplier partners will host a series of in-booth presentations and demonstrations showcasing the choice of innovative, scalable digital technologies as well as business solutions that can be effectively integrated into every step of the clinical workflow.

Featured presentations at CMW include:

Today
• 10 a.m.: “3-D Printing’s Impact on Your Profitability”
• 11 a.m.: “Moving your Practice Forward”
• Noon: “Schein DigiTALK Discussion” featuring Dentsply Sirona
• 1 p.m.: “Your Dental Office Design Journey”
• 2 p.m.: “Schein DigiTALK Panel Discussion” featuring 3Shape and Ivoclar
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Medidenta is pleased to announce the launch of Micro-Mega's new instrumental sequence for endodontic treatment. Discover the 2Shape, an intuitive sequence with two shaping instruments in continuous rotation.

This new sequence is composed of two shaping instruments in continuous rotation — TS1 and TS2 — which feature the company's latest innovations.

2Shape has been heat-treated using the T.Wire method, which improves the instruments' flexibility and provides the practitioner with added comfort, the company asserts. Experience an outstanding negotiation of curvatures with the 2Shape instruments, which return to their initial form after each use.

2Shape integrates the latest generation of MICRO-MEGA® cross-sections with three cutting edges, the perfect combination of efficiency and debris removal.

Other advantages include:
- A new efficient asymmetrical cross-section.
- T.Wire for improved safety and flexibility.
- Increased resistance to instrument fracture.

To learn more about 2Shape, visit Medidenta's booth, No. 2609. You may also call (800) 221-0750 or visit online at www.medidenta.com.

By Medidenta Staff

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PhD scientist explains the many advantages of polymer RPDs

By Solvay Dental 360 Staff

When Solvay Dental 360™ set out to develop a new material for removable partial dentures (RPDs), the goal was to create a high-performance polymer to fill the gap between the metal and flexible frames currently on the market.

Ryan Murphy, PhD, a polymer scientist for Solvay says, “Metals are way too rigid and flexibles are entirely too flimsy.”

With this in mind, Solvay drew from its 25-year history as metal-replacing experts in the healthcare industry to produce Ultaire™ AKP.

This innovative aryl ketone polymer (AKP) is formulated to meet critical performance requirements for RPDs.

Metal-free, lightweight, comfortable

“We saw an opportunity based on a lot of the undesirable traits and potential poor health consequences of metal RPDs,” Murphy says. “Ultre air AKP is metal-free, it’s lightweight, it’s comfortable for patients. It’s biocompatible, and it’s tooth supported. It’s very bone-like in its properties.”

With Ultaire AKP, dentists can offer patients a premium alternative to metal and flexible RPDs. “Ultre air AKP sits right in between, designed specifically to enhance the rigidity of the polymer to be supportive and to have a very long lifetime. But also, to have some flexibility and elasticity to be able to improve the patient comfort and overall experience,” Murphy says.

Ultre air AKP, a high-performance polymer, offers these features:

- Strong enough to be tooth supported
- May help minimize bone loss
- Minimal fitting sessions and adjustments
- High patient satisfaction
- May improve patient compliance

Ready to prescribe? Two Ultaire AKP partials 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.

Ultaire AKP is from Solvay Dental 360™, part of the global company Solvay, which has one of the broadest portfolios of high-performance, health-care polymers worldwide with more than 35 brands in more than 1,500 formulations. Solvay is now bringing this expertise to the dental industry with Ultaire AKP.

Photos/Provided by Solvay Dental 360

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.

* Ryan Murphy, PhD, Polymer scientist for Solvay

“Solvay Dental 360 is passionate about science,” Murphy says. “This is reflected in our parent company’s long history of innovation. So, we’re aiming to bring all of this talent, all of these unique chemistries that we have that are not served by any other player in the dental market, direct to you.”

Additional information and conditions of the promotion can be found at SolvayDental360.com/Chicago.
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.

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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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Expand your horizons at KaVo Kerr’s 3D Congress

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
- Carlos Quintero
- 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.
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Kulzer launches Ivory ReLeaf suction solution

By Kulzer Staff

Kulzer recently announced its launch of a time-saving, patient-friendly, high-volume hands-free HVE suction device: Ivory ReLeaf.

Ivory ReLeaf assists with evacuation, retraction and maintaining a dry field during a wide array of dental and hygiene procedures. Unlike saliva ejectors, Ivory ReLeaf is not only a hands-free suction device, but a high-volume suction device. It works in all four quadrants with ergonomic comfort and full view of oral cavity without the need to be moved around. This can save up to 15 minutes of time per patient, which can translate into hundreds of dollars in increased production throughout the day, according to the company.

“The ingenious aspect of Ivory ReLeaf’s design is that its disposable leaves use the cheek and vestibule area for support, rather than relying on the shape of the arch or the orientation of the teeth,” said Lesley Melvin, Kulzer’s director, marketing and product management. “This provides 280 degrees of suction around the leaf to make time-saving uninterrupted suction throughout the oral cavity possible.” Ivory ReLeaf further contributes to practice efficiency by conveniently connecting to existing dental vacuum systems in less than 60 seconds.

Ivory ReLeaf is exceptionally patient-friendly, the company asserts. Patients are less likely to feel claustrophobic because the device does not obstruct the airway, and because Ivory ReLeaf does not reach the soft pallet, gag reflexes are rarely an issue. In addition, its universal mouthpiece, or “leaf,” is made of a custom blend of latex and BPA-free polymer that is both soft and comfortable. Ivory ReLeaf allows patients to move their heads left and right and up and down, so they can communicate on a two-way basis with the clinician during the treatment.

Melvin says that the Ivory ReLeaf provides peace of mind to patients and clinicians alike. According to the Center for Disease Control, when patients close their lips around low-volume saliva ejectors, backflow can occur when the pressure in the patient’s mouth is less than that in the evacuator. “This backflow, which can include previous patients’ waste material, colonized biofilm from the tubing, and chemicals from flushing the line, is simply not possible with Ivory ReLeaf,” Melvin said.

Dental practices may order a free sample of Ivory ReLeaf at mydental360.com/releaf.

Here in Chicago

To learn more about Ivory ReLeaf, visit booth No. 2000. Dental practices may order a free sample of Ivory ReLeaf at mydental360.com/releaf. Learn more about Ivory ReLeaf and other Kulzer products at www.kulzerUS.com.

Kulzer's Ivory ReLeaf, a hands-free HVE suction device.

Photo/Provided by Kulzer
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The Power of Flexibility

The InOffice workstation offers everything you need to provide the best in office lab services. Design the workstation you need today, knowing you can add additional features after the initial purchase. With all of the advancements in digital restoration and single visit dentistry, you'll appreciate a workstation that can change with your practice.

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

*If dust collection is to be ordered at initial purchase, or added at a later date, pre-piping (DCPDDS) MUST be ordered at initial purchase.
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TAUB Products: Esthetic products developed for KOLs, clinicians, dental educators and your practice

By TAUB Products Staff

As industry products and technology advance at a continually fast pace, new procedures and methods are implemented. The focus at TAUB Products is to keep pace with these advances by offering products that deliver the best results possible, through simple and easy integration, no matter how doctors and labs practice dentistry.

TAUB is proud to introduce a revolutionary dual-cure acrylic resin – STELLAR DC Acrylic, which the company describes as being great for creating verification indexes, transfer and insertion guides for implants; pick-up impression copings; abutment seating jigs; connecting or fixing single implants parts for soldering and welding; and creating structure models of implant components.

STELLAR DC Acrylic can be light cured in 20 seconds or will cure on its own in 60 seconds. It provides the fastest production time of any pattern resin and acrylic, burns out completely and leaves no residue, according to the company. The material can be layered, reproduces detail accurately and grinds easily. A new technique allows it to repair cracked or damaged dentures in minutes.

“STELLAR DC Acrylic is a great addition to our product line,” said Jordan Taub, executive vice president at TAUB Products. “Using our chemistry and technology, we can now offer the CDT and prosthodontist an acrylic that increases production by dramatically reducing production times, which helps the bottom line. STELLAR’s on-demand continuous flow of material allows quick and easy fabrication,” he added.

TAUB is known for three products that solve many issues when placing cement-retained implant restorations: GoCHx Gel Syringeable Chlorhexidine, Liquid Magic Resin Barrier and ZERO-G Bio-Implant Cement.

According to Jordan Taub: “Zero-G provides permanent cementation of implant restorations and, at the same time, retrievability of those restorations. This is the best of both worlds for the doctors who want access to the abutment and also for the doctors who never want the restoration to come off.

“When we designed this cement, we understood incomplete cleanup of other cements, and peri-implantitis was a cause of concern. Giving Zero-G the highest radiopacity over any other implant cement makes any excess cement extremely visible. The cleanup is unlike anything else on the market; any excess can be completely removed.”

Liquid Magic Resin Barrier Material is used for implant and cosmetic dentistry. It can be used to fill abutment access holes, replacing Teflon tape and other products typically used. Liquid Magic is placed into the access hole, light cured and can be easily removed. Liquid Magic can be used for cement or screw-retained restorations. As a barrier product, it can be used when isolation is desired.

GoCHx Gel Syringeable Chlorhexidine is a thin, non-alcohol based gel in a water-soluble formula. As a gel, GoCHx can be applied precisely, staying where it is placed, and rinses completely. Use GoCHx Gel for everyday use.

From no-prep restorations to full mouth reconstruction, using emax®, CEREC®, zirconia, lithium disilicate, feldspathic porcelain and PFMs, FUSION-Zr® Esthetic Resin Cements provide the best results, according to the company. These esthetic cements allow dentists to present their best work by offering ease of use, fast cleanup, high-bond strength and correct color representation.

“My patients expect my restorations to pop,” said Ross Nash, DDS, of the Nash Institute in Charlotte, N.C. “They can’t just be good; they need to be the best. I get best results when using Fusion-Zr Resin Cements.”

Launched in 2016, Ca-Lok Flowable Adhesive Calcium Base/Liner is a light-cured, calcium-filled resin. Unlike any other resin or MTA bases and liners, Ca-Lok offers adhesion to tooth structure, preventing movement and sensitivity, and has seamless compatibility to other restorative materials, according to the company. Ca-Lok is radiopaque and releases calcium and fluoride. Use Ca-Lok when practicing conservative dentistry.

TAUB Products is also currently looking to build its team of lecture-based clinicians. If you feel any of these products have value in your dental education programs, please stop by the booth, call TAUB at (800) 828-2634 or email Jordan Taub at jordan@taub dental.com.
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There has been a disruption in the capture of dental images, but remain CALM. Planmeca has the solution.

The No. 1 disruptor of image quality for dentists is patient movement. During a dentist appointment, a doctor may need to take several 3-D X-ray scans to get a single image of diagnostic quality.

Oftentimes, a child, an individual with special needs or an elderly patient are challenged to remain still. This may result in the patient being X-rayed multiple times, which adds more time to the appointment and frustration for patient and doctor, not to mention the concern of additional exposure to radiation.

We created Planmeca CALM™ (Correction Algorithm for Latent Movement), a proprietary Planmeca algorithm, to address doctors’ concerns over patient movement during a 3-D scan. With Planmeca CALM, our CBCTs can analyze and compensate for the slight movement that can occur during a scan to provide improved diagnostic quality images. The addition of this feature (available for every new Planmeca ProMax® 3-D imaging system) will streamline the imaging process, minimizing retakes while improving diagnosis. The important benefit to patients: fewer retakes equals less radiation while achieving better diagnostic images.

“Dentists evaluating CBCT machines for purchase should focus critically on each manufacturer’s solutions for stabilizing the patient in the machine,” said Dr. Dale A. Miles, DDS, MS (Inside Dentistry, May 2017). Planmeca CALM addresses this doctor requirement as it can compensate for slight movement to produce diagnostic quality images.

Planmeca CALM is available on new Planmeca ProMax 3D imaging systems or as an upgrade for existing units – check with your authorized Planmeca dealer. Our advanced imaging systems provide detailed and accurate 3-D scans of patients – children and adults.

The Planmeca ProMax 3D family consists of a complete line of CBCT (cone beam computed tomography) imaging systems with optional digital 2-D panoramic and cephalometry in the same unit.

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