

today



Based on your recommendations

RGP uses customer feedback to revamp its armrest design to better serve your needs.

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The best path to an efficient practice

Come learn more about the ImpactDesign series and save \$50 off your registration.

»page 10



Making dental tech award history

Why these three award-winning lighting products stand apart from all the others.

»page 20

Something for everyone



• (Photo/today Staff file photo)

All-day programs and specialty courses geared toward the entire dental team

■ Whether you are brand new to dentistry or a seasoned clinician, a student or a hygienist, a general practitioner or a specialist, this year's Thomas P. Hinman Dental Meeting is sure to have something perfect just for you.

Returning this year are all-day programs for dental hygienists, assistants and office staff, and there are also a number of courses provided by dental hygiene, dental assisting and dental practice experts from around the country.

"We are excited about this year's

»see EVERYONE, page 3

#MyHinman helps raise scholarship dollars

■ It's not too late to help the Hinman Dental Meeting contribute money to students and dental education programs throughout the country.

For a second year, the Thomas P. Hinman Dental Meeting has launched its new #MyHinman Campaign. When someone posts the official hashtag, #MyHinman, on Facebook, Twitter or Instagram, he or she will help raise money for scholarships and be

entered into a drawing for \$100 cash. Two winners will be drawn each day of the meeting, with the results posted at hinman.org/myhinman.

Each time a post is shared on social media with the #MyHinman hashtag, Hinman will donate to the scholarship bank. Individuals are encouraged to vote for which schools should receive the "My Hinman" scholarships, which will be disbursed to three deserving

students. The 1st, 2nd and 3rd place winners will be announced after the meeting concludes this week.

To see a list of schools and to cast your vote for the school of your choice, head to www.surveymonkey.com/r/MyHinman.

"For nearly two decades, the Hinman Dental Meeting has contributed millions of dollars to students and dental education programs throughout

the country," said Dr. Patrick Yancey III, general chairman for Hinman 2018. "The #MyHinman campaign is another way to raise money for students while celebrating the reasons we all love the annual meeting and the Hinman experience."

Posts can range from sharing the #MyHinman YouTube video to

»see #MYHINMAN, page 3

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EVERYONE from page 1

program and theme, which is 'Experience Hinman: Invest in Your Future,'" said Dr. Patrick Yancey III, general chairman for Hinman 2018, in a press release sent out before the event. "It emphasizes the importance of continuing dental education for everyone, from Millennials just starting out to seasoned professionals looking to revitalize their practice.

"We've created a quality continuing education program delivered by many new speakers as well as some of the profession's favorites. We've also focused on providing attendees with many opportunities for face-to-face networking with colleagues and peers."

To that end, there are more than 250 quality continuing education courses to choose from as well as an exhibit hall featuring nearly 400 companies. This year, the meeting has added several new and in-depth sessions to its lineup of continuing education, including:

Download the app!

By downloading the Hinman Meeting app, you'll find everything you need to navigate the meeting including: Adding and paying for courses, course room locations, C.E. verification, shuttle schedules, directions and parking info, speaker bios, handouts, exhibitor show specials and maps of the exhibit hall, Georgia World Congress Center & Omni Hotel at CNN Center, among other items.

- "Understanding the Concepts of Endodontics: A Hands-On Workshop" with Dr. Ralan Wong, Friday, 9 a.m.–4 p.m. (one-hour lunch break).
- "Introduction to Implant Dentistry: Hands-On Placement with Models" with Dr. Michael Pruett, Saturday, 8 a.m.–5 p.m. (one-hour lunch break).
- "Women and Their Money: A Road to Retirement," with Megan Brinsfield of Motley Fool Wealth Management, Saturday, 9 a.m.–noon.
- "Maximizing Pediatric Air-

ways with Children's Healthcare of Atlanta" with Dr. Erik Bauer, Dr. Steve Goudy and Dr. Michael Sebastian, Saturday, 8–11:30 a.m.

In the exhibit hall

In addition to Hinman's continuing education program, Hinman 2018 will feature nearly 400 companies located in the Building A Exhibit Hall. Exhibitors will showcase new technology, equipment, products and services for the entire dental staff.

New this year, Hinman will offer "Free Advice" booths where Hinman members will provide guidance on a number of hot, relevant topics.

The exhibit hall is open until 5 p.m. today, from 9:30 a.m. to 6 p.m. Friday and from 9:30 a.m. to 3 p.m. Saturday.

In addition, the New Product Showcase will be open from 9 a.m. to noon Friday. Designed for the entire dental team and open to all attendees at no fee, 18 companies will present the latest products and services in an informative, non-commercial manner.



• Share your Hinman thoughts and experiences on social media using the #MyHinman hashtag, and you can help raise money for student scholarships. (Photo/Provided by Hinman Dental Meeting)

#MYHINMAN from page 1

posting a photo from the last time you attended Hinman to inviting your friends to join you at Hinman's Night Out at the Georgia Aquarium on Friday. Posts also can simply be sharing Hinman's page with your followers or discussing which courses, events or speakers you are most excited about.

In addition, Hinman's official housing company, EventSphere, again will

match donations to help increase the scholarship amount awarded to the three winners. As a result of EventSphere's scholarship match at Hinman 2017, Hinman raised \$3,000 in additional scholarship funds.

Hinman scholars

Because of Hinman's annual meeting each March, the Hinman Dental Society has contributed more than \$8.5 million during the past 17 years,

with \$600,000 in 2017 alone, in scholarships and large gifts in support of dental education. These gifts in 2017 included 92 scholarships provided to students at 47 premiere dental, hygiene, assisting and lab tech programs.

The students selected for scholarships are named "Hinman Scholars" and are recognized during a luncheon held each year at the Hinman Dental Meeting.

Predictable and functional esthetics with low shrinkage and reduced stress

By Shofu Dental Staff

■ One of the greatest limitations in the use of resin composites is the material's shrinkage during polymerization.

This process, typically associated with dynamic development of elastic modulus, creates a network of stress cells within the resin composite and its interface with the tooth structure.

The unrelieved stress can weaken the bond between the tooth structure and the restoration. Consequently, marginal leakage, tooth fracture and a restoration's displacement may occur and further initiate the formation of secondary caries and post-operative sensitivity.

On average, the majority of resin composites in the market shrink about 2 to 5 percent.

As polymerization shrinkage cannot be completely eliminated, a plethora of techniques and protocols has been developed to conduct the manipulation of restorative procedures to minimize the effects of shrinkage and associated shrinkage stress.

Introduction of various new composite systems with low-shrink chemistry may also help overcome the problem.

A next generation of a bioactive composite indicated for all cavity classes, I–V, Beautifil II LS (Low Shrink) provides general practitioners with the means to reduce polymerization shrinkage and shrinkage stress while creating predictable and functional esthetics.

Like all restorative materials from Shofu, this novel composite incorporates the proprietary bioactive Giomer chemistry, clinically proven in eight- and 13-year recall studies to release and recharge fluoride and other beneficial ions and inhibit plaque formation to help establish a stable pH in the oral environment.

Highly filled, 83 wt percent, Beautifil II LS demonstrates excellent compressive and flexural strength (ca. 370 MPa and 120 MPa, respec-



• Functional and naturally beautiful restorations created with Beautifil II LS. (Photos/Frank J. Milnar, DDS, AAACD)



• Beautifil II LS. (Photo/Provided by Shofu Dental)

tively), maintains ideal color stability and polishes in an instant, producing a long-lasting sheen, according to the company.

Among the distinguishing features

of Beautifil II LS are its low-shrink attributes. In rigorous international bench tests, this ground-breaking material demonstrated volumetric shrinkage of 0.85 percent and

Here in Atlanta

Visit Shofu's booth, No. 1519, to learn more about Beautifil II LS.

polymerization shrinkage stress of 2.72 MPa, the lowest characteristics among all universal composites in the market today. Shofu attributes these outstanding results to a new proprietary monomer and high-density pre-polymerized fillers, which also exhibit tooth-like optical properties and natural esthetics.

Available in syringes, tips and value kits, in 14 dentin and enamel shades, Beautifil II LS offers predictable and functional esthetics with greater strength, higher wear resistance and naturally beautiful esthetics, according to the company.

Features of Beautifil II LS (Low Shrink)

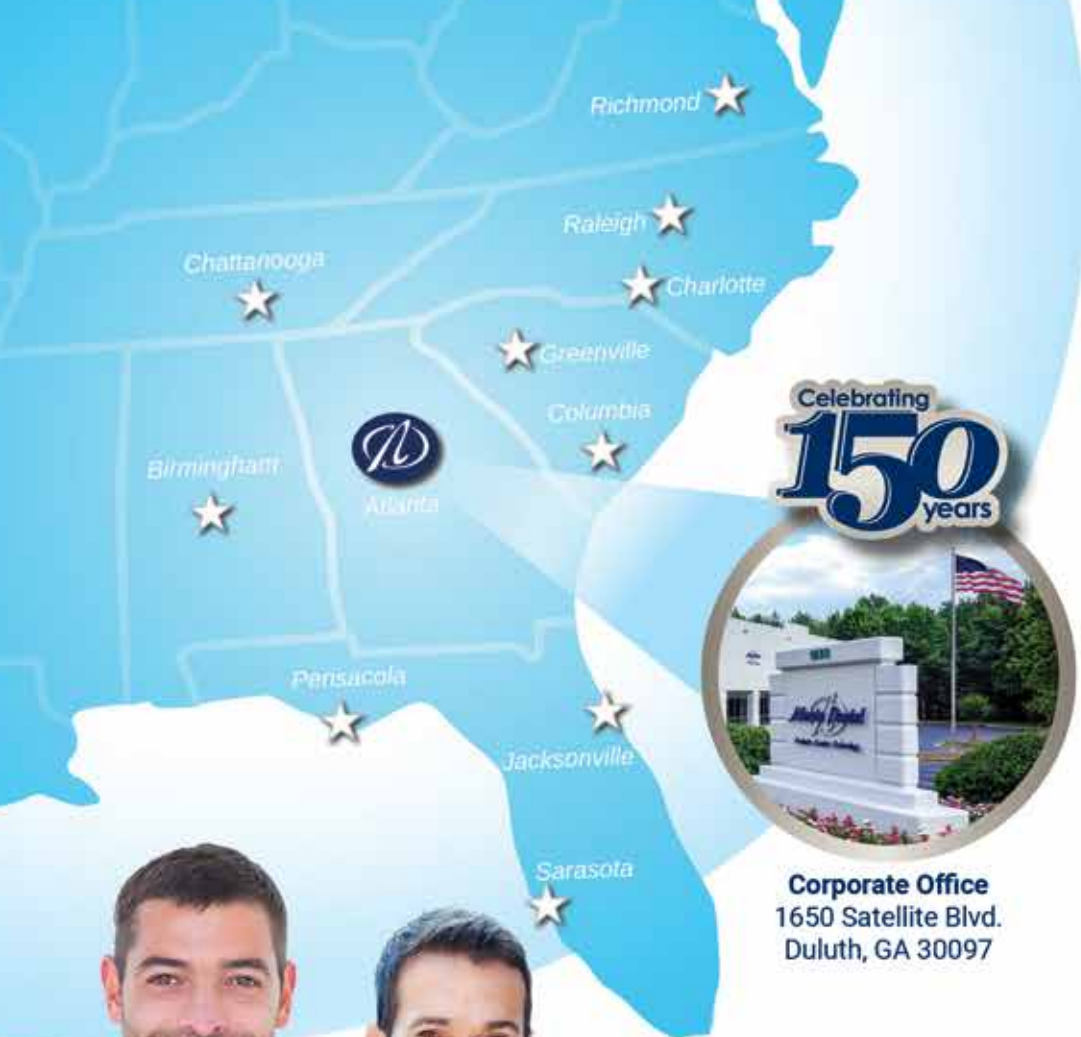
- Lowest volumetric shrinkage (0.85 percent) and shrinkage stress (2.72 MPa).
- Greater strength and higher wear resistance.
- Tooth-like esthetics with natural fluorescence and chameleon effect.
- Polishes in an instant.
- Sustained fluoride release/recharge with bioactive Giomer chemistry.

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RGP listens to its customers' suggestions

By RGP Staff

At the request of many of our long-time customers and because of recommendations from other professionals in the dental industry, RGP has revamped its relax and hydro armrest design to better serve your needs.

Our 2-D and 3-D armrests are fully telescoping, fluid arm supports that provide subtle shoulder, neck and back support without limiting the user's natural motions.

Dentistry requires the activation of many different muscles, and it can be very painful on the body. Taking small precautionary steps and adjusting your workplace environment to better support these muscles is important for your long-term success and health. Our new armrests have been built to extend out an extra 6 inches beyond our previous design. This extra length and reach makes the armrests all the more functional in your day-to-day procedures.

If you are experiencing non-dominant shoulder and arm pain,

Here in Atlanta

To check out RGP's line of stools and armrests, stop by the booth, No. 637.

chances are it's because of constant levitation of the arm in free space while retracting or holding a mirror. Dental professionals find themselves pulling a cart over, leaning on a nearby counter top, resting on their knee or, even worse, the patient's head. RGP armrests are designed to help us eliminate these bad habits. When we allow the arm support to take the weight off, we maintain our proper posture and reduce our stress and fatigue significantly, RGP asserts.

For more than 20 years, customers have been feeling and seeing the benefits of these telescoping arm supports, and many of our customers attribute the prolonging of their careers to our unique arm support system. All of RGP's stools can easily accept the arm supports. Combining our arm support system with our line of stools and chairs makes for an enjoyable



• The 400-D stool with a relaxed armrest.



• A saddle stool with arms.

• (Photos/Provided by RGP)

and comfortable work day.

All RGP stools and arms come with a full 30-day money back guarantee. If you are unhappy with any product that you purchase from RGP, we will pay the return shipping and refund your money, or we will swap the

product for a different style to accommodate your needs.

Proper ergonomics in the workplace is extremely important and can change your life. Call RGP today to discuss the different options that are available to you.

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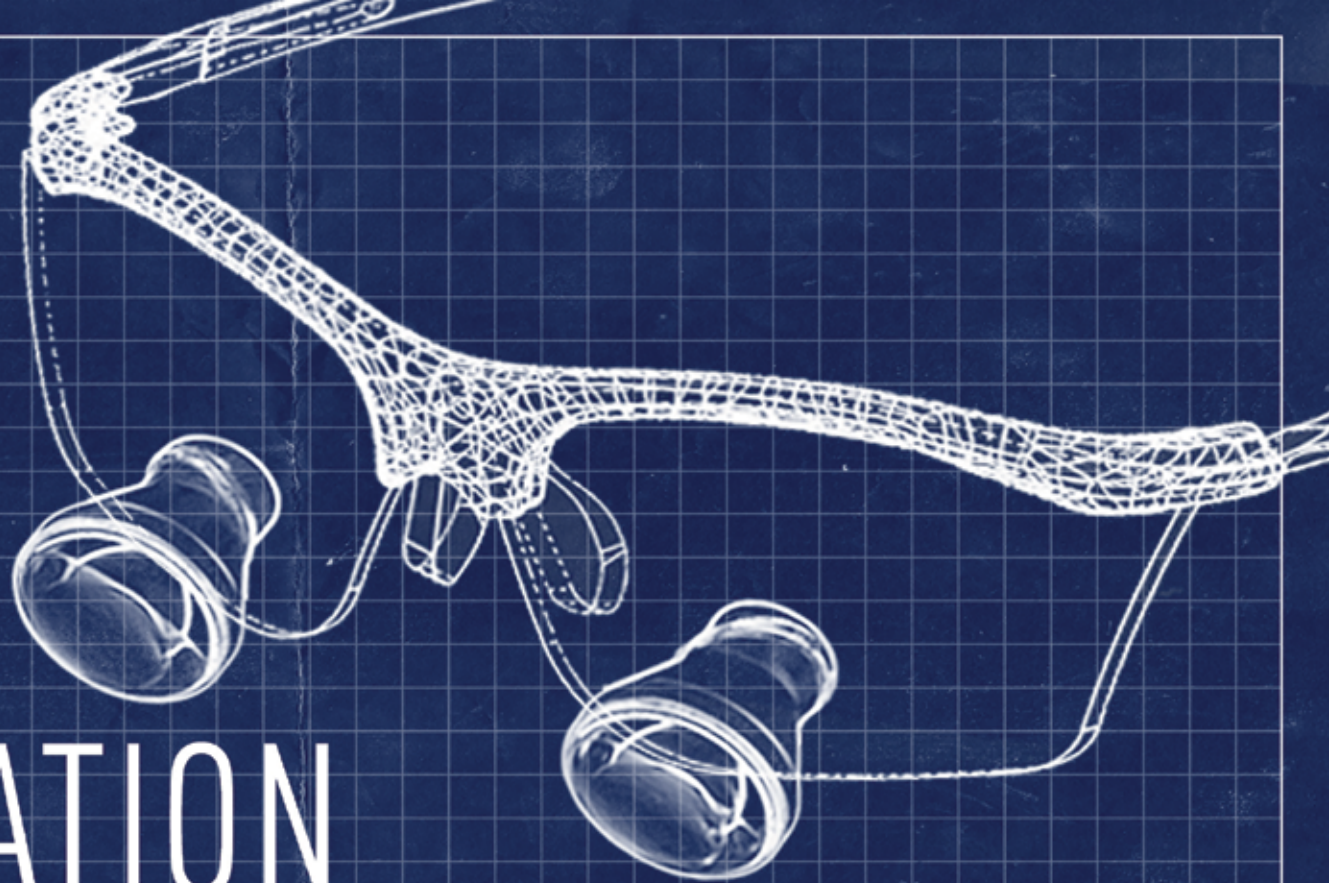
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REVEAL HD Bulk: When you need speed but don't want to sacrifice strength or esthetics

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

Here in Atlanta

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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