Organizers of the 2016 Greater New York Dental Meeting recognize the unique challenges of the entrepreneurial side of dentistry with a range of business-oriented sessions, including one featuring a celebrity speaker. Randi Zuckerberg is an entrepreneur, investor, bestselling author and media personality. As an early employee at Facebook, she led major marketing initiatives in the company’s formative years and has gone on to launch Zuckerberg Media, with the mission of creating media content that puts intelligent, tech-savvy, entrepreneurial women and girls at the forefront of media and technology.

She is featured at the “Celebrity Luncheon” (tuition: $85) at noon on Monday, Nov. 28, during the six-day meeting, which this year runs from Nov. 25–30. Any dental professional should be able to creatively apply many of Zuckerberg’s insights, but her session might be especially beneficial to those newest to the profession. For that reason, its Monday scheduling appears effectively placed the day after “Owning your own practice: The key to your financial future.” The Sunday morning session is part of the GNYDM New Dentists’ Program, a series of courses scattered throughout the meeting.

Whether you’re ready to purchase your first practice, work for someone or enroll in a postgraduate residency program, this course — and the overall series (newly expanded this year) — promise to help you meet professional goals.

- See NEW YORK, page A3

**ENDO TRIBUNE**
*DEPICTING VARIATIONS IN TOOTH ANATOMY*
Dr. Craig Barrington talks about how he captures his high-def root canal images.
* page B1

**HYGIENE TRIBUNE**
*PAW’S ‘TATOOTH’ AND THE DENTAL LAB TECH*
Hygiene Tribune editor in chief tracks her first crown back to the lab.
* page C1

**IMPLANT TRIBUNE**
*AAD IN NEW ORLEANS: BUSINESS & BEIGNETS*
American Academy of Implant Dentistry meets for learning and more.
* page D1

**EVENTS**
- Yankee Dental Congress sessions address opioid addiction risk
- New look, direction to Lab Expo at Pacific Dental Conference

**INDUSTRY NEWS**
- Bisco: Benefits of bonding combine with simplicity of traditional cementing
- Handler: Handpiece ends need to change brushes
- Flow Dental: New intraoral camera sleeves offer custom fit at economical price
- Glidewell Laboratories magazine has Q&As with leaders in implantology
- Kettenbach offers six times the choice
- Sulzer Mixpac: Mixing, dosing with consistency
- Upper, lower dentures on Rhein83 components
- Keystone Industries: Clearer choice for partial dentures
- Ionolux: Immediately packable resin modified glass ionomer restorative
- Malaysian Rubber Export Promotion Council: Barier protection critical with dental gloves

Enjoy a four-day exhibition hall with more than 700 exhibitors, top presenters from across the world and the sights and sounds of one of the world’s most fascinating cities — all at the 2016 Greater New York Dental Meeting. Above, looking down West 15th Street from the High Line. Photo/DTI

**GNYDM, biggest dental meeting in U.S., includes four-day exhibit hall**

GNYDM, Nov. 25–30
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YDC sessions address opioid addiction risk

Nearly 28,000 dental professionals and guests from across the U.S. are expected at what organizers describe as the New England’s largest dental meeting: Yankee Dental Congress 2017, which will be held Jan. 25–29, at the Boston Convention and Exhibition Center.

Among the 300 courses are programs tying opioids and New England’s opioid crisis. The Sleep Apnea Pavilion will showcase new technologies from laboratory providers and educate attendees on oral appliance therapy and laser procedures — as well as pediatric dental sleep medicine.

The Y-D Print: Pavilion will demonstrate high-resolution desktop Y-D printing and how it provides affordable access to advanced digital workflows for labs and dental practices.

The exhibit hall will host more than 450 exhibitors along with several education pavilions.

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The PDC Lab Expo, with a new look and direction, will be Saturday, March 11, bringing together dental technicians, denturists, dentists and staffs. Expo attendees will be able to visit the exhibits area between 8:30 a.m. and 3 p.m. and during breaks. A new “Showcase Stage” in the PDC Lab Expo will feature 30-minute demonstrations.

In British Columbia, the tradition of gathering to share information on dentistry special presentations this year include “A Conversation with Dr. Lisa Genova,” author of the best-selling novel “Still Alice,” basis for the identically titled Academy Award-winning movie. Another special presentation features Nancy Frates, mother of Pete Frates, who was the inspiration for the ALS ice-bucket challenge.

For more about Yankee Dental Congress 2017, visit www.yankeedental.com or call (877) 35V-9071.

(Source: Yankee Dental Congress)

New look, direction to Lab Expo at PDC

Vancouver’s 2017 Pacific Dental Congress, one of the largest dental meetings in North America, is offering a broad selection of C.E. with more than 200 sessions and hands-on courses, March 9–11, at the Vancouver Convention Centre. Register at www.pdcon.org. Special hotel rates are available through Jan. 13.

In the exhibit hall, close to 300 exhibiting companies will occupy 653 booths, with the exhibit floor open on Thursday and Friday, March 9 and 10. For the majority of exhibitors, C.E. credit is given for general attendance (up to five hours) and hour-for-hour credit for individual courses. It’s possible to acquire up to 20 C.E. credits out your attendance strategy. The app’s planning tools include a comprehensive search engine and interactive maps that make it easy to find companies, discover products, navigate the show floor and stay up-to-date with meeting-related news and events.

The app will enable you to access the scientific programs, handouts and room locations to plan the sessions you will attend. You can personalize your experience by adding favorite sessions to create your schedule, adding notes to a session in advance or in real time — or you can map out your day at the exhibit by highlighting which pavilions you will visit. You’ll also be able to check shuttle-bus schedules, see places to visit and much more.

Meeting organizers say that the Greater New York Dental Meeting is designed to create an experience that inspires and empowers. The meeting consistently delivers countless opportunities to discover new approaches, to touch and feel the latest technologies and materials and to interact with fellow practitioners and top industry representatives.

54,000 expected

Last year’s meeting attracted 54,000 registrants from all 50 states and 131 countries. There are no organization memberships required to attend the GNYDM. All are welcome.

And, of course, the meeting’s biggest attraction of all will be available in full force: the wonders of New York City in the midst of the holiday season, with shopping, shows, museums, restaurants, and endless exploring.

(Source: Pacific Dental Conference)

New look, direction to Lab Expo at PDC

Vancouver, B. C., site of the Pacific Dental Conference. Photo/Provided by the PDC

• NEW YORK, page A1

The 2016 GNYDM is packed with free C.E. every day, and as always there is no preregistration fee. There will be more than 300 educational courses consisting of seminars, hands-on workshops, essays and live-patient demonstrations. Tickets are required for all programs with the exception of the demonstrations in the live dentistry arena.

Most highlights among educational offerings include: the Third Annual World Implant Expo, the Second Annual Global Orthodontic Conference, a new four-day Sleep Apnea Conference, a new International Diabetes Symposium, a four-day Invisalign Expo, dental laboratory education, four days of programs for dental assistants and, new this year, educational programs in Korean in addition to already popular offerings in Portuguese, Spanish, Italian, Russian and French.

Four-day exhibit hall

And, of course, there are four days of exhibits, with 650 companies occupying 1,700 booths. Educational opportunities in the exhibit hall seem almost as extensive as the meeting’s classroom offerings, anchored by the live dentistry stage, featuring morning and afternoon sessions each day of the four-day exhibit schedule.

You can visit the New Products Pavilion at the rear of aisle 600/700 and see some of the industry’s most recently developed products and services.

Download the GNYDM app

Be sure to download the GNYDM 2016 mobile app to make it easier to plan your attendance. The app’s planning tools include a comprehensive search engine and interactive maps that make it easy to find companies, discover products, navigate the show floor and stay up-to-date with meeting-related news and events.

The app will enable you to access the scientific programs, handouts and room locations to plan the sessions you will attend. You can personalize your experience by adding favorite sessions to create your schedule, adding notes to a session in advance or in real time — or you can map out your day at the exhibit by highlighting which pavilions you will visit. You’ll also be able to check shuttle-bus schedules, see places to visit and much more.

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(Source: GNYDM)
Benefits of bonding combine with simplicity of traditional cementing

By Dr. Joseph Kim

BISCO’s next generation resin cement combines the benefits of bonding with the simplicity of a traditional cementing protocol. TheraCem is a dual-cured, calcium and fluoride-releasing, self-adhesive resin cement indicated for luting crowns, bridges, inlays, onlays and all types of posts. Delivering a strong bond to zirconia and most substrates, along with easy cleanup and high radiopacity, TheraCem offers clinicians reliable and durable cementation of indirect restorations.

The self-adhesive feature means no etching, and no priming or bonding of prepared dental surfaces. This means greater predictability in preparations with subgingival margins, where etchants or bonding agents may cause bleeding (Fig. 1).

With TheraCem, a clean, prepped dentin or enamel surface is all that is needed to achieve excellent bond strengths, with the added benefit of sustained calcium and fluoride release. TheraCem also forms a strong bond to most substrates, including zirconia restorations, without the need for separate chemical primers (Fig. 2).

Easy to clean up
TheraCem is easy to clean up with hand instruments and floss (Fig. 3). For deeper subgingival margins, TheraCem is kind to the gingiva, although the margins should be thoroughly inspected to ensure complete removal of excess cement (Fig. 4).

Due to innovative chemistry, TheraCem achieves a high degree of chemical conversion, which ensures long-term durability, without the need for refrigeration when it is not being used. For clinicians, this means that peace of mind can be nearby and ready to use in every operatory.

All of these time-saving features translate to decreased chair time and reduced frustration for both clinicians and patients. TheraCem is true simplicity and durability through cutting-edge chemistry.
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Handpiece ends need to change brushes

**Handler’s 500-IV Syncro-Torque IV requires minimal maintenance**

By Handler Manufacturing Staff

Handler Manufacturing has recently released the Syncro-Torque IV, which is described by the company as being “the next-generation dental-lab handpiece.”

The 500-IV Syncro-Torque IV comes complete with a brushless handpiece, variable speed digital control console, foot pedal, set of two wrenches, power cord, cradle and one-year warranty against manufacturing defects.

The new brushless handpiece eliminates the need to change brushes and requires only minimal maintenance if cared for properly.

50,000 rpm motor

The Syncro-Torque IV has 713.8 g/cm of torque and a powerful 50,000 rpm motor good for all dental lab applications, including cutting, grinding, sanding, trimming, etching, carving, polishing and drilling.

The improved digital control console is 4 ¼” W x 4 ¼” H x 7 ¼” L and is lightweight, at just eight pounds. Additionally, a handle is included for portability.

The control console has a reverse direction that enables the use of left or right accessories and the auto-cruise function enables the user to maintain any speed consistently, according to the company.

Foot or knee controls

The Syncro-Torque IV allows the user to use the foot pedal on the ground or mount it to use as a knee treadle. The 500-IV Syncro-Torque IV is also available in 230V, model 500-IVE.

For more information, you can contact Handler at rickladuca@handlermfg.com or at (800) 274-2635.

Tell us what you think!

Do you have general comments or criticism you would like to share? Is there a particular topic you would like to see articles about in Dental Tribune? Let us know by sending an email to feedback@dental-tribune.com. We look forward to hearing from you!

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Aurora, Ohio

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~ Gregory Nicholson, DDS
Murfreesboro, Tennessee

“I love the awesome fit of the Simply Natural Digital Dentures!”

~ Bruce Wiley, DMD
Greybull, Wyoming

“This technique is great and resulted in the easiest try-in I have ever done.”

~ Michael Brogna, DMD, FAGD
Bensalem, Pennsylvania

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~ Adam Myers, DDS
Morgantown, West Virginia

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New intraoral camera sleeves offer custom fit at economical price

By Flow Dental Staff

Flow Dental, exhibiting at booth 1110 at the 2016 Greater New York Dental Meeting, is introducing several new imaging products.

First there’s new Perfect Fit, which the company describes as “the one and only fully adjustable intraoral camera sleeve you can buy.”

With a Perfect Fit sleeve you can create a custom-fit sleeve for virtually any size camera. According to the company, the Perfect Fit is fast, easy to use, and economically priced.

With new Perfect Fit your sleeve will stay on every time, and your lens will always be clean and wrinkle-free. Nothing fits your camera like new Perfect Fit from Flow Dental, according to the company.

Flow Dental representatives report that the Perfect Fit sleeves are 30 percent less expensive than other custom-fit camera sleeves.

Flow is also introducing new All Bite, a universal bite wing holder for all size sensors.

Not only does All Bite flex to hold all sizes, but its unique snap-on/snap-off bite block enables you to move on the fly from a horizontal to a vertical bitewing, in seconds, at chairside. All Bites are economically priced too, according to the company.

Finally there’s new Deluxe Cushies. Deluxe Cushies adhere to either the long or short side of your sensor, PSP plate or film to create a soft, cushiony surface your patients will appreciate. The unique key-way design makes positioning your Deluxe Cushie quick and easy too.

William Winters, president of Flow Dental, said, “We understand imaging from a workflow and case-management perspective. Our goal is to enhance — yet simplify — any aspect of the imaging process that we can. Our goal is to make products that are easy to use, easy to adapt, save time, reduce cost, and are a benefit to both the patients and the practitioners.”

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Glidewell Laboratories magazine features implantology Q&As, articles and more

Glidewell Laboratories, known as an industry-leading provider of dental products, implant solutions and lab services, recently published the latest edition of Inclusive™ magazine, the company’s multimedia publication focused on implant dentistry. The publication is available in print and across multiple digital platforms. The digital edition of the new issue, Vol. 7, Issue 3, as well as past issues of the quarterly magazine, can be viewed on all popular desktop, tablet and smartphone platforms at inclusivemagazine.com.

The featured Implant Q&A spotlights Dr. Randolph Resnik, seasoned prosthodontist and oral implantologist whose contributions as a researcher, educator and practitioner have made him a widely recognized leader in implant dentistry. Read the article and watch the video interview in which Resnik discusses his passion for teaching, the guiding principles behind the protocols taught in his courses, the latest developments in implants and prosthodontics, and his long history with the Misch International Implant Institute, where he serves as surgical director and chief of staff.

The issue features an article by Editor in Chief and Clinical Editor Dr. Jack Hahn, who reviews a case that shows the evolution of implants over the past three decades — from early blade forms to the Hahn™ Tapered Implant — all within the mouth of a single patient. In an article by Dr. Neil Park, Hahn joins respected bone grafting experts Drs. Carl Misch and Paresh Patel in sharing their regenerative material preferences and insights for the most common indications encountered in implant dentistry. Dr. Timothy Ko-sinski’s article describes how to achieve predictable, lifetime results in the aesthetic zone through proper implant selection and positioning, digital impression-taking and CAD/CAM prosthodontics.

Practice management consultant Dr. David Schwab is featured in a Q&A that explores how dental practices can effectively present implant treatment to patients, including practical tips for improving referral relationships between GPs and specialists. In addition, a Q&A with Gary Pritchard, in-house legal counsel for Glidewell Laboratories, examines the standard of care concept, its relationship to new technologies and how practitioners can keep pace.

Dr. Siamak Abai’s latest article explains how to optimize the tissue, or intaglio, surface of fixed full-arch implant restorations, including tips for maximizing esthetics, patient comfort, ease of cleaning and support for the facial structures. Dr. Paresh Patel demonstrates how to restore an edentulous arch with the Inclusive® Implant Overdenture, which improves prosthetic stability and function for patients who cannot receive a fixed restoration for reasons financial, anatomical or otherwise.

In the first article of a three-part series, Dr. Perry Jones illustrates how orthodontic treatment can be used prior to surgical intervention to reposition teeth, correct the occlusion and establish the restorative space needed for the eventual implant restoration. Resnik appears again, this time beginning a series of articles on the principles of implant occlusion by examining the differences between teeth and dental implants, the susceptibility of implants to force-related issues, the goal of implant-protected occlusion and other considerations in the development of occlusal schemes for prosthetic rehabilitation.

After reading the articles, viewing the case photos and watching the videos, readers have the opportunity to take free interactive continuing education tests through the Glidewell Education Center. Participants can earn C.E. credits through the Academy of General Dentistry Program Approval for Continuing Education (PACE) program for each test they complete and pass.

Inclusive magazine is published by Glidewell Laboratories and President/CEO Jim Glidewell, CDT. Each issue of Inclusive seeks to highlight the many aspects of dental implants from clinical and laboratory perspectives. Featuring case studies, clinical techniques and practice management tools in both article and video format, Inclusive prompts its readers to implement the latest advancements in implantology in order to achieve predictable, profitable and reproducible results. For the latest digital edition and to sign up for a free print subscription, visit www.inclusivemagazine.com. To contact, you can call (800) 521-0576 or send an email to inclusivemagazine@glidewelldental.com.

(Source: Glidewell Laboratories)
The Futar® brand offerings of bite-registration materials are being sold to the U.S. market by Kettenbach LP. The products include Futar, Futar Fast, Futar D, Futar D Fast, Futar D Slow and Futar Scan. Now, with six times the choice, Futar bite-registration materials enable practitioners to choose the appropriate material to fit their particular needs. Whether a practitioner is looking for high final hardness, comfortable working times or a “scannable” material, the Futar line has it all, according to the company.

Futar, the original bite registration from Kettenbach, has been a high-demand product for years. The company describes the materials as being “highly acclaimed” and note that the materials have earned recognition from several third-party evaluators in the U.S. as well as globally. The company asserts that the brand represents the market’s most popularly used bite registration material.

According to the company, Futar can be conveniently milled and easily cut with a scalpel. Excess material can be easily broken off, and the correct occlusal position can be checked in the mouth, the company asserts. The upper and lower jaw models can be precisely assigned. The working time is 15 seconds with an intraoral setting time of 45 seconds. And because it sets firm, vertical dimension accuracy is assured, according to the company.

About Kettenbach
Kettenbach, based in Huntington Beach, Calif., is the exclusive U.S. distributor for Kettenbach GmbH & Co. KG (Eschenburg, Germany). Founded by August Kettenbach in 1944, Kettenbach GmbH was created for the development and marketing of medical and dental products. Today, the company is one of the leading international producers of dental impression materials and is also known in other surgical areas of medicine. The company’s brands include Panasil VPS Impression Material, Identium VSXE Impression Material, Futar Bite Material, Silginat Alternative Alginate, Visalys Temp Material, MucoPren Resilient Liner and Visalys Veneers.

For more information you can call (877) 532-2123 or visit www.kettenbachusa.com.

Futar bite-registration materials, available in six variations, enable practitioners to choose the appropriate material to fit their particular needs. Photo/Provided by Kettenbach
Mixing, dosing, dispensing with consistent quality

To simplify the daily work of clinical staff in terms of the mixing, dosing and dispensing of single- and two-component materials, the Swiss company Sulzer Mixpac develops optimally coordinated systems solutions: dispenser, cartridge, mixing cannula and application nozzles, all from one source. Quality and the patient’s safety are prime concerns. Martina Strasser, head of sales/health care at Sulzer Mixpac, summarizes the products as follows: “Our MIXPAC™ products are convincing because of their ergonomic and user-oriented design, their safe application, and precise as well as reproducible results.” As leading manufacturer of primary packaging systems, Sulzer Mixpac manufactures all components under strict clean-room conditions. The company invests in demanding and innovative safety procedures. “Users of our components do not only avoid unnecessary risks, they can also trust the consistent and reliable quality of compatible components and our experience in dental medicine.” Strasser said.

Original MIXPAC products can be identified by their logo, the specific retaining rings of the mixing tip, and the six typical colors. The Clinicians Report Foundation® and the Dental Advisor awarded Sulzer’s MIXPAC T-Mixer in the categories “Best Product” and “Best Value” for the first and third time, respectively. The experts emphasized the significant saving of dental material while ensuring consistent mixing quality and compatibility with the existing MIXPAC products.

(Gundy Booth No. 4422

First all-ceramic-based flowable direct restorative

By VOCO Staff

Admira Fusion Flow is described by VOCO as “the world’s first all ceramic-based flowable direct restorative material.” Based on the same innovative nano-ORMOCER® (Organically MODified Ceramics) technology as its packable version, Admira Fusion, Admira Fusion Flow offers many of the same advantages. These include up to 50 percent less shrinkage and shrinkage stress, extreme color stability and a new level of biocompatibility.

The combination of nano-hybrid technology and ORMOCER technology means that silicon oxide forms the chemical basis for both the fillers and the resin matrix of Admira Fusion Flow. This unique “Pure Silicate Technology” is what supports the enhanced physical properties that include its high filler content (44 percent w/w), low polymerization shrinkage (1.75 percent by volume) and low shrinkage stress (7.27 MPa). Additionally, according to the company, the material is characterized by excellent biocompatibility because it contains none of the classic monomers (no BisGMA, TEGDMA, UDMA, etc.), which also means it is 100 percent BPA-free.

Admira Fusion Flow is available in the non-running, non-dripping NDT® syringe patented by VOCO. This guarantees safe and precise application without material loss. The flow properties enable easy wetting of cavity walls. Thanks to its precise thixotropic and flow-on-demand properties, the material flows only under pressure and movement, so it remains stable in the cavity following application and modeling. It can be polished effectively and is compatible with all conventional bonding agents.

Admira Fusion Flow is available in 12 shades matched to fit the shade range of the condensable version of Admira Fusion. There is a Bleach Light (BL) and White Opaque (WO) shade for special cases such as bleached teeth or discolored dentin found in pediatric dentistry.
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² Apulea-forming Ability of TheraCal Pulp-Capping Material, M.G. GAŠTEJU, F. SIBORI, P. TAGGER, E. MOODEN, and J. PRATT. J Dent Res 90 (Spec Iss A); abstract number 2520, 2011 (www.dentalresearch.org)

Support documents available - www.bisco.com
Upper, lower dentures on Rhein83 components

By Marco De Angelis, DDS, and Luigi Ciccarelli, dental technician

This clinical case illustrates in a schematic way some of the stages involved in the realization of an upper and lower overdenture on eight implants: four implants on the upper jaw and four on the lower (Fig. 1). This solution will provide greater stability to the prosthesis during the phonation and chewing functions. This enables the patient to feel safe, comfortable and confident with the prosthesis while in social situations.

This technique uses the spherical attachments that enable the clinician to reduce the final costs when compared with a solution using a bar. The fact that the prosthesis will be retained by implants does not lessen the need that the prosthesis achieve all of the other requirements of a traditional prosthesis: It must have an appropriate extension of the edges, a correct vertical dimension, a repeatable centric relationship and a correct assembly of the teeth.

In the presence of reduced vertical dimensions and a high number of implants, it is preferred to use a superstructure of cobalt chromium that will prevent any breakage in correspondence of the metal housings containing the retentive caps.

The clinician, before fixing the retentive caps (Fig. 2), will check the insertion paths of the prosthesis to eliminate residual areas of compressions with a special paste and the centric contacts. The fixing of the retentive caps with liquid resin will be facilitated by the use of protective disks that prevent the resin from invading the undercuts of the attachments, allowing an easy removal of the prosthesis once cured. After the curing, the excess of resin will be finished with a bur.

Before the final delivery, the patient will be instructed on how to properly store and clean the prosthesis and implants. The prosthesis in situ received clear satisfaction from the patient. Thanks is due to Vincenzo Liberati of Lab DentaLine for the construction of the superstructure (Fig. 3).

For more information, you can visit www.marketing@rhein83.it.

Read more online
The full version of this article — in English as well as in its original Italian (“Protesi superiore e inferiore su componentistica Rhein83”) — can be found on the Dental Tribune International website at www.dental-tribune.com.
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- Stainless Steel work surface protector
- Comes fully assembled, no installation required
- Plug into standard wall outlet
- Standard colors apply

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Clearer choice for partial dentures

By Keystone Industries Staff

Keystone Industries, U.S.-based manufacturer of the Itsoclear Clasp and numerous dental laboratory products, has launched a new clear thermoplastic resin, Clearmet. The company describes it as being “the clear choice for esthetically pleasing and clear partial dentures.” It is available through the majority of the dental industry’s top dealers and distributors.

This new resin is made of monomer-free material that has been tested to show no known allergic reactions. According to the company, the material sets itself apart by being stain-resistant, odor-free and practically invisible inside the patient’s mouth. And like Clearmet’s popular partner the Itsoclear Clasp, it is easy to be adjusted, relined and repaired.

Dr. Dan Schwartz, who has been using the Clearmet material for a few years while developing the product with Keystone, said, “Clearmet is the next generation to the partial denture. The material is great to work with, and the fit is spot on. When adjustments are necessary, they are simple to do chairside. Patient response has been outstanding.”

Michael Prenzillo, Keystone’s vice president of sales, worked with Schwartz on ensuring wide availability of Clearmet at launch. “It’s truly a product that has been tested through and through that works, works well, and makes a difference to end users,” Prenzillo said.

Clearmet is available in two sizes, both considered industry standards: small and medium. Both the small (1.77”, 25.5mm x 45mm) and medium (3.03”, 25.5mm x 77mm) come in packages of five tubes, and suggested retail prices are $55.75 and $68.05, respectively.

One of the main goals of Clearmet has been to improve not only smiles, but also lives. According to the company, Clearmet is creating beautiful smiles for patients who were previously too uncomfortable to smile with a metal framework.

“I can tell you without any reservations that this material is by far the best, most comfortable, lightest partial denture material I have ever used,” said Dr. Louis Trovato of Hatboro, Pa. “The patient response has been outstanding, and I’m positive I’ll never go back to any other material.”

Not only are doctors thrilled to use Clearmet, but dental labs are, too, according to the company. “It’s not only the easiest material I have worked with, but superior results make it by far the best,” said Frank Ricciardi, owner of RDL Dental Lab.

“You don’t need any special equipment and it’s extremely easy to polish. It’s saved my lab a lot of time and stress.”

Keystone’s Clearmet resin is available now through most dental dealers and distributors in North America, Latin America and Europe. Clearmet can be purchased through a preferred dental dealer on the Keystone Industries website. To learn more, get up-to-the-minute updates and order through a dealer, you can visit www.keystoneind.com.

Keystone Industries, a privately held company founded in 1908, has maintained a strong reputation for producing innovative, high-tech dental products in both the operator, laboratory and preventive realms, according to the company.

The company asserts that its dedication is driven by the need to provide customers with the finest quality materials while developing products that meet and surpass customer expectations. For more information on Clearmet and other Keystone Industries dental products, you can visit Keystone Industries websites at www.keystoneind.com and www.facebook.com/KeystoneInd. You also can follow it on Twitter, @KeystoneInd and on Instagram, @KeystoneIndustries.

Ionolux: Immediately packable resin modified glass ionomer restorative with composite-like esthetics

Uniquely serves at-risk patients, including pediatric and geriatric

By VOCO Staff

Voco’s Ionolux is a new light-cured resin modified glass ionomer restorative that offers unique physical attributes that benefit both the practitioner and the patient, according to the company.

These benefits include: composite-like esthetics, non-stick handling; improved physical properties for better longevity; and an ability to be condensed, shaped and sculpted immediately after application.

Fluoride-releasing restorative without sacrificing the esthetics

According to the company, Ionolux’s enhanced esthetics uniquely enables the practitioner to deliver a fluoride-releasing restorative without sacrificing the esthetics. This enables practitioners to offer a higher quality of care especially for at-risk demographics such as the pediatric and geriatric populations.

Ionolux is radiopaque and does not require the use of any adhesive or dentin conditioner.

Five shades in a biocompatible quality solution

With five shades that include A1, A2, A3, A3.5 and B1, Ionolux provides a biocompatible quality solution for practitioners looking for a restorative that offers composite-like esthetics, ease of application and shaping, controlled working times and fluoride release.

To learn more, you can visit VOCO in the exhibit hall at the 2017 Greater New York Dental Meeting in booth No. 3201, or you can visit the company online by going to www.vocoamerica.com.

According to VOCO, Ionolux benefits include non-stick handling, improved longevity, and the ability to be condensed, shaped and sculpted immediately after application. Photo/Provided by VOCO
Barrier protection critical with dental gloves

Gloves with inferior capability could expose patient/user to harmful infections

While caring for their patients, dental and health care professionals are constantly exposed to bodily fluids that may carry viruses and other infectious agents.

It is therefore critical that the gloves these professionals use provide the best possible barrier protection.

Many types of gloves are available today, but it is important to know that not all gloves have the same barrier capability, depending on the type of material used. For example, natural rubber latex gloves have long been acknowledged for their very effective barrier properties, while non-latex gloves, such as vinyl (polyvinyl chloride), have inferior barrier capability as shown by numerous studies.

Other synthetic gloves, such as nitrile and polyisoprene, perform much better than vinyl but are more costly, especially polyisoprene gloves. Using gloves with inferior capability could expose both the patient and user to harmful infections.

Quality, safety top priorities

Malaysia is the world’s largest medical gloves exporter (latex and nitrile). Both quality and users’ safety are of top priority to the nation’s glove industry. To this end, a quality certification program (the Standard Malaysian Glove, or the SMG) has currently been formulated for latex examination gloves.

All SMG-certified gloves must comply with stringent technical specifications to ensure the gloves are high in barrier effectiveness, low in protein and low in allergy risks, in addition to having excellent comfort, fit and durability — qualities that manufacturers of many synthetic gloves are trying to achieve.

Natural, sustainable resource

Latex gloves are green products, derived from a natural and sustainable resource, and are environmentally friendly. You can learn more online by visiting www.smgonline.biz or www.latexgloves.info. The use of low-protein, powder-free gloves has been demonstrated by many independent hospital studies to markedly reduce the incidence of latex sensitization and allergic reactions in workplaces.

More important, latex-allergic individuals donning non-latex gloves can now work alongside their coworkers wearing the improved low-protein gloves without any heightened allergy concern.

However, for latex-allergic individuals, it is still important they use appropriate non-latex gloves, such as quality nitrile and polyisoprene gloves, which provide them with effective barrier protection.

Extensive array of brand, prices

Selecting the right gloves should be an educated consideration to enhance safety for both patients and users. For decades, gloves made in Malaysia have been synonymous with quality and excellence, and they are widely available in an extensive array of brands, features and prices. They can be sourced either factory direct (www.mrepc.com/marketplace) or from established dental products distributors in the United States and Canada.

(Source: Malaysian Rubber Export Promotion Council)
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Get ready to stock up and earn cash with DENTSPLY Maillefer’s rebate offer. Mix and match your purchases of Maillefer hand files, READY-STEEL™ hand files, reamers, hedstroms, burs and Gates Glidden Drills. The more you buy, the more you earn.

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*Program Rules: Purchase must be made from an authorized DENTSPLY distributor between November 1, 2019 and December 31, 2019. Offer must be received by redeem by January 31, 2020 to redeem rebate checks. To claim your rebate check, email your DENTSPLY distributor invoice to MailleferUSA@Dentsply.com, fax to 800-924-7389 or mail to DENTSPLY Maillefer, 550 East Varsity Drive, Suite 200, Tulsa, OK 74135. Limit of four (4) redemptions per offer, per customer. Package quantities must come from one invoice. Offer may not be combined with any other DENTSPLY offer. Mix & match permitted. Please allow six to eight weeks for delivery of rebate check. Offer available in the USA only. ©DENTSPLY International, Inc. DENTSPLY Maillefer. All rights reserved. Pkg Only SKU#599 Rev 1 0719.
Craig Barrington, DDS, discusses his technique for capturing high-definition images

By Fred Michmershulzen, Managing Editor

With his high-definition photography of complex root canal systems, Dr. Craig Barrington, who practices dentistry in Waxahachie, Texas, is developing quite a name for himself. Just check out his presence on Facebook, at craiggbarringtondds.com. In an interview with Endo Tribune, Barrington talks about how he captures these high-definition endodontic images and how he uses them to increase his knowledge and help improve the level of care he provides to his patients.

"Please tell our readers a little bit about yourself and your dental practice." I graduated summa cum laude from the University of Texas Health Science Center in San Antonio in 1996. I am a general dentist in Waxahachie, Texas. I have been in my current location for 20 years.

"What do you like best about practicing dentistry?" I most enjoy the science, the biology and the ability to interact with, affect and watch the human body function and heal. I appreciate the ability to solve problems and the ability to work on problems that are yet to be solved. I like being a part of a "past, present and future" continuum that is the overall profession of dentistry I enjoy having the ability to affect an individual person, from patient to fellow practitioner to dental student, all the way up to having the ability to have a positive effect on humanity across the globe.

"Who influenced you most in your career?" First, I would thank Dr. Joel B. Alexander. He was an endodontic professor when I was in dental school who encouraged and taught the value of recalling your cases in order to assess your treatment outcomes. Secondly, I would thank Dr. Terry Pannkuk. After much awareness, pursuit of and concentration on the topic of mentorship, I certainly believe he is the best doctor alive today. He has done much for our profession from a philosophical standpoint to the actualities of clinical health care. He sees the value in this tooth clearing and diaphonization project I am involved in and consistently has provided more support and encouragement than anyone else. He has kept me motivated in my career as my friend and mentor. I continue to learn from him daily, and I hope that somewhere along the way, I reciprocate some of the support he has given me over the years.

"You have become known for your high-definition photography of the root canal anatomy. How did you become interested in this area?" That too goes back to Dr. Alexander and Dr. Pannkuk. Both of these doctors influenced me to recall my work in endodontics and truly take a scientific approach to the question of whether endodontics actually works and whether it actually works in my hands. After recalling many of my own cases, I started to see failures and problems that I was not satisfied with. I started to postoperatively evaluate my work and found that there were clinical aspects I could change to improve my outcomes. It was via the internet that I met Dr. Arnaldo Castealucci. After the interactions we had, I saw the cover of his textbook. The tooth on the cover put me in awe. This was the first "cleared tooth" I had ever seen. It is from there that my interest in clearing teeth originated. I just had to figure out what was going on and how and why it worked. Fifteen years later, I am still manipulating processes in the diaphonization of human teeth in search of the "answers." I have a patent pending in diaphonization of human teeth originated. I just had to figure out what was going on and how and why it worked. Fifteen years later, I am still manipulating processes in the diaphonization of human teeth in search of the "answers." I have a patent pending in the clearing process, and the knowledge it has provided has become one of the most valuable tools in pre-operative and post-operative evaluation of the internal anatomy of human teeth.

"Can you tell our readers a little bit about how you go about capturing these images?" The photography is actually not difficult. It is oil immersion oblique illumination light microscopy, which has been done in histology labs for years. It is, however, a new realization in this area for dentistry. In dentistry, we are familiar with the study of microscopic histologic sections. Teeth, on the other hand, are gross histologic specimens that can understandably be seen via the naked eye; however, viewing of the internal anatomic structures is greatly enhanced with microscopic evaluation. Any photographs of the teeth I work with are simply obtained through my "artistic" arrangement of the specimen in either a visually interesting position or in what I would consider an educational in-
Rutgers endodontic professor named 2016 foundation fellow

Carla Y. Falcon, DDS, MDS, is the recipient of the Foundation for Endodontics 2016 Endodontic Educator Fellowship Award. Designed to encourage a career in endodontic academics, the Educator Fellowship Award provides $50,000 over five years to individuals who commit to a minimum of five years of teaching.

"Thank you for your support from our sponsor, Edge Endo, the foundation is proud to award our flagship grant for 2016 to Dr. Falcon," said Foundation for Endodontics President Dr. Peter A. Morgan. "Dr. Falcon has shown great commitment to the specialty of endodontics, and as an educator will instill in her students the critical thinking needed for successful endodontic diagnosis and treatment."

Falcon is entering her second year as an assistant professor in the Department of Endodontics at Rutgers, where she also completed her dental degree and endodontic training. She applies her critical mind and bachelor’s degree in engineering to endodontics regularly, she recognizes that understanding the biological rationale for endodontic treatment is as important as clinical expertise.

“This is what excites me most about education,” Falcon wrote in her fellowship application. “Fostering and developing the philosophy and methodology of endodontic treatment that the students will take forward beyond graduation and that will continue to govern their endodontic therapy during their dental lifetime.”

Falcon’s strong interest in teaching was evident throughout her education as she tutored in the campus writing center during her undergraduate years and worked as a clinical floor instructor in her residency. As the Edge Endo Endodontic Educator Fellow, Falcon will be able to balance her desire of a career in full-time academic teaching with the critical thinking needed for success in educating her students. Advertising is another. We have to start the movement toward patient-centered treatment, with the true health care providers taking the first step away from any notion of what would or could be considered advertising in health care.

Is there anything you would like to add? I am respectfully honored by this opportunity, your questions and in you finding significance in this work of mine. Thank you!

Craig Barrington

CRAIG BARRINGTON received his DDS from the University of Texas Health Science Center San Antonio in 1996 and is a member of Omicron Kappa Upsilon. He is also an associate member of the American Academy of Endodontists. He maintains a practice in Waco, Texas. He has written various articles and publications on the dental operating microscope in general dentistry. For questions, or presentation requests, please contact Barrington at cdblooco@yahoo.com.

INTERVIEW
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Dr. Charles Goodis talks root canals with TV host Kathy Ireland

Edge Endo CEO Dr. Charles Goodis is featured on the award-winning, global TV show “Worldwide Business with kathy ireland®.” The segment’s topic is the introduction of superior endodontic supplies at half the cost.

Edge Endo’s mission is to deliver endodontic products and solutions at a substantially lower cost, which benefits practitioners and patients everywhere. The company is dedicated to the pursuit of bringing leading-edge products to the dental industry and revolutionizing endodontic practices around the world. Edge Endo was founded in 2012 and is headquartered in Albuquerque, N.M.

Goodis says that dentists and endodontists frequently face challenges when performing root canals, which is why Edge Endo has developed innovative instruments that help root canal treatments go much more smoothly. He explains, “The root canal system can have a lot of twists and turns, including 90-degree bends and S-shaped curves. These complex shapes can make root canals long and sometimes arduous for the patient. Edge Endo addresses these issues with advanced designs, by changing the geometry of the instrument, advanced metallurgy and our proprietary heat treatment method that far exceeds any competitors to make root canal treatments substantially lower cost, which benefits practitioners and patients everywhere.

He says, “Edge Endo’s innovative ideas and instruments have transformed not only the lives of dental patients around the world but also transformed the entire dental industry as a whole. We have loved seeing their amazing progress over the years, and we’re so proud to be part of their inspiring journey. We couldn’t be more excited to have Edge Endo on our show.”

More information about Edge Endo’s endodontic instruments is available online, at EdgeEndo.com. Check edgeendo.com/tvwwb for the TV program’s segment date.

About ‘Worldwide Business with kathy ireland” “Worldwide Business with kathy ireland” is a weekly business television program featuring real-world insights from corporate executives all over the globe. It can be viewed on Fox Business Network as part of its sponsored programming lineup, as well as internationally to more than 50 countries on Bloomberg International. Visit tvwwb.com for detailed airing schedules — or check your local listings.

(Source: Edge Endo)

DENTSPLY Maillefer introduces Ready•Steel pre-sterilized hand files

DENTSPLY Maillefer recently announced the launch of a new line of sterile endodontic stainless-steel hand files. Ready•Steel files are packaged pre-sterilized in perforated blister packs for single-patient use.

Endodontic files can show signs of wear due to use, and such wear increases dramatically with multiple uses. Using a file just once reduces the risk of breaking and increases patient safety by maintaining cutting efficiency. When a dentist uses a pre-sterilized file just once, the risk of cross-contamination is greatly diminished and cost savings are realized by eliminating the need to clean, sterilize and catalog files. Ready•Steel files are sold in packs of six and include the following:

- FlexoFiles®
- Senseus® FlexoFiles®
- K-File
- C+ File
- Hedstrom File
- K-Reamer

Ready•Steel files, available from DENTSPLY Maillefer, are packaged pre-sterilized in perforated blister packs for single-patient use. More information on Ready-Steel is available online, at www.maillefer.com. To order, call (800) 924-7393 in the U.S. or contact your preferred distributor representative. Dentsply Maillefer North America is a wholesale division for select endodontic products within Dentsply Sirona.

About Dentsply Sirona

Dentsply Sirona is one of the world’s largest manufacturers of professional dental products and technologies, with a 150-year history of innovation and service to the dental industry and patients worldwide. The company develops, manufactures and markets comprehensive solutions, including dental and oral health products as well as other consumable medical devices under a portfolio of brands.

As The Dental Solutions Company™, Dentsply Sirona’s products aim to provide innovative, high-quality and effective solutions to advance patient care and deliver better, safer and faster dentistry. Dentsply Sirona’s global headquarters is located in York, Pa., and the international headquarters is in Salzburg, Austria. The company’s shares are listed in the United States on NASDAQ under the symbol XRAY. Visit www.dentsplysirona.com for more information.

(Source: DENTSPLY Maillefer)
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...IT’S AN OPINION.
Muhammad Ali
Study of GentleWave System shows ‘extremely high’ healing rates

Sonendo Inc.—the Laguna Hills, Calif.-based developer of a breakthrough technology that offers an alternative to conventional root canal therapy—recently announced that clinical results using its GentleWave® System were reported in the print and online issues of the Journal of Endodontics. The study can be found online, at www.jendodon.com/article/S0099-2399(16)30196-0/abstract.

The work was led by Prof. Asgeir Sigurdsson, canal, Odont., DDS, MS, Cert End (UNC), chairman of endodontics at the University of New York College of Dentistry, who stated, “This study strongly indicates that the GentleWave System does what it was intended to do; it cleans and disinfests the root canal space in a predictable and consistent way resulting in peritubular healing rates that are extremely high in this study. Most importantly, though, is the fact that the system does this automatically and with maximal preservation of tooth and root structure.”

Chris Rabbitt, chief commercial officer of Sonendo, stated, “We applaud the investigators in this study for their rigor in examining how the GentleWave System can offer expedited healing rates in root canal therapy through improved cleaning, disinfection and preservation of natural tooth morphology. We are committed to reference this data as we move toward broader commercialization of the GentleWave System and ultimately deliver on our mission of ‘Saving Teeth Through Sound Science.’”

Bjarne Bergheim, president and CEO of Sonendo, also stated, “Sonendo is committed to improving care for patients. We are therefore excited about this study. The GentleWave System enables improved healing and a cumulative success rate of 97.3 percent.” Over the past century, little has changed in root canal therapy. We are pleased that the GentleWave System is finally giving clinicians and their patients a better alternative than conventional root canal therapy.”

Glenn named chief financial officer

In other news from Sonendo, John (Jack) Glenn was recently named chief financial officer. Glenn brings 25 years of financial leadership and public company experience. Prior to this, he served as chief financial officer of publicly traded Solta Medical, where he played a key role in the identification, negotiation and structuring of several acquisitions, public equity offerings and debt financings and assisted in the company’s strategic acquisition by Valeant Pharmaceutical.

Glenn earned his MBA in finance from Santa Clara University and his BS in business administration from the University of Nevada.

Sonendo is at an exciting stage in the company’s pursuit of changing the standard of care for root canal therapy,” Glenn said. “I’m excited to join the Sonendo organization and help realize the value of this innovative technology.”

About Sonendo

Sonendo is a privately held, venture-backed company developing technologies that aim to transform dentistry by “Saving Teeth Through Sound Science.” The first commercially available product from Sonendo, the GentleWave System, available in the U.S., shows significant improvements in clinical efficacy and treatment efficiency when compared to conventional root canal techniques.1-3

More information is available online, at www.sonendo.com.

References

CJM Engineering offers Munce Discovery Burs

A vailable from CJM Engineering, Munce Discovery Burs™ are designed to be the answer to hand-calibrated burs, uncovering hidden canals, troughing the isthmus and cement-line dissection around posts. The long, narrow yet stiff shafts are designed to provide an excellent view corridor and ensure positive control, with the familiar tactile feedback of round burs.

Unlike ultrasonic, Munce Discovery Burs are heatless, not prone to spontaneous breakage and create a more readable surface. The 31 mm Shallow Troughers and the original 34 mm Deep Troughers have color-coded head sizes, in ½, ⅓, 1, 2, 3 and 4.

The 31 mm #6 Endodontic Cariesectomy bur assists with caries removal from deep within the access cavity and from the internal aspects of crown margins.

Dr. C. John Munce invented Munce Discovery Burs in 2004 after he noticed a lack of an economical and efficient alternative to ultrasonic tips. Today, he provides the burs to clinicians around the globe via his family-owned company, CJM Engineering. The company was founded in 1997 with Munce’s first patented invention, the Root Canal Projector. Munce enjoys lecturing worldwide on topics related to creative management strategies for endodontic complexities, and he has contributed to numerous textbooks, most recently as lead author of the “Preparation for Treatment” chapter in the soon-to-be-released seventh edition of Ingle’s Endodontics. He is a diplomate of the American Board of Endodontics and an endodontic faculty member at both Loma Linda University and USC schools of dentistry.

(Source: CJM Engineering)
THE 2ND LARGEST NITI ROTARY FILE COMPANY IN THE UNITED STATES.

WORLDWIDE BUSINESS

with kathy ireland

KATHY IRELAND
WORLDWIDE BUSINESS HOST

DR. CHARLES GOODIS
DDS, EDGEENDO® CEO

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*Xylitol may reduce the risk of tooth decay.
The American Dental Hygienists’ Association (ADHA) has released a white paper that underscores the ability of the dental hygienist to perform dental hygiene diagnosis as part of the oral-care team working to ensure that every patient is evaluated and treated based on individual oral health needs.

According to the ADHA paper, dental hygiene diagnosis is an essential part of dental hygiene care and scope of practice, yet confusion exists on how to implement it into daily practice.

The ADHA created the white paper to help practicing dental hygienists understand and use dental hygiene diagnoses in their daily practice across a wide variety of care settings. In addition, the organization is providing tools and resources for dental hygiene educators to help them teach dental hygiene diagnosis to students. The organization is also providing tools for dental hygiene educators to help them teach dental hygiene diagnosis to students. The organization is also providing tools for dental hygiene educators to help them teach dental hygiene diagnosis to students.

The paper defines dental hygiene diagnosis as “the identification of an individual’s health behaviors, attitudes, and oral health care needs for which a dental hygienist is educationally qualified and licensed to provide. The dental hygiene diagnosis requires evidence-based critical analysis and interpretation of assessments to reach conclusions about the patient’s dental hygiene treatment needs.”

“Through dental hygiene diagnoses, dental hygienists educate patients on behaviors that minimize risks of oral infections, help detect risk factors for infectious diseases and cancers of the head and neck,” said ADHA president Betty Kabel, RDH, BS. “This elevates the role of the dental hygienist within the overall health care system, as we seek to expand the access to oral care. It’s important to utilize the dental hygiene diagnoses regularly and consistently to ensure optimal care for our patients.”

While dental hygienists’ rigorous education prepares them to provide preventive and therapeutic oral health services, the profession’s scope of practice varies from state to state. ADHA emphasizes that it is important for dental hygienists to fully utilize their education to provide oral health care services that fall within their scope, especially for populations that lack adequate access to oral health care services. The organization also advocates for using the new white paper as a resource by policymakers involved in decisions about state practice acts.

For more information, you can visit www.adha.org.

(Source: ADHA)

Commentary

PAW’s ‘tatooth’

Buccal aspect adventure helps connect hygienist with dental-lab technician

By Patricia Walsh, RDH
Editor in Chief, Hygiene Tribune

Can I reach the buttons? I finally whimpered for help. This month it was time for me to have a ‘real’ appointment on my day off. While I was sitting in the chair, waiting for the crown impression to set, I remembered a long-ago patient who had a Dow Chemical logo on his molar. Rather than believe he had a strong esprit de corps, I did always think of it as a form of forensic ID. If you’re a chemical engineer potentially in the wrong place at the wrong time in some far off developing country — taking such precautions seemed plausible to me. For all I knew, perhaps he never made it farther than Stamford, Conn. Nonetheless, it was this adventurous, imaginative notion that inspired me.

During my travels to Asia, I did give some serious consideration to a foreign-language body tattoo. I just never summoned the courage. Because my initials are PAW, I decided that a pawprint on the buccal aspect of my molar would be just the thing. Fearful that I could wind up with a ferocious bear print, rather than a cutey cute pussycat print, I included a Googled image to attach to the lab slip. Can’t say that I saw another image of a paw as a tooth tattoo on my internet search. Plenty of animals affiliated with professional and school sports teams can be found adorning teeth. Harley Davidson motorcycles and hearts seem to be popular.

My old boss, being the rascal that he is, added a personal note to his lab slip. He scribbled, “She’s a cougar!” Well har har har har. After 40 years of using the same lab, I guess he was entitled to a little sex joke. I later told the lab technician that if I were a cougar, then my “cub” is 60 years old. Not much in the way of bragging rights there. Half of my office thinks I’m off my rocker for getting a “tatoon.” The other half thinks it’s adorable.

Many years ago, the same doctor was making small talk while waiting for his patient to get numb. After a few minutes the patient asked the doctor and his assistant if they wished to see her new tat too. The young lady did not wait for a re...
Wireless headlight self-contained

Cordless, compact LED headlights can work with all your loupes and frames

Designs for Vision’s new LED Daylite Wireless™ Mini and LED DayliteWireless™ not only frees you from being tethered to a battery pack, but the simple modular designs also uncouple the headlight from a specific frame or single pair of loupes.

Prior technology married a cordless light to one pair of loupes via a cumbersome integration of the batteries and electronics into the frame. The compact design of the LED Daylite Wireless headlight is independent of any frame/loupes.

The patent-pending design of the LED Daylite Wireless headlight is a new concept: a self-contained headlight that can integrate with various platforms, including your existing loupes, safety eyewear, lightweight headbands and future loupes or eyewear purchases.

The LED Daylite Wireless or Wireless Mini is not limited to just one pair of loupes or built into a single, specific eyeglass frame. The LED Daylite Wireless headlight can be transferred from one platform to another, expanding your wireless illumination possibilities across all of your eyewear options.

The LED Daylite Wireless Mini weighs less than an ounce and, when attached to a pair of loupes, the combined weight is half the weight of integrated cordless lights/loupes. The LED Daylite Wireless produces more than 40,000 lux at high intensity and 27,000 lux at medium intensity, while the intensity of the LED Daylite Wireless Mini is 27,000 lux. The spot size of each of the LED Daylite Wireless headlights will illuminate the entire oral cavity.

The LED Daylite Wireless is powered by a compact, rechargeable lithium-ion power pod. The Wireless Mini is powered by specialty rechargeable lithium-ion cylindrical cells. Both LED Daylite Wireless headlights come complete with three batteries/battery pods. The charging cradle enables you to independently recharge two batteries/battery pods at the same time and shows the progress of each charge cycle.

Designs for Vision is also featuring the Reality-5-Star-rated Micro 3.5xScopes, which use a revolutionary optical design that reduces the size of the prismatic telescope by 50 percent and reduces the weight by 40 percent, while providing an expanded-field full-oral-cavity view at 3.5x magnification.

The Micro Series from Designs for Vision is fully customized and uses the proprietary less coatings for the greatest light transmission. You can see the Visible Difference® yourself by visiting Designs for Vision’s booths, No. 1813 and No. 1202, at the GNYDM.

Or you can contact the company to arrange a visit in your office by calling (800) 345-4009 or by sending an email to info@dvir.com.

(Source: Designs for Vision)

Photo/Provided by Designs for Vision

The new LED Daylite Wireless and the new LED Daylite Wireless Mini headlights can integrate with various platforms, including your existing loupes, safety eyewear, lightweight headbands and future loupes or eyewear purchases.

Tell us what you think!

Do you have general comments or criticisms you would like to share? Is there a particular topic you would like to see articles about in Hygiene Tribune? Let us know by emailing feedback@dental-tribune.com. We look forward to hearing from you!

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NY DENTAL MEETING 2017
It was all business and beignets for attendees of the American Academy of Implant Dentistry’s 65th Annual Implant Dentistry Education Conference in New Orleans from Oct. 26-29. For three and a half days, attendees had the opportunity to learn from some of the world’s leading experts in implant dentistry and also to meet with implant companies showcasing the latest technologies and products.

On Oct. 27, main podium sessions began with “Laser-Assisted Peri-implantitis Procedure” with Dr. Allen Honigman and “Contemporary Treatment of Peri-implantitis” with Dr. Tara Aghaloo, leading into “Autogenous Bone vs. Biologics: Graft Selection for Success” with Dr. Craig M. Misch.

After lunch, attendees had the opportunity to hear from keynote speaker Dr. Leonard Bailey, who performed the first successful human-to-human heart transplantation in a newborn baby. Bailey, surgeon-in-chief of Loma Linda University Children’s Hospital in Loma Linda, Calif., said one of his missions now is to provide clinicians the inspiration to remain solidly committed to optimal patient service.

In addition to these sessions, a wide variety of educational programs including hands-on workshops, seminars, dental team programs and poster displays helped to round out a full day of solid education for AAID attendees.

After a day of training and learning, the Implant World Expo Reception held that evening, was a great way to cap off the night. More than 130 exhibitors were available to meet and mingle with attendees.

Clinicians head to AAID’s annual conference in New Orleans for learning and more

By Sierra Rendon, Managing Editor

It was all business and beignets for attendees of the American Academy of Implant Dentistry’s 65th Annual Implant Dentistry Education Conference in New Orleans from Oct. 26-29. For three and a half days, attendees had the opportunity to learn from some of the world’s leading experts in implant dentistry and also to meet with implant companies showcasing the latest technologies and products.

Dr. Craig M. Misch speaks at the AAID Annual Meeting’s main podium on Oct. 27 about ‘Autogenous Bone vs. Biologics: Graft Selection for Success.’ Photo/Sierra Rendon, Managing Editor

Dr. Tara Aghaloo speaks on the AAID main podium about the ‘Contemporary Treatment of Peri-implantitis.’ After lunch, attendees had the opportunity to hear from keynote speaker Dr. Leonard Bailey, who performed the first successful human-to-human heart transplantation in a newborn baby.

Dr. Tara Aghaloo speaks on the AAID main podium about the ‘Contemporary Treatment of Peri-implantitis.’

AAOMS hosts Chicago conference

Dental implant clinicians may consider a trip to Chicago in early December for the compelling educational opportunities offered during the American Association of Oral and Maxillofacial Surgeons (AAOMS) 2016 Dental Implant Conference.

The conference will take place Dec. 1-3 at the Sheraton Grand Chicago. Presenters include Drs. Anthony Sclar, Dr. Tara L. Aghaloo, Dr. Istvan Urban, Jay Malmquist, Michael Block and many more.

Among the session topics:

• “The Changing Landscape of Bone Grafting for Implant Therapy”
• “Infratemporal Soft-Tissue Augmentation Techniques for Teeth and Dental Implants”
• “Full-Arch, Immediate-Load Fixed Implant Restorations: Team Approach From Work-Up to Final Prosthesis”
• “Use of Different Materials for Hard- and Soft-Tissue Augmentation”

In addition, more than 100 companies will be on hand, exhibiting the latest products, equipment and services for the dental implant industry. After a full day of learning on Friday, attendees can join a reception in the exhibit hall, to enjoy beverages, hors d’oeuvres, networking with colleagues and another look at the latest in implant products and services.

A full schedule and registration information is available at www.aaoms.org/meetings-exhibitions/2016-dental-implant-conference.
Beyond educational opportunities, the exhibit hall offered much for attendees to see. Here is just a sampling of the products and technology showcased in the AAID exhibit hall:

- **Implanova:** If you have never heard of Implanova before, you aren’t alone. The company’s official launch was just eight months ago, and Dr. Parsa Zadeh, CEO and founder, believed attendees would want to learn more about his product that simplifies dental implant placement and restoration.

- **Versah:** The booth for Versah always seemed to stay busy, and it was for a good reason. Versah was created by a practicing periodontist, Dr. Salah Huwais, to offer an improved and unique way to prepare osteotomies for implant placement. His goal was to create a new instrument and procedure to maintain healthy bone while preparing osteotomies — rather than simply remove it to make space. The Densah Bur Kit does not drill away bone. Instead, the Densah burs are rotated in reverse at 800–1,500 rpms and, when coupled with irrigation, hydrodynamically densify bone through compaction autografting or “osseodensification.” The result is a consistently cylindrical and densified osteotomy.

- **Glidewell Laboratories:** From Dr. Jack Hahn, creator of the original tapered implant, the Hahn Tapered Implant System combines clinically proven features with contemporary innovation to meet the demands of modern implant dentistry. Dr. Jack Hahn, center, creator of the Hahn Tapered Implant, speaks to attendees at the AAID about how the implants are designed to make procedures simpler and more predictable.
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<tr>
<th>Product Description</th>
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<tr>
<td>Mineralized Cortico/Cancellous Allograft Blend, 250-1000 microns, 0.5 cc</td>
<td>$79</td>
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<tr>
<td>Mineralized Cortico/Cancellous Allograft Blend, 250-1000 microns, 1.0 cc</td>
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<td>Bone Graft Putty Mineral-Collagen Composite 0.5 cc</td>
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President Alex Miller of Meisinger personally helps AAID attendees find exactly what they need at the company’s booth.

IntraLock’s Jose Estenoz, left, speaks with clinicians about IntraLock’s L-PRF, which can be used in extraction sockets, sinus and dental ridge augmentations, palatal defects and maxillary bone atrophy.

AAID attendees crowd the booth to find out why Versah’s new approach to osteotomies could be revolutionary to primary stability and early loading.

Leah Bushman and Michele Batson of PreXion were on hand at AAID to help attendees learn all about the company’s technology.

Dr. Parsa Zadeh, CEO and founder of Implanova, explains the company’s new technology to an attendee.

Ray Diaz of Salvin Dental Specialties shows off the company’s many products: ‘Everything for your implant practice except the implants!’
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The American Academy of Implant Dentistry recognized three dentists with the highest awards given by the academy during its recently concluded 65th Annual Conference.

Named the recipient of the Aaron Gershkoff/Norman Goldberg Memorial Award was Art Molzan, DDS, FAAID, DABOI/ID. Named after the first two presidents of the academy, the award recognizes outstanding contribution to AAID and the field of implant dentistry.

Molzan, of Cape Coral, Fla., currently is engaged in the private practice of dentistry with an emphasis on dental implants. An honored fellow of the AAID, he became a fellow of the academy in 1990, the same year he achieved diplomate status in the American Board of Oral Implantology/Implant Dentistry. He served as president of the AAID in 2000. A graduate of Ohio State University College of Dentistry, he has been in practice in Florida for 30 years. He is a frequent speaker to the public and professional community on dentistry and is recognized by his peers for his extensive knowledge and skill level.

The 2016 recipient of the Isaih Lew Memorial Research Award is Sebastiano Andreana, DDS, MSc. This prestigious award is presented by the AAID Foundation to an individual who has contributed significantly to research in implant dentistry. Andreana is highly regarded in the field of laser dentistry and implants. He is senior associate editor and reviewer for the Journal of Oral Implantology and serves on the advisory board of the Journal of Laser Dentistry. In addition to serving on the board of directors of the Academy of Laser Dentistry, Andreana also served as co-chair of the academy’s science and research committee.

David Gimer, DDS, FAAID, DABOI/ID, has been named the recipient of the 2016 Paul Johnson Service Award. The Paul Johnson Service Award recognizes outstanding service to AAID as exemplified by the late Dr. Paul Johnson. Gimer was chosen from a half-dozen nominees. He spearheaded the creation of both the original and updated versions of AAID’s Bite of Education program for dental students, which has been given in dozens of schools and led to more than 1,000 student members joining the academy.

Gimer has no shortage of committee participation dating back to 2004, including a stint as trustee member of the board of trustees representing the Central District.

About AAID

Established in 1951, the AAID is the only implant organization that offers dental implant credentials recognized by state and federal courts as bona fide. Its membership, which exceeds 5,500, includes general dentists, oral surgeons, periodontists and prosthodontists from across the United States and in 60 other countries. For more information about the AAID and its credentialed members, visit the American Academy of Implant Dentistry’s website at www.aaid.com or call the AAID at (312) 335-1550 or (877) 335-AAID (2243).
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Please visit us at Booth #900 during the AAO/OMS Implant Conference or visit wh.com/na for additional information.
Misch Institute brings its implant education program to the Glidewell International Technology Center

By Glidewell Staff

The Misch International Implant Institute recently introduced its acclaimed surgical training program at the Glidewell International Technology Center.

Continuing the partnership that began earlier this year when the Hahn™ Tapered Implant was named the Misch Institute's official dental implant system, the inaugural session featured lectures by Drs. Carl Misch and Randolph Resnik, a live surgical demonstration by Dr. Jack Hahn and the interactive hands-on training for which the institute has become known.

Since its inception in 1984, the Misch Institute has been at the leading edge of education in implant dentistry, training more than 10,000 dentists to surgically place implants through its one-year continuum.

Renowned practitioner, textbook author and Misch Institute founder Dr. Carl Misch noted: "Jim Glidewell’s vision and passion for education and elevating the standard of care is closely aligned with mine and our entire faculty, and his world-class education facility is an ideal venue for our courses."

Industry-leading dental laboratory and device manufacturer Glidewell Laboratories launched the Hahn Tapered Implant in 2015 in cooperation with practitioner and implant design innovator Dr. Jack Hahn, who taught courses during the formative years of the Misch Institute.

"I am thrilled to rejoin the Misch Institute as a faculty member," said Hahn, during the inaugural session. "As someone with the utmost respect for what the institute has done to improve the quality and availability of implant dentistry, I am honored that they have chosen my implant system for their unrivaled practitioner education programs."

Resnik, the Misch Institute’s surgical director and chief of staff, was pleased with the program’s launch.

“Our first course at the Glidewell International Technology Center was truly amazing,” he said. “The center’s state-of-the-art lecture facility, surgical suite for live demonstrations, and educational laboratories for hands-on training allowed the Misch Institute to provide attendees with a comprehensive learning experience.”

The Misch Institute’s progressive, hands-on approach to education is exactly what Glidewell Laboratories President and CEO Jim Glidewell had in mind when he built the Glidewell International Technology Center.

“We are privileged and honored to share a partnership in implant education with the Misch Institute,” he said. “Our goal has always been to expand patient access to high-quality care and, in the world of implant therapy, no one has contributed more to that effort than the Misch Institute.”

While the initial program served as an introduction to patient evaluation, treatment planning and implant placement, future sessions will explore the full range of surgical and prosthetic techniques, considerations and treatment protocols.

For more information on Misch Institute course offerings, visit misch.com or call (248) 642-3199. Additional information on the Hahn Tapered Implant can be found by visiting hahnimplant.com or calling (800) 407-3379.
Key Educational Objectives

**Surgery related topics:**
Surgical anatomy and physiology, patient evaluation for implant treatment, risk factors, vertical and horizontal spaces of occlusion, bone density, implant surgical placement protocols, computer guided implant placement and restoration, immediate load techniques, mini implants, bone grafting before, during and after implant placement, alveolar ridge expansion using split-cortical technique, guided bone regeneration, sinus lifting through the osteotomy site and the lateral window, block grafting, BMP-2 / ACS graft with titanium mesh.

**Prosthodontics related topics:**
Impression techniques, restorative steps for implant crown and bridge, implant prosthodontics for the fully edentulous patients, high-water design, bar-overdenture, CAD/CAM designs, biomechanical principles, biomaterials, implant occlusion and more.

**Hands-on & Live Surgeries**
Hands-on pig jaw suturing & bone grafting workshops using regenerative materials are performed by the class & live surgery demos by faculty.

**Program Includes**
300 CE units, program certificate issued by the University of Nevada - Las Vegas (UNLV), hands-on workshops, live surgical demos, online education module with 25+ surgical videos, 25+ PowerPoint presentations, literature review and special product discounts. Breakfast and lunch included.

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Dr. James Rutkowski, PhD, DABOI
Dr. Mamaly Reshad, Prosthodontist
Dr. Christopher Church, MD
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This activity has been planned and implemented in accordance with the standards of the Academy of General Dentistry Program Approval for Continuing Education (PACER) through the joint program provider approval of the UNLV School of Dental Medicine and California Implant Institute. UNLV School of Dental Medicine is approved for awarding RADDACD credit. Provider 25311
Confidence relates to all our activities; it is built on trust, integrity, respect, communication, transparency, collaboration and delivering what we promise. We want to be the partner of choice for tooth-replacement solutions.

For our customers, it means peace of mind because our solutions are predictable and durable. For our employees, confidence means secure rewarding jobs. For our shareholders, it means sustainable returns from a highly ethical business. For the communities in which we operate, confidence means that we care for the world around us as a responsible corporate citizen. For all our stakeholders, it means that Straumann is a reliable partner.

In 2015, Forbes Magazine ranked Straumann among the top 50 most trustworthy companies in Western Europe, which shows that we embrace our vision. We want to be the first place that people come to do business, to find genuine solutions, to turn ideas into reality, to learn, master, succeed and improve lives. This is what being the partner of choice means for us.

Making vision a reality

The way to a sustainable future is mapped out in our three Straumann Strategic Priorities, which form the backbone of our strategy and are constantly monitored and adapted. Making it happen is a matter of culture and behavior. Thus vision, strategy and behavior are the figurative building in which we operate and call our company home.

Simply doing more

The Straumann tradition of “simply doing more” is an integral part of our brand, it is at the heart of these behaviors and is the overriding principle for everything we do.

Focus on implants

In 1954, Reinhard Straumann founded the Dr. Ing. R. Straumann Research Institute AG. Until 1970, the company specialized in materials testing and alloys for timing instruments. Four years later, Straumann presented its first dental implants, including the world’s first one-stage implant. By 1990, Straumann was a leading manufacturer of osteosynthesis implants. A management buyout of the osteosynthesis division in 1990 – leading to the creation of a separate company known as Synthes – marked the beginning of Straumann as it is known today.

Straumann today

In 1998, Straumann Holding AG became publicly traded on the Swiss Exchange. The year 2000 saw the opening of the production site in Villmeret and the Technology Center in Waldenburg. In 2004, Straumann moved to its new global headquarters in Basel. Since 2003, Straumann has expanded its portfolio to include products for oral tissue regeneration, CAD/CAM (computer-aided design and manufacturing), guided surgery and intra-oral scanning.

Our brand is our most valuable asset

The Straumann brand is a recognized value in the markets of implant, restorative and regenerative dentistry. In an increasingly crowded global marketplace, our brand is an essential tool. For more than half a century, the Straumann brand has evolved into what it is today, built on the company’s reputation for reliability, innovation, clinical excellence and service. We strengthen, promote and defend our brand passionately.


Straumann is working on multiple initiatives that will help shape the future of dentistry. Dedication to research has allowed Straumann to deliver meaningful innovations that help clinicians improve the quality of care and life for patients. Straumann values the long-standing trust of customers, working with clinicians to help grow their practices through a variety of channels.

With a full pipeline of innovative technologies, products, services and solutions to address the changing trends in dentistry, clinicians should want to choose Straumann as their commercial partner of choice. At Straumann, the future is today.
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The Advanced Surgical and Prosthetic Master of Oral Implantology Training Program is offered exclusively by the California Implant Institute (CII), in collaboration with the University of Nevada, Las Vegas (UNLV).

The program is designed for the general dentist, as well as specialists in the field of prosthodontics, periodontics and endodontics, who are interested in developing or strengthening essential skills and solid, scientific knowledge in order to provide safe and efficient implant treatments.

Participants benefit extensively from lectures, hands-on cadaver courses and live-patient surgical training courses while growing through input from the world-renowned faculty, expert lecturers and fellow students.

The post-graduate certificate program consists of seven modules: in-class didactic/lecture, hands-on cadaver training, live-patient surgical training, implant prosthodontics live-patient training, oral-sedation certification training, CAD/CAM and computer-guided implant dentistry training and an academic/research module.

Understanding the investment of time, as well as the enormous value that completing such a program will bring to the practice, CII has strategically designed a one-of-a-kind program that allows doctors to configure their own pace and completion schedules. All doctors have the unique opportunity to fully customize the program to best accommodate their availability and have the least impact in their practices back home.

The Master of Oral Implantology Training Program currently has open enrollment and is accepting applications. CII offers a variety of financing options including zero-down, no interest for up to 12 months. For more information or to apply directly online, please visit www.ImplantEducation.net/Master or contact the admissions manager at (858) 496-0574 or by email at natalie@implanteducation.net

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