15 ways to experience Atlanta

For those who are looking for something to do after attending courses and visiting the exhibit hall, Atlanta is often considered one of the most exciting cities in the country. From top attractions to history, there is sure to be something for everyone. Here are 15 attractions to help get you started.

Georgia Aquarium
The world’s largest aquarium, it is home to beluga whales, whale sharks, penguins and other aquatic animals from around the globe.

World of Coca-Cola
The Coke museum features a multi-sensory 4-D theater, an 1880s soda fountain and a live-action bottling line, plus an opportunity to sample nearly 70 different beverages from around the world.

Georgia Dome
The Georgia Dome, the largest cable-supported domed stadium in the world.

See ATLANTA, page 2

A view of Atlanta. Photo/Provided by the Georgia World Congress Center

100 & counting

The Thomas P. Hinman Dental Meeting celebrates its century of existence with world-class speakers, social activities and daily prize giveaways.

The Thomas P. Hinman Dental Meeting is now officially 100 years old. And to celebrate, this year’s meeting is featuring more than 65 world-class dental experts, more than 250 courses, including 50 hands-on workshops; all-day educational tracks for dentists, dental hygienists, assistants and office staff; and nearly 400 companies demonstrating the latest trends and technology in the industry.

In addition, there are also two “Parties of the Century,” a guest appearance by former first lady Laura Bush and daily prize giveaways in the exhibit hall.

“We couldn’t be more excited to be celebrating the 100th Hinman, and in honor of this special occasion, we have lined up an impressive roster of speakers, talks, courses and social activities. It’s going to be quite the party!” said Hinman meeting organizers.

See 100, page 2

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innovative exhibits and the parties of the century,” said Dr. Allen French, gen-
eral chairman of the 2012 Hinman Den-
tal Meeting. “What started as a study club in 1912 has grown to become one of the preeminent dental meetings in the country with a 100-year legacy of excel-
lice.”

Continuing education
Hinman’s 2012 continuing education program will feature more than 65 na-
tionally renowned clinicians and leaders in the field of dentistry and more than 250 lectures and workshops, a quarter of which are participation courses.

New this year to Hinman is a three-
day educational track, “Emerging Den-
tist’s Survival Guide,” designed for new dentists and dental students. Courses will be held today from 9-4 p.m., Friday from 8:30 a.m.–4 p.m. and Saturday from 8:30–1:30 a.m.

The “Business Fast Track” returns this year and offers a total of eight courses held today and Friday. Returning for a third year are the all-day educational tracks designed specifically for dental hygienists, dental assistants and busi-
ness professionals.

“Prevention Convention,” which is to-
day and Friday from 9 a.m.–3:30 p.m., is for hygienists. “Assisting Extravaganza,” taking place Friday from 9:30 a.m.–5 p.m., is for dental assistants. “Busi-
ness Office Bonanza,” on Friday from 8:30 a.m.–4 p.m., is for office staff.

All three full-day tracks feature six 50-minute lectures and cover a broad range of topics geared to the dental staff member.

Exhibit hall
In addition to a complete continuing education program, Hinman will feature nearly 400 companies, all located in one hall and on one level. New this year and in honor of the 100th meeting, the exhibit hall will feature Dental Office Pavilions, a special “100 Years of Hinman” exhibit and a New Product Pavilion featuring the industry’s newest innovations.

Two giveaways will also be going on in the exhibit hall. The Diamond-A-Day Giveaway will take place in celebration of the Hinman 100th diamond anniver-
sary. Ticket tumbler will be located in the Hinman History Pavilion today and Friday from 4–4:45 p.m., and the winner must be present at 4:45 p.m. to claim the prize. On Saturday, the tumbler is in the Hinman History Pavilion from 2:45–
3:30 p.m., and the winner must be present at 3:30 p.m. to claim the prize.

In addition, look for Dr. and Mrs. Hin-
man on the show floor for your chance to win several $500 cash prize giveaways. Attendees must turn in their completed ticket to Dr. or Mrs. Hinman when they see them. Dr. and Mrs. Hinman will be walking around in the exhibit hall to-
day and Friday from 9:30–11:30 a.m. and from 3:30–5:30 p.m. and on Saturday from 9:30 a.m.–12:30 p.m. The winners will be called on their cell phones and do not need to be present.

The exhibit hall is open from 9 a.m.
to 5:30 p.m. today and Friday and from 9 a.m. to 4:30 p.m. on Saturday.

Social activities
There is always more to the Hinman Dental Meeting than just the educational courses and the exhibit hall, and this year is no exception. This year’s meeting highlights include:

• Keynote Session with former First Lady Laura Bush. The Keynote Session will take place today in the Thomas Murphy Ballroom (GWCCCCC Building B, Level 5). Doors and cash bars open at 4:30 p.m.

• A Dental Student Orientation Reception. The reception will take place Friday afternoon at 4 p.m. and is being held to familiarize dental students with the Hin-
man Dental Meeting and the continuing education process.

• Two “Parties of the Century”. Both the annual Dentist Reception and the Aux-
iliary Reception will take place Friday night in the Omni Hotel. Both receptions offer food, drinks and music.

For more information on the Hinman Dental Meeting, download the mobile app on your smartphone or tablet.

(Names: The Hinman Dental Society of Atlanta)

Atlanta Botanical Garden
The Atlanta Botanical Garden features more than 30 acres of gardens, forest and wildflower trails as well as a 10,000 square-foot Puppa Orchid Center. The Canopy Walk, a 40-foot high suspension bridge creating a treetop walking trail, is the garden’s latest addition.

ATL-Cruisers Electric Car Tours
Discover a new way to explore the city with ATL-Cruisers Electric Car Tours. Atlanta’s only electric car tour company.

Learn about Atlanta’s rich history, find the most popular places to grab a bite or just sit back and enjoy the ride.

Atlanta History Center
The Atlanta History Center features 32 acres of gardens, wildlife trails and woodland areas. The complex includes the 1840s Tullie Smith Farm and the fully restored 1928 Swan House Mansion. The museum offers exhibits on the Civil War, African-American history and Southern folk art, with a wing dedicated to the 1996 Olympic Games.

(Names: www.atlanta.net)
Here at Hinman: what to know

What
100th Thomas P. Hinman Dental Meeting

Where
Georgia World Congress Center (GWCC), 285, Andrew Young International Blvd., N.W., Atlanta

Exhibit hall
The exhibit hall is located in GWCC Halls A1, A2 and A3. It is open from 9 a.m.–5:30 p.m. today and Friday and 9 a.m.–4:30 p.m. Saturday

Hinman Shuttle
A shuttle bus system will operate from participating downtown hotels to the GWCC. Shuttle hours are 7 a.m.–8 p.m. today, 7 a.m.–6 p.m. Friday and 7 a.m.–5 p.m. Saturday. Buses run every 10 to 15 minutes. The routes are:
• Route 1: Westin Peachtree Plaza, Hampton Inn Downtown, Holiday Inn, Marriott Atlanta Downtown
• Route 2: Hilton Atlanta, Hyatt Regency Atlanta, Hyatt Place
• Route 3: Marriott Marquis
• Route 4: Ritz-Carlton, The Ellis Hotel, Sheraton Atlanta
• Route 5: W Hotel Downtown

Guest policy
All guests must pay a $75 registration fee, complete a guest registration form and can register on-site only. Guests do not have to be accompanied by a registered attendee. Registering enables guests to visit the exhibit hall and buy tickets for courses or special events. Guests do not receive continuing education credits.

Children
All children must register for the meeting. Children may visit the exhibit hall but are not permitted in lectures.

Business services
A full-service business center, operated by FedEx Kinkos, is available inside the main entrance of the GWCC. Operating hours are from 8 a.m.–5 p.m. each day.

Coat and stroller check
A coat, briefcase and stroller check is available for a nominal fee on Level 3 of Building A, across from Room A-314.

C.E. credits
Continuing education certificates can be printed out at the conclusion of each course, at the end of the meeting or from www.hinman.org for up to six months following the meeting. Computerized continuing education certificates also can be printed out at one of two locations during the meeting: daily in the Cyber Cafe or from 1–5:30 p.m. Saturday in the Registration Hall.

Special offers
• Hinman 100 T-Shirts. Pick up your limited-edition Hinman 100 T-shirt at the Registration Hall while supplies last. Shirts are $10, and the proceeds will go toward a scholarship for dental education. Cash, check or credit cards are accepted.
• Hinman Dental Hard Rock Cafe Pen. The Hinman Dental Hard Rock Cafe Pin is $14, and a portion of the proceeds will go to a Hinman scholarship. Pins can be purchased in the exhibit hall at booth No. 2350 or at the Hard Rock Cafe Atlanta store.
• Googie Burger: Stop by Googie Burger in Centennial Olympic Park and get 10 percent off “The TMJ Burger” and “The Root Canal” milkshake in honor of Hinman’s 100th anniversary meeting. Show your Hinman badge for the discount.

Diamond-A-Day Giveaway
The Diamond-A-Day Giveaway will take place in celebration of the Hinman 100th diamond anniversary. Ticket tumbler wheels will be located in the Hinman History Pavilion in the exhibit hall today and Friday from 9:30–11:30 a.m. and from 3:30–5:30 p.m. and on Saturday from 9:30 a.m.–12:30 p.m. The winner will be called on his or her cell phone and does not need to be present.

Cash giveaways
Look for Dr. and Mrs. Hinman on the show floor for your chance to win several $100 cash prize giveaways. Attendees must turn in their completed ticket to Dr. or Mrs. Hinman in the exhibit hall for a chance to win $100 cash.

Blood drive
The American Red Cross Blood Drive is partnering with the Hinman Dental Meeting to hold a blood drive Friday from 10 a.m.–3 p.m. To schedule your donation time and check your eligibility, go to www.redcross.org and enter sponsor code Hinman.
Every investor’s question: ‘What’s next?’

By David Keator, Keator Group

During the last 30 years, we have seen investment “bubbles” of different varieties that are nothing more than extreme investment swings based on a myriad of factors. Internet, commodity and real estate bubbles, to name just a few, have all caused many investors anxiety. The primary drivers of these inflated values are based upon momentum and greed. It comes from a feeling that everyone else is making money and the investor is missing out.

It is OK to be an optimist, but it is a good idea to be watchful when everyone else is making money and the investor is missing out.

Remember, we are in a global economy, so do not overlook investment opportunities throughout the world. It is OK to be an optimist, but it is a good idea to be watchful when everyone else is making money and the investor is missing out.

For more information, please contact:
Journées dentistes internationales du Québec
625, boul. Rieur-Lévesque Ouest, 15e étage, Montréal, QC H3B 1H2
Tel: 514.875.8511 • Fax: 514.875.1561
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Investing in fixed-income securities involves certain risks, such as market risk if sold prior to maturity, and credit risk, especially if investing in high-yield bonds, which have lower ratings and are subject to greater volatility.

All fixed-income investments may be worth less than original cost upon redemption or maturity. U.S. Treasury securities are guaranteed by the full faith and credit of the U.S. government for the timely payment of interest and principal if held to maturity. Investing in foreign securities presents certain risks not associated with domestic investments, such as currency fluctuation, political and economic instability, and different accounting standards. This may result in greater share price volatility.

Investment products and services are offered through WFAFN, member SIPC. Keator Group, LLC, is a separate entity from WFAFN. Investments in securities and insurance products are not FDIC-insured/ not bank-guaranteed/may lose value.
Be Deep
Be Level
Be Adaptable
Be Sure

“SureFil® SDR® flow performed the best overall among flowables”

An independent, non-profit, dental education and product testing foundation (Clinicians Report, March 2010). Contact DENTSPLY Caulk for the full report.

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SureFil® SDR® flow bulk fills up to 4mm, thanks to our revolutionary SDR® Technology, which reduces polymerization stress up to 60 percent. But to be really Sure, we added self-leveling handling and excellent cavity adaptation. And now, a two-year clinical study has proven it; we earned our name. SureFil® SDR® flow. Now you can be Sure, too.

Sample the most successful bulk fill flowable¹ at www.surefilsdrflow.com
Quality control achieved by controlling everything

At NSK, it’s all in-house: researching, developing, manufacturing, testing, improving

NSK uses more than 17,000 precision parts to build its high-speed rotary cutting instruments, which include handpieces and tips used by dental professionals for restorations, prosthetics, endodontics, oral hygiene, lab work and surgery.

Considering the market’s ongoing demand for ever-more precise, strong and compact instruments, that’s not really surprising.

The surprising part is this: Out of those 17,000-plus parts, NSK manufactures more than 85 percent of them in-house.

The company even designs and builds the equipment it uses to manufacture and test those parts — so it can ensure micron-order accuracy. It’s all part of an obsessive focus on quality control that dates back to the company’s founding in Japan in 1930.

Today, NSK products have proven their worth in more than 130 countries — including the United States, which in 1984 saw the company’s first overseas expansion with establishment of NSK America, now called NSK Dental.

The philosophy of building the machines to build the parts to build the product has followed the company into every market it enters. The organization’s overall management structure puts control at regional levels to ensure prompt product delivery and responsive after-sales servicing.

Just as important, would-be purchasers of the equipment it uses to manufacture and test those parts — so it can ensure micron-order accuracy. The ultimate goal is an apparatus and operating system. That’s where a user-oriented design philosophy becomes critical. The ultimate goal is an ergonomic design that becomes an extension of the dental professional’s hand, transmitting intentions of delicate hand movements promptly and precisely to the target.

Only after the need or concept expressed by the end user is in place does creation and manufacturing of the instrument (and its individual parts) begin. It’s at this phase that each part typically goes through six to eight processes prior to completion. Every worker involved with any part bears responsibility for quality in all processes. If any defect is spotted, the part must be brought into micro-order tolerance or removed from the process.

State-of-the-art processing machinery further protects the company’s goal of guaranteeing 100 percent quality.

NSK production workers are constantly improving their skills, with more-experienced workers providing colleagues comprehensive training.

Quality focus includes environment

Looking at its mission from a broader perspective, NSK also demonstrates a strong commitment to minimizing environmental impacts of its manufacturing, distribution, sales and support systems.

The company has achieved the ISO 14001 environmental management standard, with the certification earned from what is considered one of the strictest certification authorities, TUV CERT in Germany. Achieving the ISO 14001 standard required the design of a comprehensive environmental management system and an environmental plan encompassing the company’s future vision.

Other certifications NSK has earned include: EN 46001 (stricter guarantee of quality of medical apparatus in Europe); ISO 13485 (another international standard); MDD (93/42/EEC) (European accreditation); and ISO 9001 (the international standard of a guarantee of quality).

Recently, these advancements include an ultrasonic scaler and tooth polisher, bone-cutting instruments that employ ultrasonic technologies, a mass-produced all-titanium handpiece body, air turbines with a unified inner race and rotor shaft to achieve vibration-free and silent operation, and the S-Max pico, an ultra-miniature-head handpiece (current the world’s smallest) for better access and patient comfort.

It adds up to a strong reputation for reliability, responsiveness and high-value contributions to advancements in patient care across all dental sectors, including implant treatment, laboratory techniques, general dentistry and endodontic treatment.

Here at Hinman

Exhibitors

For more information, contact NSK Dental at (800) 585-4675, e-mail info@nskamericacorp.com, or stop by the NSK booth, No. 1557.

In Hoffman Estates, Ill., NSK’s U.S. headquarters, NSK uses more than 17,000 precision parts to build its high-speed rotary cutting instruments, which include handpieces and tips used by dental professionals for restorations, prosthetics, endodontics, oral hygiene, lab work and surgery.

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Here at Hinman

Exhibitors

For more information, contact NSK Dental at (800) 585-4675, e-mail info@nskamericacorp.com, or stop by the NSK booth, No. 1557.
Add a touch of sparkle to your mouth guard

Keystone Industries adds Glitter Guard to its Pro-form line

Keystone Industries announces the addition of Pro-form Glitter Guard to its line of athletic mouth guards. The Glitter Guard material adds a bit of sparkle to the Pro-form line, which delivers protection, affordability and style. The mouth guard line offers numerous colors and styles to match any athlete’s preferences, but now athletes can choose shimmering glitter material that matches their star performances on the field.

Pro-form mouth guards are used by professional and amateur athletes alike because they provide a high level of protection, retention, comfort and fit without hindering speech or breathing. The custom-fit mouth guard goes above and beyond typical boil-and-bite mouth guards, according to the company, which cites its superior fit and retention.

In addition, Keystone Industries states that Pro-form mouth guards are thin and comfortable while still maintaining shape and protection long after other mouth guards have worn out. These custom-made athletic mouth guards are proven to reduce the number of tooth breakage by properly distributing the stress of a hard impact to the entire length of the tooth. The durability is enabled thanks to a double layer of laminated sheet vinyl and a lingual plate imbedded behind the incisors. The mouth guard maintains its form because of the heat and pressure laminating process. The tensile strength is because of the two layers of laminate while the density is maintained during the pressure laminated process for controlled, uniformed shape.

Used at all levels of competition, Pro-form has proved itself a top performer on the field when athletes need it the most. Advantages of Pro-form include:

- Increased oxygen intake for maximum performance and endurance during competition
- Improved speech for clear communication on the field of competition
- Natural comfort with a secure fit
- Maximum impact dispersion and protection against tooth damage
- Custom fit for any size mouth
- Myriad color options to meet the needs of patients, including new glitter form.

You know how important photographs are to your practice, but you don’t know who to turn to for advice. PhotoMed understands your needs and can help you choose the right camera. We also include support and loan equipment program for the life of the camera so you have someone to turn to if you have questions.

PhotoMed dental cameras feature the best digital camera equipment available. The Canon G12, Rebel T3 and T3i are great choices.

Choosing a quality dental system for your practice doesn’t have to be difficult. Call the experts at PhotoMed and we’ll help you with all of your camera questions.

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By Michael C. DiTolla, DDS, FAGD

This article illustrates advancements by Glidewell Laboratories to improve the esthetic properties of BruxZir® Solid Zirconia restorations. As the lab’s research and development department refines its processes, improving the material’s translucency, the esthetics continue to improve.

First appointment
Our goal is to replace the PFM crowns on teeth #8 and #9 (Fig. 1) with BruxZir Solid Zirconia crowns (Glidewell Laboratories, Newport Beach, Calif.).

First, we take the shade before the teeth become dehydrated. I use the VITA Easyshade® Compact (Vident; Brea, Calif.), which displays the shade in both VITA Classical and VITA 3D-Master® shades. When used in combination with my KaVo ELECTROTorque handpiece (KaVo Dental, Charlotte, N.C.), it is simple to cut through the existing PFM. I torque the crown with a Christensen Crown Remover (Hu-Friedy, Chicago). After using a periodontal probe to sound to bone to ensure I have enough biologic width to safely remove some tissue (Fig. 2), I use my NV MicroLaser® (Discus Dental) to remove 1.5 mm of tissue.

With the margins exposed, I use an 856-025 bur (Axis Dental) and KaVo ELECTROTorque handpiece to drop the margins to the new gingival level. My assistant then relines BioTemps® Provisional material (DMG America; Englewood, N.J.), cutting the cord exposes the margin (Fig. 3). Now we can place an Ultrapak® cord #00 (Ultradent; South Jordan, Utah), cutting the cord intraorally on the lingual to avoid any overlap. To make the margin visually obvious, I place a second cord (Ultrapak cord #2E) before refining the preparation.

As I pack the top #2E cord on tooth #8, you can see how the top cord on tooth #9 exposes the margin (Fig. 3). Now we can begin finishing the preps using a fine grit SONICflex scaler. After trimming the gingival margin with the diode laser, I use a Warm Air Tooth Dryer (A-dec; Newberg, Ore.) after applying both coats of the G5, while my assistant places Z-PRIME™ Plus (Bisco, Schaumburg, Ill.) inside the crowns. We then load the crowns with a resin-modified glass ionomer cement (Relyc® Luting Plus Automix [3M/ESPE]) and seat them, using a pinewood stick (Almore International, Portland, Ore.) to ensure they are fully seated and the same length.

In this "after" picture (Fig. 4), the amazing thing is there isn’t any porcelain on these BruxZir crowns, they are solid zirconia. This is why they are stronger than other restorative materials, except cast gold.

Also, the facial anatomy on the crowns makes them look like real teeth. Because that anatomy is built into the CAD/CAM system, they are solid zirconia. This is why they are stronger than all other restorative materials, except cast gold.

For more information on BruxZir crowns or to see them for yourself, stop by the Glidewell Laboratories booth, No. 2322.

Second appointment
After two weeks, we remove the temps and clean the preps with a KaVo SONICflex scaler. After trimming the gingival margin with the diode laser, I place an Ultrapak® cord #400 (Ultradent, South Jordan, Utah), cutting the cord intraorally on the lingual to avoid any overlap. To make the margin visually obvious, I place a second cord (Ultrapak cord #2E) before refining the preparation.

As I pack the top #2E cord on tooth #8, you can see how the top cord on tooth #9 exposes the margin (Fig. 3). Now we can begin finishing the preps using a fine grit 856-025 bur.

Two moistened ROEKO Comprecap Anatomic compression caps (Koitine/Whaledent, Cuyahoga Falls, Ohio) are placed on the preps, and the patient is asked to bite with medium pressure for eight to 10 minutes. The Comprecaps are then removed and the top cords pulled.

We syringe medium body impression material around the preparations for the impression and then take a bite registration. The temporaries are then replaced.

Third appointment
After two weeks, the temps are off, the BruxZir crowns are approved, and we place a layer of desensitizer on the teeth G5™ All-Purpose Desensitizer (Clinician’s Choice, New Milford, Conn.).

I use a Warm Air Tooth Dryer (A-dec; Newberg, Ore.) after applying both coats of the G5, while my assistant places Z-PRIME™ Plus (Bisco, Schaumburg, Ill.) inside the crowns. We then load the crowns with a resin-modified glass ionomer cement (Relyc® Luting Plus Automix [3M/ESPE]) and seat them, using a pinewood stick (Almore International, Portland, Ore.) to ensure they are fully seated and the same length.

In this “after” picture (Fig. 4), the amazing thing is there isn’t any porcelain on these BruxZir crowns, they are solid zirconia. This is why they are stronger than all other restorative materials, except cast gold.

Also, the facial anatomy on the crowns makes them look like real teeth. Because that anatomy is built into the CAD/CAM database, Glidewell Laboratories can deliver it every time — provided the clinician gives the lab enough reduction.

While I’m not suggesting you suddenly switch all of your anterior restorations to BruxZir crowns, you may want to consider using it for patients with parafunctional habits or old PFMs, where an esthetic improvement is essentially guaranteed.

Use a layer of desensitizer on the teeth. For more information on BruxZir crowns or to see them for yourself, stop by the Glidewell Laboratories booth, No. 2322.
3Shape focuses on customer care

Labs are seeking long-lasting solutions, and this requires long-lasting commitments from CAD/CAM system providers. 3Shape recently proclaimed its commitment to support, learning channels, customer care and delivering future-proof solutions. 3Shape defines these as inseparable components of its products.

3Shape’s annual support and upgrade package

3Shape believes a dynamic system is a natural trait of any CAD/CAM solution and, therefore, includes extensive system upgrading and support as an integral part of its product package and customer promise. Every year, 3Shape releases a major system upgrade that represents the accumulation of extensive development projects. 3Shape customers automatically receive all these system upgrades and a wide range of new features at no extra cost as an integral part of their annual support and upgrade license.

Additionally, customers continually receive minor upgrades and improvements as soon as they are developed. Upgrades cover both design software and scanner software, so even seasoned scanners can be empowered with new features.

A system that grows stronger rather than growing older

In this way, the lab’s system is backed by continuous innovation to ensure that its services are always up-to-date with market demands and its business remains viable. A lab’s system stays alive and automatically grows stronger rather than growing old. Lab technicians can focus on what they do best rather than worrying about the current standard of their technology.

3Shape’s support network

3Shape recognizes the importance of maintaining a local support capacity to cope efficiently with factors such as customary opening hours, communicating in local language and, in tune with local business etiquette, enabling on-site support and more.

To attain these goals, 3Shape invests substantially to develop its extensive and optimally qualified first-line support network of experts through the company’s local distributors.

Backing up this first-line support network, 3Shape’s own support teams stand ready to assist distribution partners with any special hardware or software support issues. 3Shape’s support centers are placed strategically in the United States, Asia and several locations in Europe.

3Shape has recently expanded and revised its service centers worldwide and added to its local language support capabilities, which now include English, German, French, Spanish, Portuguese, Italian, Danish, Russian, Ukrainian and Chinese.

The 3Shape Academy

The 3Shape Academy provides both 3Shape end-users and partners/supporters worldwide with ongoing and hands-on know-how in the use of 3Shape’s systems, particularly covering the latest features that come with every new release.

Trainees get the chance to experience complete digital workflows with 3-D scanning, CAD design and final restoration manufacturing on milling machines. The 3Shape Academy provides both 3Shape end-users and partners/supporters worldwide with ongoing and hands-on know-how in the use of 3Shape’s systems, particularly covering the latest features that come with every new release.

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A revolution in oral care

SockIt! Gel helps to manage and heal oral wounds

By SockIt! Gel

Dentistry has seen dramatic developments in materials and techniques, especially in the last 20 years. Dentists provide care to patients as a matter of course that was unthinkable just a few years ago. However, dentistry finds itself still woefully lacking in one area—that of oral wound care.

Various procedures that result in injured tissues are performed every day. Patients may request a prescription for pain medication, sometimes coupled with instructions to use a rinse to help reduce oral microbial counts, and that is about all.

However, we still do not provide patients with the one thing that is considered the standard of care in treatment of almost any other exposed part of the body: a wound dressing. This is not surprising because current wound dressings are not practical in dentistry.

Wound dressings are hallmarks of proper wound care. Wound dressings perform functions that are requisites for optimal healing: they protect wounds from irritation (and pain) and help reduce microbial contamination. But because of the impracticality of standard oral wound dressings, dentists have been denied ideal care.

We prescribe narcotics, but these drugs come with their own set of issues. In addition to their toxicities and potential for abuse, they don’t always provide sufficient pain relief. In dentistry, pain relief doesn’t last until patients can safely take another dose. These concerns apply even to the counter drugs such as acetaminophen.

A plethora of bacterial, fungal, protozoal and viral species reside in the human mouth. Many of these are potential pathogens that can delay healing.

In an attempt to address this issue, many dentists resort to various anti-microbial rinses to help prevent infection. However, almost all of these are toxic to some extent and should not be swallowed. In addition, many of these products contain ingredients such as chlorhexidine, povidone-iodine, etc., that, while non-toxic to some extent and should not be swallowed.

Wouldn’t it be nice to be able to provide patients with a safe and effective means to achieve constant pain relief, to protect oral wounds from contamination and to promote optimal healing?

SockIt! Oral Hydrogel Wound Dressing is the answer to this pressing need. SockIt! is unique in composition. It is drug-free. But more than that, SockIt! is composed entirely of all-natural food ingredients.

The specific combination of ingredients is extremely effective in providing the desired benefits, is completely non-toxic and is safe when swallowed. SockIt! has no medical, pharmacological or age restrictions associated with its use.

SockIt! provides three important benefits to the patient.

- Fast pain relief without a numb sensation. The patient may apply SockIt! as often as needed for pain relief (true patient-controlled analgesia).
- Protection of wounds from contamination.
- Optimal wound healing.

SockIt! is easy to use. Apply SockIt! in the office. Dressing wounds as soon as possible to protect them from contamination is a major tenant in wound care.

Send the syringe with the remainder of the gel home with the patient. Patients should apply SockIt! to the affected area(s) at least four times each day until the syringe is empty. They may apply it more often if needed for pain relief. There are no restrictions to its use.

Dentistry provides a multitude of opportunities to care for oral wounds. According to the ADA, the following numbers of procedures are performed every year in the United States (and for which SockIt! is ideal):

- 46 million teeth extracted
- 569,000 gingivectomy or gingivoplasty procedures
- 85,000 osseous surgeries
- 500,000 bone-replacement grafts
- Hundreds of thousands of other periodontal procedures
- 2 million surgical implants placed
- 13 million scaling and root planing procedures
- 5 million complete dentures delivered, many of which are immediate dentures

That’s a lot of discomfort that should be managed, and healing that must occur. SockIt! safely and effectively addresses both needs. Patients report immediate pain relief with reduced (or no) need for prescription narcotics. Dental professionals report a significant reduction in postoperative complications and faster healing.

Join the revolution in oral care with SockIt! Oral Hydrogel Wound Dressing. Your patients will love you for it!

Use SockIt! with various procedures, including extractions, immediate dentures, laser procedures, implants, hygiene procedures, grafts and more. Photo/Provided by SockIt! Gel

Here at Hinman

For more information about SockIt! Gel or to see it for yourself, stop by booth #2052.

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To SockIt! Gel

References

Whitening kits for everyone

Teeth whitening has become one of the most requested cosmetic dental procedures in the United States, according to recent studies. The two main reasons that patients choose not to proceed with whitening are the cost and the fear of sensitivity or pain. Doctor Bright’s Teeth Whitening System removes both of those objections and provides dental offices with a way to immediately and easily increase their bottom line by $2,000 a month or more.

Doctor Bright’s Teeth Whitening System consists of three products, all designed to help you offer an affordable, effective and safe whitening solution to your patients. All of the gels are 22 percent carbamide peroxide (CP) and include DeQuest™, a trademarked and patented desensitizing agent.

In addition, all Doctor Bright’s products are 100 percent made in the United States in an FDA-inspected facility with FDA-registered ingredients.

In a recent clinical study performed by Essex Testing Clinic in New Jersey, 100 subjects used the Doctor Bright’s Teeth Whitening System, and zero participants noted any sensitivity or pain while using the products. In addition, the clinical study showed results up to eight shades lighter in as little as three uses of the At-Home LED Activated Whitening Kit.

The At-Home LED Activated Whitening Kit consists of 10 ml of the 22 percent CP gel with DeQuest, which is very light reactive. The kit also includes a duplex silicone application tray, an LED whitening activator, an application tray storage case and a shade guide. This is the kit that produced whitening of up to eight shades in as little as three 15-minute uses in the clinical study.

The At-Home Whitening Kit retails for $75.

In addition to the At-Home Whitening Kit, Doctor Bright’s also provides a 30-second “on the go” Teeth Whitening Pen with the same 22 percent CP gel with DeQuest. The pen is designed to be used anywhere and anytime. Each pen contains enough gel for 25 to 30 treatments and shows the same whitening effects as the at home kit when used during a longer time.

Patients can use the pen in the car, on a plane or at their desk. No brushing or rinsing is required, making it simple to use. The pen retails for $20.

The newest product in the Doctor Bright’s line is the In-Office Whitening Kit, designed to be used with your existing whitening system’s light, so there is no need to buy an expensive new light and find a place to store it in your office. The in-office kit includes the same 10 ml syringe of 22 percent CP with DeQuest desensitizer as well as five application trays and five disposable damp dishes. Each treatment consists of three 15-minute sessions with about two minutes in between for removing the used gel and replacing it with new gel. The average patient will use 1/2 ml per cycle, meaning you get five complete treatments from one kit. No isolation is required, saving your office time and money.

“I have used the other in-office whitening products on a number of patients during the past six years,” said Maggie Kehres, RDH, of Reading, Pa. “But I have honestly never seen a result as significant as we have with Doctor Bright’s.”

U.S. EPA to propose dental rule that will require amalgam separators

By Al Dubé, National Sales Manager, SolmeteX

The U.S. Environmental Protection Agency (EPA) was scheduled to release a proposed dental rule in October 2011. The proposed dental rule has been released from the draft committee and is now undergoing a cost analysis.

Once this analysis is complete, the document will head to the Office of Management and Budget for final approval before the proposed rule is released. This release is now anticipated to be early this year. This proposed rule would require all U.S. dental facilities, which place or lease from the draft committee and find a place to store it in your office. The in-office kit includes the same BMPs adding the recommended use of amalgam separators in 2007.

The EPA simply is going to make the BMPs’s requirement, including the installation of amalgam separators.

Once the EPA’s proposed dental rule is released, there will be an opportunity for public comment within a specified period of time. Anyone has the right to offer comments regarding the proposal in writing to the EPA.

As an example, if someone feels dental offices should install separators sooner than the designated time, they can recommend this to the EPA. EPA will review the public comments and anticipates the dental rule to go final this year.

Hints of what to expect are:
- installation of a 2008 ISO 1143 certified amalgam separator
- required maintenance and potentially annual regulatory inspections
- the do’s and don’ts of amalgam management
- An unspecified implementation period will be granted providing a required mandatory amalgam separator installation date.

Please stay tuned for updates and the posting of the EPA dental rule.

Here at Hinman

To learn more about the proposed EPA dental rule, stop by SolmeteX booth, No. 2029.

Here at Hinman

Be sure to stop by booth No. 1049 to visit with the Doctor Bright’s team and learn how you can increase your patient acceptance and your bottom line by adding the Doctor Bright’s Teeth Whitening System to your practice’s offerings. You can also reach the Doctor Bright’s team by calling (855)-DR-BRIGHT (372-7444) or going online to www.doctorbrights.com.
If asked, “What’s your key lesson learned after teaching and practicing implant and restorative dentistry these past 25 years?”, my answer is, “Find the sweet spot in course content delivery that gives dentists the confidence to go back to their offices and immediately implement what they learned.”

All the training in the world does dentists no good if they can’t go back to their practice and immediately apply what they’ve learned to improve patient care and grow their practice. The obstacles to effective application are usually:

- a lack of confidence in their ability to apply what they were taught, caused by too much confusion about what they learned,
- the inability to recall what they were taught because of how the information was delivered to them, or
- the information was more theoretical than clinical.

At Hands On Training Institute, we knew we hit the sweet spot when more than 85 percent of our course graduates were implementing implant dentistry into their practices almost as soon as they got their suitcases unpacked. Some faster than that. How did we build this kind of confidence and ability?

Simply put, Dr. Reena Gajjar and I continuously evolved our training from old-school techniques to embrace what we’ve distilled as five key observations based on teaching fundamentals:

1) Hands-on versus in-the-head. Dentists wanting to learn implant training are clinicians. Teach them from a clinician’s viewpoint using good, quality information that’s relevant to their everyday practice. Implement hands-on modules to build practical skills and confidence.

2) Content structure. Course content must be structured in a well-organized format that’s easy to understand. Making it easy is the hard part.

3) Content delivery. The way the information is delivered is critical to how the participant learns.

4) Take-home resources. Long-term content retention in a course is relatively low. Provide comprehensive materials that the dentist can take back to his/her practice as a valuable reference and a continued learning experience.

5) One instructor. Having one instructor, rather than multiple instructors, allows for consistency in instruction and philosophy and provides a solid foundation that dentists can later build on.

To clarify, courses, even if taught by multiple instructors, must carry the same concept and ideas throughout in order to be clearly understood. Like a child stacking blocks, each lesson must build upon the prior lesson for dentists to understand the message and see a clear path toward the goal. If a student receives a disjointed, disconnected sequence of lessons or modules, confusion results.

Using our key observations, we evolved past PowerPoint decks toward using high-quality graphics. We wanted to put the best graphics out there because people learn better with relevant images. We used advanced software and created custom animations, thus using a combination of methods to deliver the information in a more understandable way.

At a major meeting in Liverpool, England, I was invited to lecture about patient-education marketing. I introduced the premise that if a patient isn’t educated about a procedure and doesn’t know what’s going on, how can a dentist expect that patient to buy into a procedure? To showcase my point, I covered the video portion of my presentation so that only the narration could be heard. Later, I unmasked the video animation. The difference between the low-value learning (narration only) and the high-value learning (adding video) had tremendous impact on the audience.

Dentists sitting in a classroom subjected to light visual stimulation have the same low-value learning experience, which is why we keep stepping up our content delivery. And we noticed something.

What we noticed, after increasing multimedia content delivery to include a four-volume manual set with colored images and captions to give the complete flow of information for the course, was that almost all the students were scribbling less and paying attention more.

We received feedback that students could actually listen and not take notes. Taking notes had distracted them from the content, and now they were confident they could reference the manuals later if needed.

And so we observed and evolved once more to our newest innovation: MyDentalPad, which we’re introducing at this show (find it at booth No. 2027). MyDentalPad is a fully loaded digital tablet that enables dentists and their staff to easily carry 11 days of implant training material. It’s there when they need it.

Containing all the images, text and fully narrated animations and live video, this tablet is a paradigm shift from traditional delivery methods of educational content.

At the end of the day, it’s our passion to deliver high-quality, ethical training that hits the sweet spot — dentists returning home to grow their practice with confidence. We’re looking at MyDentalPad as the newest technology that will push the confidence level of implant dentists through the roof, or, even better, reach for what one of our California graduates referred to our program as: “One of the best ways to implant dentistry heaven.”

As a (slightly) younger dentist might say: “Sweet!”

By Ken Hebel, BSc, DDS, MS

Aspen Dental, visit the website www.AspenDental.com or stop by the booth, No. 2799.
Put a curve in those anterior restorations

The Blue View VariStrip contoured anterior matrix is being introduced here in Atlanta this year. Produced by Garrison Dental Solutions of Spring Lake, Mich., the VariStrip is pre-contoured and tapered end to end to allow the clinician to exactly match the height of any anterior tooth.

Said to be ideal for all anterior restorations, you can see VariStrip at booth No. 2116 on the exhibit hall floor.

“We walked across the parking lot to get this concept,” said Tom Garrison, managing partner and co-founder of Garrison Dental Solutions.

“My brother John’s practice is directly across the parking lot from our facility. He and I were talking about other anterior matrix options we have, and he came up with the VariStrip concept. It was a sketch on a sticky note that we turned into a great little device.”

The problem, as Dr. John Garrison described it, was that standard matrix tape is flat, and it needed to be curved to match tooth anatomy.

However, if you simply produced it in a curve, you wouldn’t account for the significant differences in occluso-gingival tooth height. If it could be tapered and curved, a clinician could slide it forward or back interproximally, until it was positioned for an ideal match.

Sounds simple enough.

While the VariStrip is the epitome of simple — a polyester strip with some curves built in — the machine to make them is anything but simple.

“We thought this would be a slam-dunk to produce,” said Tom Garrison. “Wrong!”

He explained: “The prototypes weren’t too hard. We hand-stretched the film over a curved metal form, heated it with a hair dryer and then cut it out with scissors. Trying to scale that up to a commercially viable production machine was tough! But our engineers were tenacious, and in the end, they got it.”

You can see the new Blue View VariStrip and all Garrison’s matrix products here at Hinman at booth No. 2116.

Garrison was founded in 1997 by Drs. Edgar and John Garrison, Tom Garrison and Rob Anderson and remains an independent privately owned company.

‘My brother came up with the VariStrip concept. It was a sketch on a sticky note that we turned into a great little device.’

— Tom Garrison
PHOTOMED G12 DIGITAL CAMERA

The PhotoMed G12 Digital Dental Camera is specifically designed to allow you to take all of the standard clinical views with “frame and focus” simplicity.

The built-in color monitor allows you to precisely frame your subject. Then focus and shoot. It’s that easy.

Proper exposure and balanced even lighting are assured. By using the camera’s built-in flash, the amount of light necessary for a proper exposure is guaranteed, and PhotoMed’s custom close-up lighting attachment redirects the light from the camera’s flash to create a balanced, even lighting across the field.

For more information, visit www.photomed.net, call (800) 998-7765 or stop by the PhotoMed booth, No. 1222, here during the Hinman Dental Meeting.

INTEGRITY MULTI-CURE TEMPORARY CROWN AND BRIDGE MATERIAL

New Integrity™ Multi-Cure Temporary Crown and Bridge Material is a dual-cure 10:1 bis-acrylic material with improved flexural strength. Integrity Multi-Cure can be used as a self-cure material but also provides the option to eliminate wait time by light curing each unit for 20 seconds. Integrity Multi-Cure has the fastest cure-time range among leading competitive products.

Integrity Multi-Cure is available in a 76-gram cartridge delivery system with five refill shades — A1, A2, A3.5, B1 and BW — and in an introductory kit including Integrity Multi-Cure material, Integrity TempGrip cement and cartridge dispenser.

For more information, visit www.integritymulticure.com, call (800) 532-2855 or visit the DENTSPLY Caulk booth, No. 1127, here during the Hinman Dental Meeting.

YANKEE DENTAL CONGRESS 2013

SAVE THE DATE

Yankee Dental Congress 2013 will bring together thousands of brilliant minds to learn about the most innovative approaches, practices, and resources in dentistry.

Here is a sneak peak at a few education highlights:

Gordon Christensen, DDS
RESTORATIVE

Laney Kay, JD
INFECTION CONTROL

Roger Levin, DDS
PRACTICE MANAGEMENT

Kenneth Hargreaves, DDS
ENDODONTICS

Loretta LaRoche
PERSONAL DEVELOPMENT

Cheryl Hunt, DDS and
Jacinthe Paquette, DDS
RESTORATIVE/ESTHETICS

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Connect with us
There’s still time to make history at the American Academy of Cosmetic Dentistry’s (AACD) 28th Annual Scientific Session in Washington, D.C., taking place May 2-5.

While there are still plenty of spots left for dental professionals in D.C., registration for this year’s event will close April 15 at 5 p.m. (CDT). After April 15, attendees will have to register onsite.

The AACD will kick off the session with “A Night at the Museum,” a welcome reception for all attendees, at the Smithsonian Museum of Natural History on May 2. AACD members will see history come to life as they mingle with colleagues and peruse the museum’s exhibits, all of which will open for members that evening. The reception will take place from 7:30 p.m. to 10:30 p.m., giving members plenty of time to explore exhibits featuring dinosaurs, Ancient Egypt and the Hope Diamond while enjoying complimentary beer and wine.

Other history-making events at the conference include a special opening “PowerSession” featuring Drs. David Garber, Christian Coachman and Eric Van Dooren. The session will take place on May 2 from 2:30 p.m. to 5:30 p.m. and will focus on smile design approaches. The AACD will award C.E. credit to any dental professional who attends.

The annual scientific session offers hands-on workshops, lectures, social events and the opportunity to see the latest dental innovations in the exhibit hall. The session is geared toward all members of the dental team: dentists, laboratory technicians, hygienists and other cosmetic dental professionals.

The AACD will honor the accreditation class of 2012 during the Celebration of Excellence Gala on May 5. This year, the AACD is welcoming 12 individuals to the ranks of accredited members and two to accredited fellow status.

“The D.C. conference will elevate your passion for what’s most important: the smile,” said Dr. John K. Sullivan, AACD president. “We can give you the tools you need to take your dental skills to the next level. We educate, we inspire, and we connect you with the best. Join us in D.C. — and help us make history.”

About the AACD

The AACD is the world’s largest non-profit member organization dedicated to advancing excellence in comprehensive oral care that combines art and science to optimally improve dental health, esthetics and function. Comprising more than 6,300 cosmetic dental professionals in 70 countries worldwide, the AACD fulfills its mission by offering educational opportunities, promoting and supporting an accreditation credential, serving as a forum for the exchange of knowledge and ideas and providing accurate information to the public and the profession.

(Source: AACD)

To register

For more information about this year’s event, go online to www.aacdconference.com.

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(Source: AACD)
“More brawn than beauty”

BruxZir® Solid Zirconia

$99/unit*

BruxZir Solid Zirconia crowns were placed on tooth #8 and #9. As you can see in the non-retracted “before” photo, the patient had two pre-existing high-value PFM restorations over what appeared to be base metal coping. The condition of the gingiva in the “before” photo suggested a possible base metal allergy, which contributed to the decision to go with BruxZir all-ceramic (monolithic zirconia) crowns.

This patient had a number of existing PFM restorations in the anterior, but teeth #8 and #9 had a previous root canal and a lingual fracture next to the access openings. It was decided that the best option was a full-coverage anterior BruxZir crown.

As you can see in the after photos, the BruxZir bridge has acceptable esthetics, although it won’t be mistaken for IPS Empress® anytime soon! Because BruxZir Solid Zirconia is virtually unbreakable and because the patient had already broken two PFM bridges in the past, this was the most appealing solution.

- Ideal for bruxers who have destroyed natural teeth or previous dental restorations
- An esthetic alternative to metal occlusal PFM and cast gold
- Minimal preparation requirement of 0.5 mm with feather edge margins, much like cast gold

*Price does not include shipping.

Call for case pickup
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For more info, visit www.bruxzir.com.

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