It’s only Thursday, and it’s already full-speed ahead for CDA Presents The Art and Science of Dentistry. During the next three days, more than 14,000 dentists, dental professionals and students from across the United States will walk through the doors of the Moscone South Convention Center to take part in numerous C.E. credit opportunities and social events.

The convention will feature top industry speakers, more than 110 lectures and workshops and an exhibit hall with 375 companies.

Education highlights
To help dentists get a stronger grasp of the profession’s latest technology — and how to best utilize it — the conference...
includes a three-day technology series of lectures and workshops.

The Greatest Dental Technology Show will explore digital disease detection, digital impressions, CAD/CAM, new cone-beam 3-D imaging and more.

Today, Martin Jablom, DMD, FAGD, and fellow presenters Paul H. Feuerstein, DMD, and John C. Flucke, DDS, will get attendees involved by allowing them to spin a wheel that lists lecture topics (such as lasers, digital impressions, etc.). Individuals will be selected to spin the wheel, and the lecture topic will be determined randomly. The participant will then get to play another game of chance to win a prize that will be donated by a dental company.

Other education highlights include:

- "Achieving Clinical Excellence With Esthetic Posterior Restorations," 8:30 a.m.–3 p.m. Friday: Those who participate in this workshop, moderated by Jeff J. Brucia, DDS, will gain an understanding of the differences between the many adhesive systems available today, the clinical steps recommended for predictable results with direct and indirect posterior bonded restorations and the ways to overcome challenges when working in a less-than-ideal clinical environment.
- "The Art of Endodontics: Everything Has Changed but the Anatomy," 9:30 a.m.–noon and 1:30–4 p.m. Saturday: L. Stephen Buchanan, DDS, FICD, FADC, presents this lecture with the goal of teaching attendees the influence of endodontic anatomy on pulp degeneration and how the complexities of root canal systems dictate treatment to their full apical and lateral extents.
- "Restoration of the Worn Dentition," 1–3:30 p.m. Saturday: In this lecture taught by Terrence E. Donovan, DDS, attendees will leave with the ability to diagnose early signs of dental erosion and implement strategies to prevent it from continuing.

**Mobile app available**
A mobile app for CDA Presents is available from the App Store for iPhones or the Google Play Store for Android users. The app offers attendees easy access to show schedules and speaker information, exhibitor and product listings, real-time alerts such as course availability, event photos and information on local hotels. App users can search courses by day, topic or speaker, download handouts and find exhibitors by name or product category and locate them on the exhibit hall map.

For more details and to download the app, visit www.cda.org/mobile.

(Source: California Dental Association)
Powerful prescriptions for
snoring and sleep apnea

Silent Nite® Slide-Link

$99*

- Our No. 1 prescribed snoring and sleep apnea appliance
- Connectors are interchangeable by the patient
- Free six-month replacement warranty

<table>
<thead>
<tr>
<th>aveoTSD®</th>
<th>$139*</th>
<th>EMA®</th>
<th>$189*</th>
<th>TAP® 3 Elite</th>
<th>$359*</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="aveoTSD" /></td>
<td><img src="image" alt="EMA" /></td>
<td><img src="image" alt="TAP" /></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A brilliantly simple, low-cost treatment for snoring</td>
<td>Appliance for snoring or OSA</td>
<td>Appliance for snoring or OSA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gently suctions to the tongue, preventing it from falling back and blocking the airway</td>
<td>Elastic straps are interchangeable by the patient</td>
<td>Greater range of adjustment than previous TAP devices</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Requires no impressions or adjustments</td>
<td>Elastic strap strength is matched to the patient’s musculature</td>
<td>More lateral movement for improved patient comfort and compliance</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Orders will not be fulfilled without a valid dental license. *Price does not include $14 round-trip overnight shipping or applicable taxes.

aveoTSD is a registered trademark of Innovative Health Technologies (NZ) Limited.
EMA is a registered trademark of Frantz Design Inc. TAP is a registered trademark of Airway Management Inc.

For more information
888-786-2177
www.glidewelldental.com
The power of a healthy smile

Henry Schein, Al-Quds University and Hebrew University-Hadassah Schools of Dental Medicine celebrate unveiling of the Tree Of Peace and dedication of the Dr. Musa Bajali Henry Schein Cares Education Center

Stanley M. Bergman, chairman of the board and CEO of Henry Schein Inc., the world’s largest provider of health-care products and services to office-based dental, animal health and medical practitioners, recently joined with leaders from Al-Quds University and Hebrew University-Hadassah Schools of Dental Medicine and other dental leaders from around the world to unveil a Tree of Peace statue at Al-Quds University School of Dentistry, celebrate the dedication of the Dr. Musa Bajali Henry Schein Cares Education Center and mark the 60th anniversary of Hebrew University-Hadassah School of Dental Medicine.

Tree of Peace
The Tree of Peace, which is a sculpture by noted artist Hedva Ser, marks the close collaboration of the dental schools of Al-Quds University and Hebrew University and the desire to use the oral health profession as a vehicle for building relationships and understanding throughout the region and the world.

“Today we affirm our commitment to rise above any political or cultural differences to create a new level of partnership and international collaboration through our shared dedication to improving oral health around the world,” said Bergman during the unveiling ceremony for the Tree of Peace.

“Bridging the chasms that separate people may seem impossible, but it is not. One day, we will look back together and see that the ‘impossible’ has been done.”

Dr. Musa Bajali Henry Schein Cares Education Center
Henry Schein is proud to partner with Dr. Musa Bajali, dean of Al-Quds University School of Dental Medicine, in the creation of the Dr. Musa Bajali Henry Schein Cares Education Center.

“It is truly an honor to celebrate the dedication of the Dr. Musa Bajali Henry Schein Cares Education Center," said Bajali. “Our new Center will provide health professionals from across the region with the opportunity to present state-of-the-art educational research and clinical programs to their colleagues in a beautiful environment that promotes dialogue and learning.”

The Dr. Musa Bajali Henry Schein Cares Education Center at Al-Quds University is part of the Bridge to Peace program, which began in 1997 with the founding of the D. Walter Cohen Middle East Center for Dental Education at Hebrew University-Hadassah School of Dental Medicine.

About Henry Schein Cares
Henry Schein Cares, Henry Schein’s global corporate social responsibility program, stands on four pillars: engaging Team Schein Members to reach their potential, ensuring accountability by extending ethical business practices to all levels within Henry Schein, promoting environmental sustainability and expanding access to health care for underserved and at-risk communities around the world.

Firmly rooted in a deep commitment to social responsibility and the concept of enlightened self-interest championed by Benjamin Franklin, the philosophy behind Henry Schein Cares is a vision of “doing well by doing good.” Through the work of Henry Schein Cares to enhance access to care for those in need, the company believes it is furthering its long-term success.
RETRACTION MADE EASIER!
With new Access® FLO

Quick. Easy. Flowable.

AccessFLO is a flowable clay-based gingival retraction paste that gently retracts tissue while controlling bleeding and fluids. Use AccessFLO prior to all crown & bridge impression procedures. Packaged in single-use Centrix syringe tips, AccessFLO saves time and eliminates cross-contamination. Simply insert a tip into your Centrix syringe and inject into and around the sulcus. Minimally invasive and tissue friendly, AccessFLO allows for quick and easy tissue displacement without the need for packing cord.

VISIT US AT THE CDA BOOTH #1609
AND RECEIVE A FREE MARK II™ SNAP-FIT™ SYRINGE WITH ANY ACCESSFLO PURCHASE.
Aribex launches NOMAD Pro 2

Portable X-ray system is lightweight, rechargeable — and can go anywhere

By Aribex staff

For almost a decade, Aribex has been quietly ripping the X-ray system off the wall and putting it into the hands of the dental team with its handheld and completely mobile X-ray system, called the NOMAD.

According to the company, one NOMAD does the work of multiple wall-mounted X-ray systems, which can save the typical dental practice thousands of dollars in equipment costs. Moreover, because the NOMAD enables dental team members to safely and effectively stay with their patients during X-ray procedures, a bitewing series can be completed in half the time required by a wall-mounted system.

Unlike conventional wall-mount and portable X-ray systems, the NOMAD is lightweight, rechargeable (battery-powered) and can go anywhere. Dental professionals around the world have been choosing the NOMAD as their preferred X-ray device, in and out of the office, with almost 13,000 NOMADs now in use.

Building upon the successes of previous innovation and design, Aribex is excited to introduce the NOMAD Pro 2, providing the same mobile convenience and cost savings as previous models while increasing durability and performance.

"The Pro 2 is exactly what our customers want," said Ken Kaufman, general manager of Aribex. "We asked our customers how we could improve our marquee product. We listened, designed prototypes, asked for feedback and iterated until we met their requests. The end result of all of that hard work is the Pro 2. It’s simply the world’s best handheld X-ray system yet."

The newly designed battery handset with infrared connectors, together with a new charging cradle, improves the system’s durability and boosts battery performance. "One consistent comment we heard from our customers focused on the charging station," said Kaufman. "Our engineers spent hours working with customers, researching new solutions. Our final design is a big improvement, and our customers will agree."

Durability is further enhanced by a re-engineered user interface that is more scratch- and moisture-resistant. "The operatory environment can be hard on equipment, particularly with our products that are easily carried from operatory to operatory," said Kaufman. "The NOMAD Pro 2 will stand up to repetitive antiseptic and cross-contamination control."

To learn more, contact your equipment dealer, an Aribex sales rep or visit the company’s website at www.aribex.com. "We’re excited to show our customers our new innovations and enhancements," said Kaufman. "We invite our customers to visit our exhibit at booth No. 2201 for a special demonstration of our new NOMAD Pro 2."
Shattering the status quo

The world’s FIRST wireless loupe + headlight in one

Come to BOOTH #1802 to be among the first to see the Brand New XV1 from Orascoptic.
Exhibitors


Photo essay: BruxZir Solid Zirconia meets an anterior esthetic challenge

By Michael C. DiTolla, DDS, FAGD

This article illustrates recent 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

We will replace the PFM crowns on teeth #8 and #9 (Fig. 1) with BruxZir Solid Zirconia crowns (Glidewell Laboratories).

First, we take the shade. I use the VITA Easyshade® Compact (VITA Zahnfabrik), which displays the shade in both VITA Classical and VITA 3D-Master® shades. Next, I hold the selected 2M1 3D-Master shade tab to the tooth, with the 1M1 3D-Master shade tab for contrast. We photograph the shade tabs in the mouth. I use an Ultradent syringe to place PFG gel (Steven’s Pharmacy) into the sulcus of teeth #8 and #9.

Next, I use my STA Single Tooth Anesthesia System® device (Milestone syringe medium body impression material around the preparations for the impression and 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]). I use a Warm Air Tooth Dryer (A-dec) after applying both coats of the G5, while my assistant places Z-PRIME™ Plus (Bisco) inside the crowns. We then load the crowns with a resin-modified glass ionomer cement (RelyX™ Luting Plus Automix [3M/ESPE]) and seat them, using a pinewood stick (Almore International) to ensure they are fully seated and the same length.

In this “after” picture (Fig. 4), there isn’t any porcelain on these BruxZir crowns. I’m not suggesting you suddenly switch all of your anterior restorations to BruxZir crowns, but you may want to consider using it for patients with parafunctional habits or old PFMs, where an esthetic improvement is essentially guaranteed.

Scientific) to anesthetize teeth #8 and #9. The Razor® Carbide bur (Axis Dental) easily cuts through porcelain and metal substructures, and when used in combination with my KaVo ELECTrotoque handpiece (KaVo Dental), it easily cuts through the existing PFM. I torque the crown with a Christensen Crown Remover (Hu-Friedy).

After using a periodontal probe 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 ELECTrotoque handpiece to drop the margins to the new gingival level.

My assistant relines BioTemps® Provisionals (Glidewell Laboratories) on teeth #8 and #9 with Luxatemp provisional material (DMG). Using a thin, perforated diamond disc (Axis Dental), we open the gingival embrasures to avoid blunting the interproximal papilla and make sure the gingival margins aren’t overextended and the emergence profile is flat. We use TempBond® Clear™ (Kerr Corp.) to cement the BioTemps and loupes to inspect around the temps and gingival embrasures for excess cement.

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 #00 (Ultradent), cutting the cord intraorally on the lingual to avoid any overlap. I place a second cord (Ultrapak cord #2E) before refining the preparation. As I pack the top #2E cord on tooth #8, 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 (Coltène/Whaledent) are placed on the preps, and the patient bites with medium pressure for eight to 10 minutes. The Comprecaps are removed and the top cords pulled. We syringe medium body impression material around the preparations for the impression and take a bite registration. The temporaries are then replaced.

Here in San Francisco

For more information on BruxZir crowns or to see them for yourself, stop by the Glidewell Laboratories booth, No. 1328.

Fig. 1 Photos/Provided by Glidewell Laboratories

Fig. 2

Fig. 3

Fig. 4
Dental Tribune Study Club
LIVE SYMPOSIUM

Dental Tribune would like to invite you to participate at the ADA Annual Session in New Orleans

Oct 31 - Nov 2, 2013 at the ADA Exhibit Floor

Come visit Dental Tribune at the ADA Annual Session, Booth #3457

Learn for FREE from the experts with:
Educational Lectures & Product Demonstrations

FREE for Dental Tribune members
Register on www.DTStudyClub.com/ADASymposia
*There's no fee to become a member

Sponsorship opportunities available
Contact us to find out more information
E-mail: c.ferret@dtstudyclub.com
Improving gingival retraction

AccessFLO by Centrix is a kaolin clay-based gingival retraction paste in a single-use, unit-dose syringe delivery tip

Gingival retraction and tissue management
Performing gingival retraction and tissue management is a critical step in crown and bridge procedures. The most common technique is the use of packing (retraction) cord; however, several alternative cordless retraction materials and additional techniques have evolved.

In some cases, combination techniques are used involving both retraction cord and cordless materials. Using a retraction cord can be an unpleasant and time-consuming procedure for you, your staff and your patients. The use of cordless materials and techniques as part of crown and bridge procedures is a growing trend being adopted by more dental professionals.

A new addition
Centrix, a dental products manufacturer, continues its mission to “make dentistry easier.” Centrix is a key leader in the cordless gingival retraction arena with products that are minimally invasive and tissue-friendly, according to the company. Starting several years ago, with its launch of the first silicone VPS cordless gingival retraction product, called GingiTrac™, Centrix captured a piece of the retraction market. In 2012, Centrix then launched a kaolin clay-based gingival retraction paste called Access® Edge, which is sold in a single-use, unit-dose Centrix syringe delivery tip.

Now, in 2013, Centrix announces the newest addition to its cordless gingival retraction family: Access®FLO, a more flowable kaolin clay-based gingival retraction paste in a single-use, unit-dose Centrix syringe delivery tip.

An ideal gingival retraction solution?
AccessFLO is a flowable clay-based gingival retraction paste for use prior to all crown and bridge impression procedures. Minimally invasive and tissue-friendly, AccessFLO allows for quick and easy tissue displacement without the need for packing cord. Alternately, AccessFLO can be used in conjunction with packing cord, acting as a second cord.

Available in single-use, unit-dose Centrix syringe tips, AccessFLO can save time while eliminating cross-contamination, according to the company. The built-in combined dual action of 15 percent aluminum chloride hemostatic agent and kaolin clay help to control bleeding and seepage of sulcular fluids. When it comes to cleanup, AccessFLO is easily rinsed out and removed with water spray and a vacuum after a minimum of only two minutes.

With AccessFLO, you can also achieve improved gingival retraction for more clearly defined margins by incorporating Centrix GingiCaps™, which utilize patient bite-down pressure to push AccessFLO into the sulcus.

In addition, AccessFLO comes in a con-
Everything you need for a sinus lift procedure

Kit includes all needed instrumentation

OCO Biomedical, a creator and distribute of dental implant technology for more than 30 years, introduces the DD Sinus Lift™ Kit.

The DD Sinus Lift Kit contains all of the instrumentation needed to perform a sinus lift procedure using the crestal approach. The DD Sinus Lift technique is unique in that it allows for permeation of the blood supply from the osteotomy into the sinus cavity for enhanced healing and formation of new bone.

All components are labeled for easy removal and return to the tray after autoclaving for sterilization. There is also an extra compartment underneath the caddy that provides room for additional instruments, if necessary.

Here in San Francisco
To obtain additional information on the DD Sinus Lift Kit, call (800) 228-0477 or stop by the OCO Biomedical booth, No. 1338.

The DD Sinus Lift made its debut at a two-day advanced surgical course held at the OCO Biomedical training facility in Albuquerque, N.M.
Course participants were able to observe a crestal approach sinus lift procedure during a live surgery performed by a local dentist.
They were also able to perform the procedure on models that were specially designed for the crestal approach sinus augmentation.
Shofu Dental is holding product demonstrations at booth No. 1726, featuring its new injectable hybrid restorative, BEAUTIFIL Flow Plus. Now available in four new shades — B1, B2, C2 and D2 in two viscosities — BEAUTIFIL Flow Plus gives dentists even more esthetic treatment options at their fingertips.

BEAUTIFIL Flow Plus combines hybrid-like strength and functionality, unique handling and stackability and a flowable delivery. Additionally, it has 15 percent more radiopacity than enamel and offers the benefit of fluoride release and rechargability.

Those interested in seeing the material firsthand are encouraged to come check it out at the Shofu booth. According to Shofu, BEAUTIFIL Flow Plus represents the next step in the evolution of restorative materials, based on its convenient flowable delivery system and its physical properties and functionality that rival leading hybrid composites.

Brian Melonakos, president of Shofu Dental, said he has been very pleased with the success of the product. “We’ve always known that we have an amazing product on our hands … but none of us imagined how quickly it would catch on,” he said.

Unlike other flowables, BEAUTIFIL Flow Plus has stay-put handling and physical properties that allow use on the occlusal surface and marginal ridge, eliminating the need to pack a hybrid composite on top.

A flowable base, liner and final restorative material, BEAUTIFIL Flow Plus is approved for all indications (Class I–V). With a smooth, self-leveling consistency, the material leaves a tight marginal seal on the bottom and a smooth, ready-to-polish surface on top.

Moreover, Shofu’s proprietary S-PRG (surface pre-reacted glass) technology provides sustained fluoride release and recharge that can’t be found in any other composite material.

BEAUTIFIL Flow Plus is available in two distinct viscosities. F00 (zero flow) offers precision stacking, and F03 (low flow) is an ideal base/liner.

For a limited time only, BEAUTIFIL Flow Plus is available in two introductory kits. The standard kit (PN 2000S) offers two 2.2-gram syringes of both viscosities in shades A2 and A3, and the pedo kit (PN 2000P) offers two 2.2-gram syringes in both viscosities in shades A1 and bleach white.

Both kits also contain samples of Shofu’s top-selling products, including the seventh-generation bonding agent BeautiBond, One Gloss, Super Snap and Shofu’s hybrid material, BEAUTIFIL II.

Dental, said he has been very pleased with the success of the product. “We’ve always known that we have an amazing product on our hands … but none of us imagined how quickly it would catch on,” he said.

Unlike other flowables, BEAUTIFIL Flow Plus has stay-put handling and physical properties that allow use on the occlusal surface and marginal ridge, eliminating the need to pack a hybrid composite on top.

A flowable base, liner and final restorative material, BEAUTIFIL Flow Plus is approved for all indications (Class I–V). With a smooth, self-leveling consistency, the material leaves a tight marginal seal on the bottom and a smooth, ready-to-polish surface on top.

Moreover, Shofu’s proprietary S-PRG (surface pre-reacted glass) technology provides sustained fluoride release and recharge that can’t be found in any other composite material.

BEAUTIFIL Flow Plus is available in two distinct viscosities. F00 (zero flow) offers precision stacking, and F03 (low flow) is an ideal base/liner.

For a limited time only, BEAUTIFIL Flow Plus is available in two introductory kits. The standard kit (PN 2000S) offers two 2.2-gram syringes of both viscosities in shades A2 and A3, and the pedo kit (PN 2000P) offers two 2.2-gram syringes in both viscosities in shades A1 and bleach white.

Both kits also contain samples of Shofu’s top-selling products, including the seventh-generation bonding agent BeautiBond, One Gloss, Super Snap and Shofu’s hybrid material, BEAUTIFIL II.

The kit retails for $102.25 (a $160 value). Stop by the Shofu booth, No. 1726, to see BEAUTIFIL Flow Plus for yourself.
Replicating BioTemps® anatomy for final restorations enhances patient satisfaction

BioTemps® can be digitally scanned and then replicated for the final ceramic restoration.

Choose from BruxZir® Solid Zirconia, IPS e.max® lithium disilicate, Prismatik Clinical Zirconia™ or PFM restorations.

Simply request this “Scan and Save” service on your next BioTemps prescription at no extra cost.

*Price does not include #14 round-trip overnight shipping or applicable taxes.

#IPS e.max is a registered trademark of Ivoclar Vivadent.

For more information

888-786-2177
www.glidewelldental.com
**Nikon D7100 Digital Camera**

The PhotoMed/Nikon D7100 Digital Dental Camera is specifically designed to allow you to take all of the standard clinical views with “frame-and-focus” simplicity.

All of the necessary camera settings are pre-programmed in two user modes on the camera dial. One setting is for portraits, and the other is for close-up photos. Once you’ve selected the mode, just focus and shoot. Proper exposure and balanced even lighting are assured, according to the company. PhotoMed offers the D7100 with three lens choices and four macro flash options, including a wireless macro flash that gets rid of power packs and cords.

For more information, visit www.photomed.net, call (800) 998-7765 or stop by the PhotoMed booth, No. 722, here at CDA Presents.

---

**Orascoptic XV1**

The Orascoptic XV1 is a wireless loupe and headlight in one. This new innovation combines Orascoptic’s award-winning loupes with its award-winning headlight and features a lightweight and completely cable-less design.

By removing the heavy and bulky belt packs of past headlights, XV1 was ergonomically designed for comfort, function and style.

For more information or to see the XV1, stop by the Orascoptic booth, No. 1802, here at CDA Presents.
Together, we are helping health happen.

Since 1932, Henry Schein has been committed to giving back to the professions and communities we serve. Henry Schein Cares expands access to care for underserved and at-risk populations around the world by supporting three key areas of focus:

- Enhancing wellness, prevention, and treatment programs;
- Assisting in emergency preparedness and humanitarian disaster relief; and
- Building capacity in the training of professionals and the delivery of health care services.

www.henryschein.com/hscares
NEW SHADES!

Beautiful Flow Plus®
Finally, an Injectable Hybrid Restorative for All Indications

FO0 Zero Flow
Stackable

FO3 Low Flow
Self-leveling

Beautiful II
A Nano-Hybrid Composite with Fluoride Release & Recharge

BeautiSealant
Fluoride Releasing Pit & Fissure Sealant System

BeautiBond
One Adhesion, Two Powerful Monomers

BeautiCem
Fluoride Releasing Self-Adhesive Resin Cement

Visit www.shofu.com or call 800.827.4638

Key Features of Giomer Materials
S-PRG filler material clinically:
- Recharges fluoride when treated with fluoridated products
- Decreases acid production of cariogenic bacteria
- Neutralizes acid on contact
- Slows demineralization, while promoting remineralization of enamel
- Demonstrates an anti-plaque effect

*Enter to WIN a GoPro HERO3 White Edition Camera, a wearable and gear mountable, waterproof camera to capture both video and photos with built in Wi-Fi. 16GB SanDisk Ultra Micro SDHC Memory Card and Helmet Front Mount included. Retail Value $239! You do not need to present to win.