Thousands of clinicians and supporting staff descended on the grounds of Caesars Palace in Las Vegas to attend the American Academy of Implant Dentistry’s 64th Annual Educational Conference from Oct 26-29.

This year’s AAID’s meeting, “Where Classic Principles Support Cutting-Edge Implant Dentistry,” aimed to provide “practical education for the practicing implant dentist.” Topics included the science of implant dentistry; pharmacology of implant dentistry; future of dental implants; soft-tissue management, formulas for success, management of complications; and much more.

Many of the educational sessions drew crowds, such as Dr. Carl Misch’s keynote address, “Extract and Immediate Placement,” which focused on immediate temporization, risk management for immediate implants in extraction sites and guidelines for extraction and immediate implant placement.

Another session that drew great interest was Dr. Jaime Lozada’s seminar on “3-D Printing Technology in Implant Dentistry,” which featured actual use of a 3-D printer on site during the session.

The exhibit hall was brimming with new products and technology created to make implant dentistry simpler, faster and more successful.

One such new technology was X-Guide Dynamic 3-D Navigation System by X-Nav Technologies. The AAID was the first show that the X-Guide appeared at since receiving its FDA clearance in mid-October.

The X-Guide system is designed to elevate the surgeon’s control and precision during the entire implant process, including planning and placement, said Michelle Jackson of X-Nav.

Interactive, turn-by-turn guidance during live surgery gives clinicians the ability to visualize precise movements of the handpiece during osteotomy and implant delivery for more exact implant placement. “It’s like GPS for the drill,” according to Jackson.

Another innovative new product at the AAID was the Restful Jaw®, an easy-to-use, clinically proven device that supports the jaw during treatment. Designed by dental researcher and educator Dr. Eric L Schiffman, the device has been tested in clinical trials for more than a decade.

“One of our clinicians said it best: You may not need it for every client, but when you need to use it, it can be a real lifesaver,” Schiffman said.

AAP to host annual meeting in Orlando

The American Academy of Periodontology will host its 66th annual meeting in Orlando from Nov. 14-17 at the Gaylord Palms Resort & Convention Center.

With thousands of periodontists, hygienists, dental students and researchers in one place, this year’s annual meeting is about more than lectures and workshops; it provides an opportunity to learn, share, and network with like-minded dental professionals from around the world, according to AAP President Joan Otomo-Corgel.

Show attendees can count on a wealth of continuing education opportunities (more than 25 C.E. hours) and informative fare to suit each individual’s tastes. Whether you’re interested in treatment techniques, emerging technologies, scientific advancements, practice development or clinical applications, there is a place for you.

AAP event planners say the Gaylord Palms is rolling out its red carpet for those attending this flagship academy event. Day-one festivities culminate in a come-as-you-are welcome reception to be held after sunset on the Coquina Lawn, bringing your most comfortable sandals and your favorite tropical attire.

Otomo-Corgel also says the AAP is excited to present special opportunities designed for those at all levels of the dental profession. Once again, the AAP will host a symposium for dental hygienists on Nov. 14. This special series of lectures recognizes the role of hygienists in oral health care, equipping them with the latest information on such topics as periodontal disease and regenerative periodontics.

The AAP will also host programs geared toward emerging periodontal professionals, including those who are just beginning to practice and those who have recently completed or will soon complete residencies. One such program is a dedicated symposium, presented in conjunction with the AAP Foundation and the Osteology Foundation.

For more on the annual meeting, visit www.perio.org.
Scenes from the AAID

Seminar attendees gather to check out the 3-D printer before Dr. Jaime Lozada’s session on ‘3-D Printing Technology in Implant Dentistry’ at the AAID Annual Educational Conference. Photos/Sierra Rendon, Managing Editor

Kevin Kim, president of DoWell Dental Products, helps an attendee at the company’s booth at the AAID.

Dr. Eric Schiffman models on Dr. Johnson how to use the Restful Jaw, an easy-to-use, clinically proven device that supports the jaw during treatment. The product, which Schiffman designed and created, was exhibited during the AAID conference.

Matius Viale Ochoa at the Microdent booth.

The Glidewell team — Jimmy, Monica, Suzanne and Dr. Paresh Patel — helped attendees learn about Hahn implants during the AAID conference.

Tell us what you think!

Do you have general comments or critique you would like to share? Is there a particular topic you would like to see featured in Implant Tribune? Let us know by e-mailing feedback@dental-tribune.com. We look forward to hearing from you! If you would like to make any change to your subscription (name, address or to opt out), please send an e-mail to c.maragh@dental-tribune.com and be sure to include which publication you are referring to. Also, please note that subscription changes can take up to six weeks to process.
Follow nature's contour

OsseoSpeed™ Profile EV
— A unique implant specifically designed for sloped ridges

OsseoSpeed Profile EV is specially designed for efficient use of existing bone in sloped ridge situations.

- Provides 360 degrees of bone preservation maintaining soft tissue esthetics
- Can help to reduce the need for bone augmentation
- Components designed to allow for accurate identification of the implant position throughout the treatment process

OsseoSpeed Profile EV is an integral part of the new ASTRA TECH Implant System™ EV and is supported by the unique ASTRA TECH Implant System BioManagement Complex.

For more information visit
www.jointheev.com

www.dentsplyimplants.com
The Henry Schein Surgical Solutions booth.

Emiko Ota and Esther Lee show attendees the new Osada XL-S40 at the Osada booth.

From left, Steve Wright, Ed Mills and Gisela Landreville at the Keystone booth.

Lending Club's Jennifer Molette, left, and Kim Hawkins at the booth.

Matt Miller helps an attendee at the Meisinger booth.

Chris Totty and others help a crowd of attendees at the Salvin booth.

MEISINGER's 6th Annual High Altitude Comprehensive Implant Symposium
February 3rd - February 6th 2016
Vail, Colorado, USA

Sign Up Today Online at www.meisingerus.com
$1,695
Total confidence for you and your patients

BruxZir® Solid Zirconia
Full-Arch Implant Prosthesis

$2,995*
Per arch, complete with full-arch implant provisional
Copy-mill from your approved denture set-up $1,695

NEW!

BruxZir® Partial-Arch Implant Prosthesis
$1,795* (5–7 units)
Complete with implant provisional

7-year warranty provides free replacement from the stored digital data if material damage occurs.

PATIENT PRESENTATION SAMPLE
Call us to order an actual BruxZir Solid Zirconia 12-unit sample for $619* or an 8-unit sample for $439*

BruxZir Solid Zirconia has maximum durability with no porcelain overlay, denture teeth or acrylics to fracture. The material is hypoallergenic and has been shown in clinical studies to be wear-compatible with enamel.¹

¹Clinicians Report, TRAC Research, July 2014

*Price does not include multi-unit abutments, shipping or applicable taxes.

For more information
888-786-2177
www.glidewelldental.com

GLIDEWELL LABORATORIES
Premium Products – Outstanding Value
Never stop dreaming
Never stop evolving

Scientific Research
- affiliations with 53 international universities
- 370 scientific publications

Research & Development
- 43 successful years of R&D
- 62 new projects in 2015
- 7% revenues reinvested in R&D

Italian Technology and Production
- 12,600 items managed daily
- 43,000 ft² state-of-the-art manufacturing facility

Quality Control
- quality control on 100% of all manufactured items
- 1,400 implants analyzed daily under SEM

Global Distribution
- markets in 30 countries
- 490 training days last year
- 2,400,000 implants placed worldwide

Now in the USA.

Sweden & Martina
Implantology

A FAMILY-OWNED COMPANY, SINCE 1972
To accommodate the growing demand for dental implant training and education, the Academy of Osseointegration (AO) has expanded its 31st annual meeting to include hands-on workshop sessions.

These sessions will be held the afternoon of Feb. 17, the day before the opening symposium and welcome reception. For the next three days (Feb. 18-20), specialists and general dentists will continue to learn together about the latest in science and technology from the world’s leading clinicians and researchers.

The meeting, themed “Globalization of Implant Dentistry: A World Collaboration,” will be held at the San Diego Convention Center in San Diego. Follow AO on Facebook and Twitter using #AO2016 to stay up to date.

“Clinicians, residents and students who carve time out of their busy schedules to attend our annual meeting do so because they share our conviction that knowledge and training are essential for the successful use of dental implants,” said AO President Dr. Russell Nishimura. “We owe it to them to maximize their time by ensuring this experience gives them world-class education in an outstanding learning environment, and that it translates into optimal patient care.”

The annual meeting will include more than 50 clinical presentations, an expansive exhibit hall, hundreds of ePosters, as well as oral scientific abstracts and oral clinical research sessions, corporate forums, lunch and learn sessions, a young clinicians lecture series, and a TEAM Program and laboratory technician program. In addition to the opening and closing symposiums, there will be a “Focus on China Symposium,” where speakers from different regions of China will present on their clinical experiences and research in implant dentistry.

“We have put together an unparalleled line up of clinicians, teachers and researchers from around the globe to present on the topics most important to today’s implant dentist,” said Dr. Peter Moy, 2016 annual meeting program chairperson. “The whole point of this meeting is to ensure our members and guests take valuable information back to their practices to provide optimum care for our implant patients, and that’s exactly what we plan to do.”

Throughout the conference there will be numerous opportunities to network and socialize, including the president’s reception, a time-honored event complimentary to all attendees. This year’s reception will be held at the San Diego Air and Space Museum.

“San Diego is easy to fly into from anywhere in the world,” Nishimura said. “With its warm weather and great amenities, such as beaches, golf, shopping and the zoo, it’s an awesome place to bring your family.”

For more information on the annual meeting, visit http://meetings.osseo.org/

About the Academy of Osseointegration
With 6,000 members in 70 countries around the world, the AO is recognized as a premier international association for professionals interested in implant dentistry. AO serves as a nexus where specialists and generalists can come together to evaluate emerging research, technology and techniques, share best-practice information, and coordinate optimal patient care using timely, evidence-based science and methods. Follow AO on Facebook and Twitter.

Enjoy the sights of San Diego, Calif., during the AO Annual Meeting in February.

Photo/Provided by www.freeimages.com
Introducing simply integrated™

the smarter case approach

This new versatile system enables you to easily tailor case treatment and coordinate with restorative partners. Simply pair a mount-free implant with one of the treatment-specific prosthetic SMART PACKS. Both the implant and SMART PACK include the necessary components for that treatment phase—which means you not only know treatment costs upfront but can also practice more efficiently.

Choose the smarter case approach.

TAKE BACK YOUR TIME
Order by case, not component so you can focus on the dentistry.

ELIMINATE SURPRISES
Know your costs upfront by having all the components—the right components—at the start.

AVOID CONFUSION
Have all your components conveniently in one place for easy team communication & coordination.

Legacy™
External Hex Connection Compatible with Zimmer, BioHorizons®, MIS™

Interactive™
12° Conical Hex Connection Compatible with NobelReplace™

RePlant® & Reflective®
Internal Tri-Lobe Connection Compatible with NobelReplace™

Mount-Free Implant

SMART PACK

Start transforming your practice.
Call to ask about the special INTRO OFFER!

AAP Annual Meeting #931

www.implantdirect.com | 888-649-6425
Immediate, esthetic tooth replacement with the Hahn Tapered Implant and BruxZir Anterior Solid Zirconia

By Timothy F. Kosinski, DDS, MAGD

With more patients seeking dental implant treatment, it’s no surprise that growing numbers of clinicians are providing this service. The increased demand for implant therapy can be attributed in part to the improved predictability brought about by innovations in implant design.

Additionally, due to advancements in all-ceramic restorative materials, providing esthetic results is easier than ever before. By utilizing the most advanced implants and restorative materials, even experienced implantologists have the potential to benefit from an improved clinical workflow and more esthetic results.

The case report that follows demonstrates immediate tooth extraction and placement of a Hahn Tapered Implant (Glidewell Direct; Irvine, Calif.) in the area of a lateral incisor. A temporary bridge, custom implant abutment and a highly esthetic final crown are utilized to facilitate a natural-looking final restoration.

Case report
A 40-year-old male presented with no medical complications and desired a nice smile for his business interactions. His maxillary left lateral incisor had fractured, with the patient’s excessive parafunction likely a contributing factor. Endodontic evaluation had determined that the lateral incisor was un-restorable.

The patient accepted a treatment plan in which the lateral incisor would be extracted and an implant immediately placed. Designed to achieve the maximum primary stability needed for immediate extraction and implantation cases, a Hahn Tapered Implant was selected for the procedure.

To begin treatment, the non-restorable lateral incisor was extracted atraumatically. Removing the tooth in this manner maintained the facial plate of bone as well as the interseptal bone that helps support the interdental papillae.

A pilot drill was utilized to create the initial osteotomy approximately 3 mm apical to the adjacent cemento-enamel junction, and a 3.5-mm-diameter Replace Select™ drill (Nobel Biocare; Yorba Linda, Calif.) was used to complete preparation of the implant site. Note that the Hahn Tapered Implant is compatible with widely used surgical instrumentation.

As the implant was threaded into place, its prominent buttress threads engaged the palatal wall firmly. This simplified the effort of preserving the facial plate and positioning the implant in a manner that would foster an esthetic outcome. The tapered body of the implant established placement within a maximum amount of bone, and its widened apex helped establish excellent stability.

Radiography confirmed the implant was placed in an optimal position. A transitional bridge was fabricated to minimize speech problems, help support the soft tissue and maintain a natural emergence profile during the healing period. After four months of healing, the temporary bridge was removed, and an open-tray final impression was taken.

An Inclusive Zirconia Custom Abutment with titanium base was produced by the lab and maintained a natural emergence profile upon delivery. BruxZir Anterior, a monolithic zirconia material specially formulated for the smile zone, was chosen for the final restoration because of its strength and lifelike esthetics.

The crown, which was digitally designed and milled using CAD/CAM technology, exhibited a precise fit. Final radiography illustrated superb bone preservation at the implant site (Fig. 1). Optimal soft-tissue contours were particularly evident around the beveled edge of the Hahn Tapered Implant. The patient expressed that he was very pleased with the final restoration (Fig. 2).

Conclusion
The high primary stability, optimal positioning and simplified surgical protocol facilitated by the Hahn Tapered Implant make it ideal for a wide range of indications, including immediate extraction cases and restorations in the smile zone.

When combined with BruxZir Anterior and zirconia hybrid custom abutments, a predictable restoration can be delivered that mimics the esthetics of the tooth being replaced.

Note: See more of this case by visiting www.inclusivemagazine.com.

‘Removing the tooth in this manner maintained the facial plate of bone as well as the interseptal bone that helps support the interdental papillae.’
Let our new products tackle your toughest procedure

AAP booth #1406

IA-400  Mini LED +

Visit us at the AAP Meeting in Orlando on November 14th - 17th, booth #1406

wh.com/na
Current developments focus on minimally invasive procedures with less postoperative pain for the patient and a faster healing time. Piezo technology has increasingly been finding its way into oral and maxillofacial surgery and implantology for more than a decade. Maximum precision in surgical use and gentler treatment for the patient are just some of the advantages of this cutting-edge drive technology, according to the company. With the new Piezomed, W&H can use state-of-the-art ultrasound technology for even the most demanding tasks in bone surgery, providing surgeons with optimal support in their daily work.

“Our product development has a clear aim: to consistently fulfill the many different needs of the patients and also to satisfy the users’ requirements. The new Piezomed minimizes the invasiveness of surgical treatments. Safe working thanks to automatic instrument detection and unique instrument design takes on a completely new meaning for the user,” said Andreas Lette, strategic W&H product manager and head of product innovation.

New dimension in bone surgery

The new surgical instrument from W&H employs state-of-the-art ultrasound technology. High-frequency microvibrations enable high-precision incisions while the so-called cavitation effect ensures an almost blood-free surgical site and an excellent view of the treatment area, the company asserts. In addition to these benefits, W&H offers maximum safety during operation with its patented automatic instrument tip detection. Piezomed detects the instrument during tip insertion and sets the correct power class automatically. This significantly lowers the risk of harming a patient and overloading the instruments, according to the company.

Equipped for any task

W&H offers a selected range of 24 intelligently created working instruments to provide optimum cover for the wide variety of tasks dealt with by surgeons. “For example, the bone saws have a specially developed tooth design that enables bone block harvesting with low bone loss. We also offer a special saw that boasts extremely high-cutting performance,” Lette said. “Many of the surgical instruments developed by W&H are an absolute world first in the global dental sector. Our developments are patented to protect our unique expertise.”

The instruments have another advantage with their efficient cooling concept. The spray exits near the instrument’s work area, thus protecting the instrument from thermo-mechanical material stress. The user benefits from even safer and cooler processing of the operating field, according to W&H. Piezomed supports the surgeon’s individual way of working with three different operating modes: “Power,” “Basic” and “Smooth.” The operating modes store a variety of performance characteristics. Equipped with a multi-functional foot control, the surgical device offers freedom for the users’ hands.

Please contact www.wh.com/na or call (800) 265-6277 for additional information on any W&H surgical product.
DoWell Dental Products, Inc.

**Innovations & Deals**

**NEW product**

**Zircornia Bone Collector**
For Harvesting Autogenous Bone

- Zircornia Drill - Lower heating & Longer Lasting
- Stainless Steel Stopper - Accuracy & Depth Control

Compatible with any latch or push type hand piece

---

**Allograft Special**
Buy 2 Get 1 FREE

- Mineralized Cortical/Cancellous Bone (1.0cc, particle size 1.6-1.25mm)

---

**PiezoART2 LED**

- 2 LED Hand Pieces
- 14 Piezo Tips
- 1 Autoclavable Tubing

For only $6,500

---

**Specialized PiezoART Tips**

- Sinus Lift 3mm Diamond Coated BM-SL3S
- Sinus Lift 5mm Diamond Coated BM-SL5S
- Bone Harvester & Scraper BM-HB2W

---

AXESS Precision Tips for ultrasonic osteotomy

---

DoWell Dental Products, Inc. • 877.373.8904 • www.dowelldentalproducts.com
X-Nav Technologies launches X-Guide Dynamic 3D Navigation System

System now available in the United States, Canada and Europe

By X-Nav Technologies Staff

X-Nav Technologies, the developer of advanced technology solutions for dental surgery, has announced it has received FDA clearance for its new system, the X-Guide™ Dynamic 3D Navigation system. The X-Guide system is designed to elevate the surgeon’s control and precision over the entire implant process, including planning and placement.

Interactive, turn-by-turn guidance during live surgery gives the ability to visualize precise movements of the handpiece during osteotomy and implant delivery for more exact implant placement, according to the company. It’s like GPS for the drill. This results in the ability to consistently deliver a more desirable functional and aesthetic outcome in dental implant surgeries.

Michelle Jackson of X-Nav Technologies helps an attendee at the AAID Annual Educational Conference in Las Vegas. The show was the first for X-Nav since the company received FDA clearance for its new system in mid-October. Photo/Sierra Rendon, Managing Editor

X-Nav Technologies confirms that it has approval to market and sell the X-Guide Dynamic 3D Navigation system to dental clinicians in the United States, Canada and the European community.

“Just as cone-beam 3-D imaging has transformed the dental implant process for surgeons and patients, this next advancement in technology will bring more precision and control in transferring 3-D treatment plans to the patient, with ease,” said Ed Marandola, X-Nav Technologies president and CEO.

The X-Guide system makes it easy to be exact, the company says, by providing robust and easy-to-use treatment software plus new, patent-pending X-Point™ navigation technology — the first, single-view guidance of implant position, angle and depth.

The X-Guide system is designed to be compatible with most cone-beam 3-D systems. X-Nav Technologies asserts, adding that surgeons do not have to stop at precise planning anymore — now they can place in remarkable detail as well.

Developed in close collaboration with leading oral and maxillofacial surgeons, the X-Guide system promises to deliver what today’s implant clinicians want.

Dr. Robert W. Emery, diplomate of the American Board of Oral and Maxillofacial Surgeons, states: “X-Guide fills the final gap of digital dentistry. Dynamic 3-D navigation allows the dentist to use all the 3-D digital information at their fingertips in real-time to immediately use their cone-beam 3-D scan to plan and place implants. The surgeon can fully guide his or her cases even when clinical alterations are necessary because the system embraces flexibility.”

The X-Nav Technologies leadership includes part of the original team that brought industry-leading i-CAT® cone-beam 3-D imaging to the dental industry. The president and co-founder of X-Nav, Marandola, is the former president and co-founder of i-CAT (Imaging Sciences International), and X-Nav co-founder Chris Scharff led the i-CAT commercial team as vice president.

For more information on the X-Guide system, visit www.X-NavTech.com.

True flexibility for all types of treatments

By Henry Schein Dental Surgical Solutions Staff

Our latest-generation implant system is intelligent, lean and simple. iSy™ has a compact system design, offering you a unique workflow advantage. You will benefit from unsurpassed cost efficiency in each of your implant cases, backed by proven CAMLOG quality.

The unique implant sets and lean components allow for total flexibility. With iSy, you have the freedom to choose digital, conventional or combined workflow treatments. Experience a new level of efficiency with the iSy system.

iSy is truly easy. Every implant set contains the components you need to complete an entire case. The iSy dental implants were designed with the needs of your patients and practice in mind. Implement iSy in your next case and discover how total flexibility can revitalize your practice.

You can choose to restore your case with the included implant base in either a digital or conventional treatment workflow. If you prefer using conventional methods, you can complete your case with prefabricated components or CAD/CAM options. iSy includes treatment flexibility in every package for your benefit and your patients.

The core workflows for implant practices are: digital, conventional and combined.

1. Digital. A digital treatment workflow can be done with or without the implant base. Transgingival healing provides easy access to the final abutment and allows for optimal hard- and soft-tissue healing. When ready for impression, the multi-functional cap offers you the ability to use an intra-oral impression scanner. The customized final restoration can be affixed to the implant base and delivered with minimal effort.

2. Conventional. A conventional treatment workflow can be done with or without the implant base. Submerged healing allows for undisturbed integration throughout the healing process. A gingiva former will sculpt the soft tissue. When ready for impressions, open or closed tray impression copings are available. The final restoration is completed using pre-made abutments with a traditional PFM crown.

3. Combined. The flexibility of iSy is showcased with this final example. Conventional and digital treatment workflows can be combined to provide a customized final result. The pre-mounted implant base with a multi-functional cap is used to take a traditional impression.

The dental lab will scan the iSy scan post within an implant analog or scan the implant base using the second multifunctional cap. The final result will be a customized restoration made iSy and designed to create satisfied patients.

Designed to provide a smoother treatment experience, the iSy system has “simple” built right in to it. iSy is a high-quality implant system made by CAMLOG. The system was developed in Switzerland and is manufactured in Germany. The cornerstone of CAMLOG is its attention to detail, sustainability and the quality development of its products.

Henry Schein is the exclusive distributor of the iSy system and has a team of highly trained surgical sales consultants to serve as your partner in integrating iSy into your practice.
Isn’t it time your patient financing measured up to your patient care?

“Same-day treatment acceptance has gone up since incorporating Lending Club Patient Solutions into our treatment presentation.”
—Christina C., Senior Treatment Coordinator, Georgia

“Their high-quality customer service is unbeatable, plus they cost less than any other patient-financing providers—a win for our patients and our practice.”
—Dee Dee R., Patient Concierge, Texas

Discover a new approach to patient financing and see why we continue to get rave reviews.
To learn how easy patient financing can be:
Call 844.766.7283 or visit lendingclub.com/providers.

Lending Club PATIENT SOLUTIONS

Formerly Springstone Patient Financing

©2015 Lending Club Patient Solutions products and services provided through Springstone Financial, LLC, a subsidiary of Lending Club Corporation. Payment plans made by issuing bank partners.
Buffering Simplified™
Revolutionizing practice efficiency and patient experience.

Discover the Power of Buffering Today
Booth #1531

Leveraging the science of buffering increases the PREDICTABILITY and SPEED at which a patient can get numb. This in turn can create a better PATIENT EXPERIENCE and INCREASES the EFFICIENCY of a practitioner.