

today



A 'brilliant' way to polish

The product that promises to make polishing a simple task, taking up minimal time.

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Quality and speed: You can have both

The bulk fill composite for when you need it fast but don't want to sacrifice strength.

»page 8



A different kind of headlight

Say goodbye to battery packs and a single pair of loupes. Your lighting options just got brighter.

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Attendees check out the Hinman Dental Meeting exhibit hall in March 2017. (Photo/today Staff file photo)

Don't miss out!

Time is slowly running out on this year's Thomas P. Hinman Dental Meeting, and soon we'll have to say goodbye for another year, but that doesn't mean you can't make the most of today. Over in the exhibit hall, there is a lot still going on.

For instance, in honor of March Madness and the NCAA Men's South Regional Tournament held at Philips Arena across the street, Hinman 2018 is featuring a Hinman Hoops area. Head on over there to show off your best basketball moves.

Did you know you can obtain free

»see MISS, page 3

Get your one-on-one advice session today

If you haven't yet checked out Hinman Dental Meeting's new Free Advice Booth, providing one-on-one help sessions, you have one last chance to do so this year.

The new exhibit hall booth,

No. 1453, offers the chance to schedule 20-minute, one-on-one sessions to connect with other knowledgeable dental professionals.

Advice can be provided on a wide range of topics, including social

media, working mom guilt, marketing tips, retirement planning, volunteering, office design, work-life balance, implants, Ironman training and more.

Slots are scheduled on a first-come,

first-served basis through the Hinman app, available to download on your smartphone.

The exhibit hall is open only to 3 p.m. today, so don't miss out or you'll have to wait another year!

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continuing education credit in the exhibit hall throughout the meeting? Table Clinics, held in the back of aisle 1900, offer more than 100 tabletop presentations that are approximately 10 minutes in length and are provided by volunteers in the dental community, including military personnel. You can receive one hour of C.E. credit for each hour you spend in the table clinic area.

The Table Clinic is open from 10 a.m. to 1 p.m. today.

Over at the Total Health Pavilion, you can learn about healthy living, sample nourishing snacks and talk to lifestyle experts, as well as earn complimentary C.E. The pavilion is in booth No. 1556.

The exhibit hall also features the Learning Lab Co-Op, offering lab

Download the app!

By downloading the Hinman Meeting app, you'll find everything you need to navigate the meeting including course room locations, C.E. verification, shuttle schedules, speaker bios, handouts, exhibitor show specials and more.

tech expertise for dentists and technicians alike. This year's pavilion offers world-renowned speakers, including J.A. Pamploma, Bobby Williams and Katrin Rohde.

While at the co-op, you can learn about hybrid implant-retained dentistry from Arian Deutsch, and a new approach to pressed ceramics from Jared Fielding.

In addition, the exhibit hall offers:

- **Hinman Marketplace.** Offering retail therapy, the Hinman Market-

place has non-dental related exhibitors in the left corner of the hall next to the Hinman Eatery.

- **Attendee lounge.** Visit the attendee lounge to meet up with friends and colleagues or rest, relax and charge your phone, courtesy of Dentsply Sirona.

- **Hinman Eatery & Dining Dollars.** Save on lunch in the Hinman Eateries with the Dining Dollar coupons provided in the Hinman Program and Exhibits Guide. The Eatery hours are from 10 a.m. to 2 p.m. today.

- **Wi-Fi.** Take advantage of free Wi-Fi in the exhibit hall and in all course rooms at the Georgia World Congress Center, courtesy of Hinman Housing Powered by EventSphere.

The exhibit hall is open until 3 p.m. today, so make sure you fit it all in before the doors close for another year.

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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

Here in Atlanta

Visit COLTENE at booth No. 1237 to try BRILLIANT EverGlow. You may also visit everglow.coltene.com to request a free sample.

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. 1237 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.



• BRILLIANT EverGlow composite by COLTENE. (Photo/Provided by COLTENE)

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Combining equipment, ergonomics to enhance the patient experience

By Midmark Staff

■ Whether assessing existing operatories or designing a standardized blueprint for a new dental practice, there are a few key factors dental professionals should consider to help ensure an effective dental space. Creating a successful practice is not only about having the right equipment, it's also about knowing how to use it in the right way.

Having the right type of equipment within the clinical environment can increase the level of comfort and safety and enhance the delivery of care. Necessary equipment for all operatories includes the overhead lighting and patient chair, which are both vital instruments used in every patient visit. By gaining a better understanding of this equipment, dental professionals will uncover opportunities to improve efficiency and, ultimately, patient care.

Factors to help ensure an effective dental space that is conducive to the delivery of high-quality care include:

Operatory lighting

Overhead lighting plays a major role in ensuring quality dentistry. It is important to have overhead lighting in the operatory that provides both the dentist and assistant with an even distribution of light in the oral cavity to help eliminate shadows, match shades, identify details and diagnose tissue.

Proper lighting provides the clinician with not only better visibility into the oral cavity but also has the ability to help reduce eye strain on the part of the clinician, Midmark asserts. Eye strain may lead to reduced productivity and other eye issues later in the clinician's career.

Many of today's dental lights, such as the Midmark Dental LED Operatory Light, feature high-powered LEDs that remain safe and cool to the touch compared with halogen lights. With its advanced design, the Midmark Light provides the ultimate experience with less heat generation and a longer lifespan, according to the company. Color temperature on halogen lights tend to vary when adjusting the intensity, while LEDs hold a consistent color temperature.

Patient chair

Patient comfort is one of the most important factors in creating an ideal patient experience. The chair is



• Midmark Dental LED Operatory Light. (Photos/Provided by Midmark)



• Midmark's Elevance Dental Chair.

where a patient will spend most — if not all — of his or her time during an appointment. No matter how long a patient spends reclined, chairs must be designed to offer premium patient support and comfort. Dental chair designs have significantly improved in recent years, focusing on the comfort level of patients, dentists and clinicians.

The ideal chair for any dental practice looking to enhance the level

of care is one that is designed to synchronize, or move, with the human body and reduce patient anxiety. For instance, Midmark's Elevance® Dental Chair eliminates the need for the patient to readjust by offering a sculpted backrest to accurately position the patient's neck and integrated armrests to support the patient's upper body. It even features a built-in heat and massage system to further relax the patient during the exam.

Here in Atlanta

To check out the Midmark Dental LED Operatory Light, the Elevance Dental Chair and other Midmark products, stop by the booth, No. 919.

In order to ensure comfort for the clinician, there are two important elements that need to be considered — the ergonomic positioning of the operator and the positioning of the patient in relation to the operator.

When choosing a chair, ensure there is enough access under the chair to work comfortably in normal operating positions. The design of the chair back is also key to proper clinician positioning and patient access. Rotating the chair allows further flexibility to help ensure the clinician has good visibility in the 11 and 12 o'clock positions while still maintaining access to cabinets and instruments. Newer chairs have electronic rotation systems that make it easy to rotate the chair instead of having to struggle with the older manual rotation release levers.

Considering the amount of hours clinicians spend working within the patient's oral cavity, design of the dental chair should expand the range of travel in order to maintain optimal access. For example, the Elevance Dental Chair features a unique Cantilever Forward® design, allowing for unsurpassed range of travel and greater flexibility whether seated or standing, according to the company.

The chair's seat height can be lowered to 15 inches and extended to 34 inches, allowing clinicians to bring the patient to the desired height needed for a proper exam. Optimal access is also crucial for maintaining an ergonomically correct working posture and maximizing performance, thus reducing the strain on the backs, shoulders, arms and wrists of the practitioner.

Midmark dental products

With the help of Midmark's integrated portfolio of dental equipment, dental professionals can combine the right equipment with the appropriate ergonomic principles to further enhance the patient experience, according to the company. Dentists who can improve the overall effectiveness of their operatories will be in a better position to deliver efficient, high-quality patient care.

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REVEAL HD Bulk: When you need speed but don't want to sacrifice strength or esthetics

By Dr. Joseph Kim

■ When it comes to composite restorations, dentists are often asked to sacrifice speed for quality or quality for speed. This has been especially true when it comes to bulk fill composites, which brought the promise of larger increment sizes but required specialized equipment or were otherwise difficult to handle.

Now, clinicians can have a composite that easily adapts to the tooth and can be used in a true bulk fill technique. REVEAL® HD Bulk is BISCO's new bulk fill light-activated restorative composite, optimized for simpler and faster posterior restorations. REVEAL HD Bulk combines appropriate handling, depth of cure and polishability, allowing clinicians to provide patients with functional and esthetic composites while saving valuable chair time.

REVEAL HD Bulk allows for layering increments up to 5 mm because of its predictable depth of cure. This feature is accompanied by low volumetric shrinkage, high flexural strength and excellent radiopacity, resulting in long-lasting, durable restorations. While REVEAL HD Bulk is indicated for all direct and indirect restorations, clinicians will appreciate the significant time savings that bulk filling provides, especially in posterior teeth.

Like other restorative composites, it is important to maintain adequate isolation to prevent contamination of the tooth from saliva and blood. When indicated, use of a sectional matrix system with significant separating force will ensure excellent adaptation to the proximal margins, as well as minimize interproximal food impaction.

After excellent isolation has been achieved, a universal bonding agent, such as ALL BOND UNIVERSAL®, is applied to all prepared surfaces according to manufacturer instructions. When possible, it is ideal to selectively etch the enamel surfaces where the composite is intended prior to application of the bonding agent, resulting in minimal long-term mar-



• (Photo/Provided by BISCO)

ginal leakage and dentinal sensitivity issues.

Depending on operator preference, a flowable composite resin may be used in the deepest and least accessible areas of the preparation, including undercuts and the cavosurface margins of proximal boxes. The appropriate shade of REVEAL HD Bulk can be placed in a single increment for most Class 1, 2 and 3 restorations. For preparations that include areas that are deeper than 5 mm, it is advisable to build the restoration in appropriately sized increments.

Keep in mind that because of its unique chemistry, care should be taken to avoid unnecessary exposure to light, including from ambient and overhead sources, in order to avoid

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Stop by the BISCO booth, No. 1337, to learn more or visit reveal.bisco.com or call (800) 247-3368.

premature hardening of the material.

Finally, the restoration can be finished with fine diamonds and finishing carbides, followed by finishing points. It is worth noting that since REVEAL HD Bulk's viscosity has been tuned for bulk fill applications, it is preferable to limit occlusal carving and shaping to primary anatomy prior to curing. After curing, greater detail may be added with finishing burs, as needed.

Alternatively, when darker or

opaque restorative composite shades are required, REVEAL HD Bulk can be placed and cured short of the occlusal cavosurface margins. The final layer can be a traditional restorative composite in an ideal shade and opacity. Because REVEAL HD Bulk is universally compatible, it will serve as an excellent base under all light-activated restorative composites.

REVEAL HD Bulk has been specifically designed to address the needs of clinicians who require the speed of a bulk fill restorative composite without sacrificing strength and ignoring esthetics. It is currently available in the most commonly used shades, from A3 to B1, in both syringe and unit dose form.

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