Art intersects with science at Anaheim dental conference

California Dental Association annual spring meeting is April 30–May 2

As one of the largest dental conventions in the nation, CDA Presents The Art and Science of Dentistry, from April 30–May 2, provides attendees with seemingly countless opportunities. Attendees at the California Dental Association meeting can earn C.E. credit while learning the latest clinical and technological advancements, get a close look at hundreds of West Coast product launches and explore a comprehensive exhibit floor featuring approximately 575 companies.

And, of course, you also get to take the family to one of the most popular attractions there is, Disneyland, which is right across the street from the meeting’s host facility, the Anaheim (Calif.) Convention Center.

New products to fill exhibit hall

The 135,000-square-foot exhibit hall floor at CDA Presents expects nearly 100 product launches this year, enabling attendees to stay current on the latest trends in the industry. Hours are 9:30 a.m.–5:30 p.m. on Thursday and Friday, April 30–May 1, and 9:30 a.m.–4:30 p.m. on Saturday, May 2. Family hours each day are from 9:30 a.m.– noon.

Plenty of time to get to class

In most cases, speakers will end their course 10 minutes prior to the hour to give attendees enough time to walk to their next course. However, CDA Presents is encouraging attendees to allow time in their schedules and not plan courses back-to-back to provide the best possible experience.

In another change this year, for the most popular courses, additional overflow rooms are being added, and reserved-seating options are being expanded (you can reserve seats through cdaevents.com).

More than 28,000 dental professionals and approximately 575 exhibiting companies are expected at CDA Presents, April 30–May 2, at the Anaheim Convention Center. Photo/Robert Selleck, Dental Tribune.

• See ANAHEIM, page A2
World-renowned speakers
Included on the speaker list this year are Pascal Magne, DMD, PhD, and Ge-
rand Chiche, DDS. Magne is a professor of esthetic dentistry in the Division of
Restorative Science at the Herman Ost-
trow School of Dentistry at USC. Chiche is the Thomas P. Hinman endowed chair
of restorative dentistry and director of the Center for Esthetic and Implant Den-
tistry at the Medical College of Georgia
School of Dentistry in Augusta, Ga.

New way to pick up your badge
On-site pickup for badges is different this year compared with recent years. The
‘on-demand’ system was launched at last year’s fall meeting, CDA Presents in
San Francisco. Intent is to eliminate lost badges and tickets and enable attendees
to change registration information right up until the convention without the de-
lay of returning any materials.

Disney tickets
Buy discounted Disneyland Resort theme park tickets at cdapresents.com or
disneyconventionear.com/扎MCDSA
(until 9 p.m., April 29, online only, sepa-
rate from registration, valid from April
27–May 8).
(Source: California Dental Association)
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JULY 30 - AUGUST 1, 2015

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Dr. Rick Ferguson
Dr. Avi Scheidt
Dr. Michael Pikos
Dr. Michael Tischler

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as we launch Paradise Dental Institute,
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Bahamas site of implant training and conference

‘Summers in Paradise’ conference will be from July 30–Aug 1 in Nassau

Nassau, Bahamas-based Paradise Dental Institute formerly launches this July with a live-surgery implant training course followed by a working conference. The working conference, “Summers in Paradise,” which the institute intends to hold annually, will be from July 30 to Aug 1 at the Atlantis Resort and Casino. Themed “Navigating the Past, Sailing to the Future,” the conference will explore the exciting but challenging world of implant dentistry. The institute will feature its faculty members as speakers (“captains”) and also have guest speakers, with sessions ranging from an introduction to single-tooth implants to full-mouth reconstruction surgery and prosthetics.

The speakers will navigate traditional, sound surgical practices of the past and sail to guided treatment planning and surgery, which are both the present and future of dentistry. The three-day working conference will help dentists improve their ability to diagnose, treatment plan, perform surgery, manage post-surgery needs (including potential complications) and deliver a final prosthesis. The interactive sessions will provide dental professionals — whether new or experienced with implant dentistry — with a deeper understanding of the “when, why and how.”

Following is the conference schedule:

• July 30: “Introduction to Implants and Soft-Tissue Grafting” with speakers Dr. Rick Ferguson and Dr. Avi Schetritt.

• July 31: “Predictable Impression Taking and Temporization” with speaker Dr. Stace Lind.

• July 31, 6–9 p.m.: “Official Launch Party” (all-white attire on the beach).

• Aug 1: “Guided and Non-Guided Full-Mouth Reconstruction — Implant-Supported Zirconia Bridge Surgery and Prosthetic Parameters for Success” with speaker Dr. Michael Tischler and “Maxillary Arch Regenerative Strategies — Single-Tooth to Full-Arch Reconstruction” with speaker Dr. Michael Pikos.

Each day will include continental breakfast from 7–8 a.m., lectures will be from 8 a.m.–1 p.m., with breaks in between. Lunch and exhibit-only hours will be from 1–3 p.m., with a live calypso band, local and American cuisine and a happy hour with the exhibitors. After 3 p.m., guests can continue with happy hour or explore Atlantis. Friday night is the official launch with an all-white-attire beach party and cultural entertainment.

Bringing families is encouraged. Atlantis has something for everyone, and the group rate ($226 per night, including spouses and children) is available three days before and after the conference.

The Summers in Paradise conference will be at the Atlantis Resort in the Bahamas this summer. The conference is being presented by Paradise Dental Institute, www.paradisedentalinstitute.com, (844) 229 - 7192. Photo/Provided by Paradise Dental Institute

By Paradise Dental Institute Staff

INDUSTRY EDUCATION

Photo/Provided by Paradise Dental Institute

'Summers in Paradise' conference will be from July 30–Aug 1 in Nassau

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'Summers in Paradise' conference will be from July 30–Aug 1 in Nassau
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JDIQ courses in French/English

The Journées Dentaires Internationales du Québec, Canada’s largest bilingual dental meeting, according to organizers, is from May 22–26 (Friday through Tuesday) in Montréal. Online registration is available at www.odq.qc.ca.

Meeting apps for Apple and Android phones and tablets can be downloaded through www.odq.qc.ca, the App Store or the Play Store. On-site at the meeting, free Wi-Fi will be available to all delegates and exhibitors at the venue, the Palais des congrès de Montréal.

The meeting’s educational program has more than 125 prominent speakers from Canada, the United States and Europe presenting approximately 75 educational sessions in English and French during the five-day convention.

Among the educational sessions:
- Many other lectures and workshops are scheduled, with details in the program online.

225 companies, 500 booths
The exhibition hall will feature more than 225 companies in 500 booths in the 133,563-square-foot space.

More than 2,000 company representatives will be on hand to help you see, compare and make decisions on new furniture, equipment, instruments, techniques and other products and services — all under one roof.

One C.E. hour per day can be earned by visiting the exhibit hall. Just be sure to have your badge scanned at the entrance.

The exhibition hall hours are 8 a.m. to 6 p.m. on Monday, May 25, and 8 a.m. to 5 p.m. on Tuesday, May 26.

The organizers invite you to join the more than 12,000 expected delegates to meet, learn, share and enjoy this gathering of friends and colleagues.

(Area Source: JDIQ)

AAPD to be in Seattle, May 21–24

Pike Place Market, the Space Needle, the EMP Museum and some of the top thought leaders in pediatric dentistry are among the reasons to be in Seattle May 21–24 for the American Academy of Pediatric Dentistry (AAPD) annual session.

Scientific sessions are at the Washington State Convention Center, in the heart of downtown, adjacent to hotels, restaurants, nightlife and shopping. Taking advantage of the location, the welcome reception on Thursday, May 21, features exclusive access to the Space Needle, EMP Museum and Chihuly Gardens.

The keynote, on May 22, features Frank Abagnale with “The True Story of Catch Me If You Can.” An authority on forgery, embezzlement and secure documents, Abagnale became an expert of sorts 40 years ago as a world-famous con man, as depicted in his best-selling book, “Catch Me If You Can.” Leonardo DiCaprio and Tom Hanks starred in a Steven Spielberg film based on the book.

Three-day exhibit hall
Products and services in the meeting’s exhibit hall will be geared toward pediatric dental practices. An AAPD booth will have a bookstore, which will have copies of the Coding Manual, the new pediatric dentistry handbook. Also in the exhibit hall will be the Healthy Smiles, Healthy Children Donor Lounge, where you can learn more about Access to Care Grants and donate to its supporting foundation.

A hospitality area on the exhibit hall floor will offer a continental breakfast, and there will be complimentary beverages each morning and afternoon and lunch available for purchase.

You can register for the meeting online by visiting www.aapd.org/annual.

(Area Source: AAPD)
Florida Dental Association meeting goes ‘Beyond the Tooth’

The Florida Dental Association will hold its annual meeting, the Florida Dental Convention (formerly the Florida National Dental Convention — FNDC) at the Gaylord Palms Resort & Convention Center in Orlando from June 11–13. This year’s scientific program is themed “Dentistry Beyond the Tooth — Career & Life in Balance.” With more than 100 lectures, 33 workshops and three mini-residencies, there should be something for every dental team member.

Each day begins with a “High Energy — High Impact” speaker, selected for demonstrated ability to move and inspire. Dentist, life coach, nutritionist and athlete Uchi Odiatu opens on Thursday with “Living Your Dreams.” On Friday, Dave Weber presents “Conquering Your Goliaths.” Morris Morrison will be the final keynote on Saturday with “Lead-ur-ship Starts With You.”

Courses and workshops, many worth C.E. credit, are designed to help you and your team incorporate emerging technology and techniques to optimize skills, business growth and team building. Topics include composites, one-step dentures, sleep dentistry, head-and-neck dissection, cone-beam anatomy, HPV and biofilm control and prevention.

New this year are courses for new dentists, a “free” dental hygiene C.E. course on Saturday and one-hour “hot topics.” The nightly parties are designed to be family friendly and include a “magical” night out at Disney’s Magic Kingdom on Saturday.

Learn more at www.floridadentalconvention.com or call (800) 877-9922.

(Source: Florida Dental Association)

AGD gathering features new continuing education tracks

At AGD 2015, from June 18–21 in San Francisco, the Academy of General Dentistry (AGD) intends to not just embrace “constant change,” but celebrate it.

The meeting, at the Moscone West Convention Center in San Francisco, will showcase new technologies and C.E. courses for dentists and staff.

Keynote speaker Terry Jones, founder of Travelocity.com and Kayak.com and executive chairman of Wayblazer, will share insight on creating a culture of innovation and embracing opportunities in today’s age of information. The presentation is sponsored by Colgate.

Innovation will be on display at “Modern Practice for Today’s Patients” presented by Henry Schein Inc. Located in the exhibit hall, this display invites attendees to imagine the possibilities of a technologically enhanced dental office. Visitors will be able to try out cutting-edge equipment, use patient management software and see aesthetic options for transforming a practice space.

Clinical and research e-poster presentations feature captivating digital displays by today’s dental students and residents presenting ideas for shaping the dental landscape of tomorrow.

New C.E. tracks will enable dental team members to focus on specific subject areas, such as endodontics, implants and special-patient care. Also new will be a 90-minute live-patient dental implant course hosted by Engel Institute founder Todd B. Engel, DDS, and fundamental and intermediate Invisalign® courses for dentists and their teams.

Friends and family can attend the “President’s Celebration to Honor Fellows and Masters” for dining and live music and the AGD Foundation’s “5K Fun Run/Walk” for oral cancer awareness and research.

Register at www.agd2015.org. The official hotel is the San Francisco Marriott Marquis. Early reservations are encouraged, at resweb.passkey.com/go/AGD2015, (877) 622-3056 or (415) 896-1600 (international).

(Source: AGD)

Visit booth No. 2621 at CDA Presents to find out everything you need to know about the Pacific Dental Conference. Then plan to join colleagues in Vancouver, March 17-19, 2016, at the Vancouver Trade and Convention Centre. You’ll experience the festive spirit of St. Patrick’s Day in the true flavor of Canada’s West Coast while also earning C.E. credits. The PDC has an expert lineup of local, North American and international speakers. With more than 50 presenters, 50 open sessions and 36 hands-on courses, covering a variety of topics, there is something for every member of the dental team. Explore the largest two-day dental tradeshow in Canada and get the first chance to see the newest equipment in Canada.

(Source: Pacific Dental Conference)
Bar and counterbar system with composite veneering illustrates interaction of analog and digital dentistry

By Giuliano Bonato, Dental lab owner, Italy

At times, dentists send my dental lab a prototype (a copy of the provisional item tested in the patient’s mouth), asking us to finalize it and make a definitive product. It is interesting in such cases to see how manual finishing skills intersect and integrate with advanced digital tools and machines — confirming that the “mouse operator” also needs a solid background as a “dental technician.”

Early concerns that machines would ultimately deprive dental technicians of their central role have given way to acknowledgement that the dental technician’s hand is essential, especially in complex work requiring precision and customizing — at least for the immediate foreseeable future.

Only a dental technician’s mind can easily switch between digital and manual tasks to produce — with the dentist — high-quality products suited to the final and primary goal: preservation of the patient’s oral health.

The following case highlights this interaction between manual work and now-essential CAD/CAM systems. The case is not unusual: Lab assistance was requested of us after implant of a provisional prosthesis that was made by another laboratory. The request was for a final prosthesis with a primary bar in titanium, screwed onto implants, and a counterbar, also in titanium, with retention clips. The specialist requested composite veneering material.

After a master model was developed, we then improved proportional aspects, alignment of the teeth and esthetics of the product wherever possible. Everything was “recorded” via a silicone mask, packed inside a verticulator system (Fig. 1). This “recording” enables us to store, with accuracy and repeatability, the shape and volume of the product. Through the mask on the verticulator, we mold an acrylic (or composite for a provisional item) duplicate on the model. In the latter case, the milling enables discarding of the necessary amount of volume, creating the right design for a suitable support for future veneering with a composite esthetic material.

The resulting prototype was sent to the milling center to be scanned — and using an innovative technique — “virtually divided” into a primary bar and a counterbar, adding retention clips in a single file (Fig. 2). This ability with CAD/CAM systems to design, produce and mill the two units at the same time, on the same titanium disc, achieves excellent coupling precision.

![Fig. 1](image1)

![Fig. 2](image2)

Photos/Provided by Giuliano Bonato
The initial virtual design, displayed with a 3-D program, enables the technician to analyze and make note of crucial aspects arising from CAD modeling. Everyone communicates remotely and simultaneously, with the same images on everyone’s monitors, enabling careful configuration of the structure’s design. With this case, adjustments were made to the volume and extent of future pink flanges of the prosthetic body and optimized, by advantageously varying the position, the retention clips (ball-attachment), embedding them in adequate volume areas within the counterbar.

To prepare the device for the practice’s functional and esthetic testing, the portion of prosthetic body was partially reduced in thickness using the micromotor, and pink wax was added. Testing also enables the patient to clearly see the boundary between the pink gum and the arch of the teeth (Fig. 3). The dentist/specialist checks accuracy of fit, articulation with the antagonist and functionality of eccentric movements.

For the transformation of the esthetics, we use a joint casing in the mold with a sili- cone base sufficient to place the counterbar. Simple steel wire sections (for hooks) with a diameter of 0.9/1.0 mm applied on the model act as channels for injecting the composite. With this case, once the base silicone mold was isolated and the joint casing lid closed, we were ready to cast the transparent silicone (22 shore hardness). Polymerization of this takes place under pressure (4/6 bar) for 30 minutes (Figs. 4, 5).

The counter die, separate from the base, was put aside, and we used the micromotor for milling, preparing the cut of the enamel on the model. The aim was to create sufficient space to be able to insert the characterization between dentin and enamel, with effects and contrasts to highlight transparencies, color and mamelons.

Using a second cover (having prepared the injection channels again), we proceeded as in the previous phase to the casting of the transparent silicone.

This technique provides obvious advantages. First, we will be able to use the initial prototype/model in every way, thus avoiding repeating any phases. The material reduction for the enamel cut, carried out with the micromotor, reduces risk of hitting the metal in the structure. With practice, it’s possible to correctly calibrate the volume between dentin and enamel, for inserting the color effects. Going back to the practical phases, we can now free the armor and treat the trial by sandblasting (Al2O3), silicification, salinization and laying of the opaque, curing and self-curing (Fig. 6-8).

A first application of colored dentine, with joint casing open, created more depth in the holes of diatomic teeth and in interproximal areas. To intensify the color of the canines, we applied a type of “shell” with a more intense color mass so that the dentin, once thinly injected, reveals a color with a more pronounced tone.

Everything was pre-polymerized through a “quick” device to proceed to closing the joint casing. The spout of the syringe was inserted, then starting from one of the more distal injection channels, we extruded the material. Because of the transparency of the counter die, we were able to confirm complete filling of the space with the dentin mass. If necessary, we can use the other channels by progressively moving the syringe into the other holes (Figs. 9, 10). The joint casing, being filled in this way, must be kept in the dark for 10 minutes before proceeding with curing, enabling release of any small excess of injected material (Fig. 11). Being able to accurately calibrate the exact amount of material needed to fill the cavity reduces waste.

Once curing was complete (a few minutes is enough), we separated the counter die and, without touching the dentin, cut the injection channels with a scalpel. This characterization phase, with the creation of contrasts by inserting colored and trans- parent masses, is typically considered the most creative part of the transformation process (Fig. 12).

Keeping the surface “dispersion phase” of the pre-polymerized composite intact maximizes adherence of the characterization and the enamel injected in the counter die (with the complete anatomy of the arch). Again, with the joint casing closed, the transparency enables identification of spaces that need to be filled by injecting enamel through the provided injection channels (similar to Figs. 9–11). As previously noted, it is good practice to let the joint casing “rest” in the dark for 10 minutes to let any excess injected material flow from the channels.

Pre-polymerization takes about one minute with the cover. Once removed from the mold, the product is again exposed to light as recommended by the manufacturer’s instruc- tions (Figs. 13–15). Accuracy of the materials used, combined with the described transformation system, does not allow chewing mounts to be inserted. The more accurate the model-
INDUSTRY NEWS

For the first time anywhere, Designs for Vision is introducing the Micro 3.5ef Scopes at CDA Presents, April 30–May 2 in Anaheim. The Micro 3.5ef Scopes has 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.

“We listened to dentists who wanted the field of view of an expanded-field 3.5x telescope, but were concerned about wearing them all day because of the size and weight,” said Designs for Vision President Richard Feinbloom. “Designs for Vision was started by my father, Dr. William Feinbloom, as an optical company in 1961 to design innovative head-borne optical devices, and the new Micro 3.5ef Scopes continues that tradition of optical innovation. The California Dental Association meeting has always provided a great place to showcase new technology, and we are pleased to be debuting the Micro 3.5ef Scopes at CDA along with our other new products.”

Feinbloom said the company always looks to showcase new products at CDA, and this year introductions also include the NanoCamHD™ loup-mounted video camera and two new frames: Nike® Retro and DVI Sport frames.

NanoCamHD records digitally at 1080p high-definition resolution

“This is a unique opportunity to reach an important target market to introduce a major electro-optical innovation,” Feinbloom said. Designs for Vision’s new NanoCamHD records digitally at 1080p high-definition resolution. The NanoCamHD records magnified HD images from the user’s perspective. The complete system includes 2.5x, 3.5x and 4.5x lens systems to match the magnification you are using, providing a true user’s point of view.

As an added feature, still photographs can be taken from live video feed or during playback mode. The video or still images can be uploaded into a patient file, included in a presentation or course, or shared with a colleague or laboratory for collaborative consultations.

Headlight and foot-pedal controls

The NanoCamHD complete system includes a color-corrected ULTRA Mini LED DayLite® headlight. The combination headlight/NanoCamHD can be attached to loupes or worn on a lightweight headband.

The system also includes a foot pedal to enable hands-free operation of the NanoCamHD. Record/pause, mute/unmute and still photography are controlled by the operator hands-free via the foot pedal. For best results, combine the NanoCamHD with Designs for Vision’s dental telescopes — matching true magnification levels of 2.5x, 3.5x or 4.5x, which produce the most realistic simulation from the user’s perspective.

Two new frames

The new Nike Retro frames, exclusive to Designs for Vision, are available in tortoise shell, black and translucent gray. The company describes the Nike Retro as having a classic look and excellent function. The DVI Sport frames can be used for all magnifications and can incorporate eyeglass prescriptions, providing the protective wrap without any distortion.

The NanoCamHD can be attached to the new Nike Retro or DVI Sport frames.

Feinbloom invites attendees at the 2015 CDA Presents meeting in Anaheim to visit the Designs for Vision booths in the exhibit hall, Nos. 846 and 1204, to “See the Visible Difference.®” themselves.

(Source: Designs for Vision)
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By Nadean Burkett, for Dental Equities

It is estimated that more than 20 million teeth are extracted each year in the U.S. Although it is considered a routine procedure, it is also one in which the most complications occur, including infection and pain, which can lead to discord in the doctor-patient relationship. Is it any wonder that extractions are the procedure most feared by patients and most frequently referred out by general practitioners?

To address this challenge, Nexus Dentistry developed the Extraction Academy. Dr. Gregory Greenwood, chief dental officer of Nexus, is an internationally renowned lecturer on the latest trends in oral, IM, IN and IV conscious sedation in dentistry and a mentor to clinicians who want to improve their knowledge and skills in surgical procedures. This is particularly relevant in tooth extraction, which arguably is among the most difficult procedures to perform successfully.

Development of the Extraction Academy program was a collaboration with Greenwood’s colleague, Dr. Kianor Shah, who was the visionary of the project. Although every dental school teaches students how to extract a tooth, it is stigmatized by the public as the most brutal dental procedure. Greenwood and Shah share the belief that just because all dentists are trained to extract teeth does not mean that they should. With current advancements and technology available, extractions can be done safely and more comfortably for the patient. The techniques taught to post-graduates through the Extraction Academy include both theory and hands-on techniques, which enable clinicians to safely and effectively perform extractions for their patients with confidence.

Extraction Academy will present a one-day, hands-on workshop on May 3, immediately following CDA Presents in Anaheim, Calif. For details, visit www.EXTAcademy.com.
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CDA Booth #
1204 and 846
Flow Dental builds on digital imaging line

By Flow Dental Staff

Conversion from film to digital takes many forms. It’s not just the dental office that is moving from film to digital imaging. Flow Dental, a leading manufacturer of dental film and film accessories, has also transformed its product portfolio to include unique products essential to every dental practice that has gone digital.

“We determined that our relevancy in a digital world would hinge on our ability to provide dentists with accessories that improve sensor or PSP usage and augment procedure workflow (no pun intended),” said Bill Winters, president of Flow. “Dentists have really responded to our digital products. They recognize the added value we put into each product. They don’t buy our products based on price, they buy based on the benefits to their practice and their patients.”

In today’s PSP market, for example, one out of every eight phosphor plate users relies on Flow’s Safe’n’Sure line of PSP envelopes. Safe’n’Sure’s three product styles each offer time-saving solutions to enhance throughput and productivity, while helping to extend the life and usage of the phosphor plates.

In the sensor area, Flow also distinguishes itself. At CDA Presents, Flow will introduce the innovative Slide’n’Stick sensor slippers. Slide’n’Stick enables dental professionals to quickly convert RAPiD or XCP film bite block into a universal sensor bite block. It’s easy to use, economical and allows the dental staff to continue to use the rings, arms, and bite blocks they’re comfortable with!

Other sensor accessories include new Snuggies adjustable sensor sleeves. With Snuggies, the user can cinch-tight the sleeve around the sensor, regardless of sensor size or thickness. It’s little things like that which add to office productivity and reduce expensive sensor repairs or costly replacements.

Sensible’s adjustable sensor positioner is also available. The Sensible bite block can be adjusted to the midline of any sensor, whether horizontally or vertically placed. It’s the only sensor positioner that can do all this.

And Flow is far from finished reinventing itself. “As a family-owned business, much like the majority of dental offices we service, we are proud to be a valued provider of unique and elegant products. And the best is yet to come!”

For more information on Flow’s products, visit www.flowdental.com or contact your local dealer.

The National Dental Association’s HEALTH NOW™ project (Health Equity, Access, Literacy, Technology and Hope National Outreach on Wheels) was formed to improve health and achieve health equity in underserved and vulnerable populations. It takes to scale key features of the Deamonte Driver Dental Project (DDDP), the award-winning regional children’s program launched by NDA members in 2008 for Prince Georges County, Md. The project includes dental, medical and vision care; targets underserved children, adults and the elderly; promotes interprofessional Total Health Teams; and relies on public-private partnerships. Programs are currently active in Chicago, Dallas, New York and New Orleans. Learn more and donate at www.ndaonline.org/healthnow.
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Meeting preview

Time for AAE15

Registration is now open for AAE15, the annual meeting of the American Association of Endodontists (AAE), taking place May 6 to 9 at the Washington State Convention Center in Seattle. The AAE’s annual meeting is billed by the association as “the most comprehensive endodontic education summit, vendor exhibition and networking opportunity in the world.”

“AAE15 will provide our members and guests with outstanding education, entertainment and networking events,” said AAE President Dr. Robert S. Roda. “Our program will focus on future trends and growth to help practitioners prepare for the next generation of advancements in the art and science of endodontics.”

AAE15 offers more than 100 high-quality educational sessions in a variety of tracks, including “Future Directions on Nonsurgical Root Canal Treatment,” “Surgical Endodontics — What Lies Ahead” and “Where Will Biology and Technology Take Endodontics?” Attendees also can register for hands-on workshops featuring leading experts in microsuturing, cone-beam-computed technology and resorption. In addition, AAE15 includes the largest endodontic exhibit hall in the world, with nearly 100 vendors offering the latest in endodontic equipment, materials and supplies.

Consistent with the meeting’s future-looking theme, the keynote speaker for AAE15 is Dr. Michio Kaku, best-selling author of “The Future of the Mind,” who will share his vision for the future of science and technology during the General Session. Other special events include the President’s Breakfast, the Louis I. Grossman Ceremony, recognizing the newest diplomates of the American Board of Endodontics; and the Edgar D. Coolidge Luncheon, honoring the AAE’s 2015 award winners.

New this year is a comprehensive website — located at www.eventscribe.com/2015/AAE15/ — that is designed as the primary source of information for meeting attendees. Improved from previous years, the AAE15 itinerary planner lets you quickly find sessions and browse complete course descriptions; customize your itinerary, “favorite” sessions and schedule reminders; get on-site notifications, including changes and big announcements; and navigate the exhibit hall with an interactive floor plan.

(Source: AAE)
EDS introduces Tango-Endo

Essential Dental Systems (EDS) recently announced a new endodontic system — Tango-Endo. “With new Tango-Endo, it only takes two instruments,” the company says. “Tough and reusable Tango-Endo instruments boast a unique, patented flat along the entire length. This flat allows for faster engagement with less resistance and increased flexibility without sacrificing strength, and it virtually eliminates instrument separation.”

The Tango-Endo system includes its own reciprocating handpiece. The latch-type handpiece is designed to aid in the prevention of binding and to assist in preserving the canal’s unique anatomy, according to EDS. The kit also includes precision-matched gutta-percha points. The Tango-Endo Introductory Kit is available immediately through dental dealers worldwide. More information is available at www.edsdental.com/tangoendo or by calling (201) 487-9099.

(Source: Essential Dental Systems Inc.)
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AO brings together specialists, GPs

Nearly 2,000 clinicians from 54 countries discuss implant science, guidelines and evidence supporting optimal patient care

By Academy of Osseointegration Staff

Nearly 2,000 clinicians from 54 countries attended the Academy of Osseointegration’s 30th annual meeting from March 12-14 in San Francisco. Photo/Provided by the AO

Nearly 2,000 clinicians from 54 countries attended the 30th annual meeting of the Academy of Osseointegration (AO), from March 12-14 in San Francisco. With the theme of “Science, Collaboration and Clinical Excellence for 30 Years,” the event featured presentations from internationally renowned speakers offering their experience and expertise in dental implants and tissue engineering.

This year’s meeting also showcased a record-breaking amount of research and a sold-out exhibit hall.

“Every year, I keep coming back because it’s eye opening every time,” said Dr. Luigi Massa, a general dentist from San Antonio. “Dental school gave us the basics, but AO has definitely opened the door to what is possible.”

Save the date for the next annual meeting, Feb. 18-20, 2016, in San Diego, titled “Globalization of Implant Dentistry: A World Collaboration.”

See AO, page C2

California Implant Institute presents live patient surgical courses in Mexico

By California Implant Institute Staff

The California Implant Institute is pleased to present five-day, Level I and Level II comprehensive live patient surgical externship courses in Baja California, Mexico, this year.

Level I course
Attendees of the Level I course will implement step-by-step implant surgical protocols on live patients under the supervision of Louis Al-Faraje, DDS, and additional faculty.

The four-day course will include eight hours of lectures on diagnosis and treatment planning of implant cases (around two hours each morning). Each attendee will place 10-15 implants and assist with multiple implants on live patients.

Course participants will increase their knowledge and skill in the areas of flap design, alveoloplasty, implant placement, bone grafting and suturing techniques. Upon completion of the externship, attendees will have smoother transition from the classroom to surgically placing implants in their own offices.

All patients are carefully selected by the California Implant Institute faculty, and CT scans are provided for all patients. During the last program, 15 participants placed more than 170 implants, including immediate and computer-guided placements, and performed multiple bone-grafting procedures.

Level II course
Attendees of the Level II course will im-

See INSTITUTE, page C2

A look at surgical implant placement by recent participants of the live patient surgical courses provided by the California Implant Institute.
create their knowledge and skill level in the areas of advanced implant surgical techniques, including lateral-window sinus lifting, maxillary and mandibular ridge expansions, CT graft and block grafting. Level II participants will work also with Piezotome and CO2 laser units, which are available at each Level II working station. Attendees will add units, which are available at each Level II working station. Attendees will add units, which are available at each Level II working station. Attendees will add units, which are available at each Level II working station. Attendees will add units, which are available at each Level II working station.

Upcoming courses

The live patient surgical externship in Mexico is provided four times a year. Each of the Level I and Level II programs offer 40 C.E. credits. Complete information on the externship, including tuition, testimonials, staff bios, accommodations and location, can be found at www.implanteducation.net, by calling (858) 496-0574 or by e-mail at info@implanteducation.net.

Academic director

Dr. Al-Faraj is a private practitioner as well as the founder and director of the California Implant Institute, which conducts a one-year fellowship program in implant dentistry. He is a fellow of the American Academy of Implant Dentistry and a diplomate of the International Congress of Oral Implantologists and the American Board of Oral Implantology.

AO honors Professor Brånemark

“He was hypnotizing,” said Dr. Burton Langer, a periodontist from New York City, one of many who gave tribute to Professor Per-Ingvar Brånemark during a special video that played before the opening symposium and memorialized his life.

In the video, AO Past-President Dr. Joseph Gian-Grasso says: “It is because of Professor Brånemark that the Academy of Osseointegration exists, and we aspire to encompass his passion and to continue his lifelong work to enhance oral health globally.”

Following the video, Osseointegration Foundation President Dr. Clarence Lindquist presented the eighth Nobel BioCare Brånemark Osseointegration Award to Dr. Stephen Parel, noting the award will now be given in memory of Brånemark.

That evening, more than 140 young professionals gathered at the trendy 111 Minna Gallery for a special event hosted by AO’s Young Clinicians Committee (YCC). “We’re pleased to contribute to AO’s growth and influence by bringing together committed young professionals to share their ideas and opinions,” said Lauren Brownfield, chair of the committee.

To learn more about the YCC, visit www.osseo.org/NEWyoungClinicians.html.

AO examines, guides and explores

Day two kicked off with the “Morning Session: Six Articles That May Change Your Thinking,” in which Dr. Clark Stanford, an endodontist from New York City, presented six concurrent sessions led by world-renowned experts.

Among them, the editor in chief of the International Journal of Oral & Maxillofacial Implants (JOMI) presented a session titled “JOMI: Six Articles That May Change Your Thinking.”

The afternoon featured the “Focus on South Korea Symposium,” which included several presentations delivered by renowned dental experts from South Korea, a country that boasts the world’s highest per capita use of dental implants.

Afternoon programming also included the track “Science in Treatment: Where’s the Evidence?” in which Dr. Clark Stanford gave a presentation focused on “Drawing a Line in the Sand” surrounding the treatment and management of the edentulous maxilla. The information addressed outcomes of AO’s 2014 Summit, which generated 12 upcoming papers to be published in JOMI.

That evening, nearly 3,000 attendees celebrated 2014-15 AO President Gian-Grasso as his presidency drew to a close. They strolled galleries, tinkering with interactive exhibits and enjoying lively entertainment and conversation with colleagues at the Explorerarium.

About the AO

With 6,000 members in 70 countries around the world, the AO is recognized as the premier international association for professionals interested in implant dentistry. To learn more, visit www.osseo.org.
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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 Sessions
Hands-on workshops will be provided on models and pig jaws.

LIVE Surgeries
Selected LIVE surgical procedures will be performed during the program.

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