

# DENTAL TRIBUNE today



## 20 years of pioneering spirit

Take a journey from the very first Implantmed through to the smart device it is now.

»page 6



## All the KEY moments

Browse a photo gallery from Keystone Dental Group's one-day educational conferences.

»page 12



## Get educated in San Diego

The 2022 AO Annual Meeting will return to a live, in-person event in February. Register today!

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• The AAP's 107th Annual Meeting, taking place in Miami Beach, offers three days of C.E. programming, including symposiums, lectures and hands-on workshops. (Photo/fcl1971, freeimages.com)



# In person again!

By **today** Staff

■ It's been two years since the American Academy of Periodontology last met in person, in Chicago. This weekend, here in sunny Miami Beach, the world's leading periodontal professionals are at last together again.

The AAP's 107th Annual Meeting, taking place now through Sunday, offers attendees the opportunity to learn, share and network with the best and the brightest in the field of periodontology.

Here at the Miami Beach Convention Center, attendees can earn up to

» see **IN PERSON**, page 3

## Exhibit hall is where it's at

■ There are plenty of reasons to stop by the exhibit hall here at the AAP Annual Meeting, and while first and foremost is to check out the newest and best products and technology the industry has to offer, there are a lot of other things to see as well.

Need to charge your phone or yourself? Stop by the AAP Charging Lounge. Want to obtain or print your C.E. certificates? Try the AAP Continuing Education Pavilions. You can also head to the AAP Member Resource

Center to get membership questions answered by staff.

If you need a pick-me-up during the meeting, the exhibit hall also has the answer for that. Stop by each day for a mid-morning coffee break, and on Friday, from 5 to 6:30 p.m., reconnect with friends and colleagues at the Networking Reception.

The exhibit hall is open until 6:30 p.m. today (Friday), from 10 a.m. to 6:30 p.m. Saturday and from 10 a.m. to 3 p.m. Sunday.

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<sup>2</sup>Tura M, Petersson A, and Sennerby L. Primary stability of three different aggressively threaded and tapered implants in low-density polyurethane. COR. 2020; 31(S20): 60

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### 107<sup>TH</sup> ANNUAL MEETING

American Academy  
of Periodontology

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4 Corporate Forums  
**Thursday, Nov. 4**



DAN HOLTZCLAW,  
DDS, MS

1-1:45PM EST



CURRY LEAVITT,  
DMD, MS

2-2:45PM EST



MATTHEW FIEN,  
DDS

3-3:45PM EST



ROBERT MILLER,  
DMD

4-4:45PM EST

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**dti** Dental  
Tribune  
International

today American Academy of  
Periodontology Annual Meeting  
Daily Vol. 5 appears during the AAP  
107th Annual Meeting in Miami  
Beach, Florida, Nov. 5–7, 2021.

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# Survey shows at-home oral health practices are strong

■ A key factor in achieving optimal oral health is ensuring that teeth and mouths are being cared for regularly. In October, which was National Dental Hygiene Month, Delta Dental highlighted findings from a recent study showing that adults and children across the country continue to practice proper oral health habits at home.

The study found that, on average, children and adults brushed their teeth twice per day, flossed their teeth once per day and used mouthwash once per day.

"At-home oral hygiene habits play a key role in maintaining good oral health, and it is encouraging to see respondents are committed to brushing, flossing and using mouthwash regularly," said Joseph Dill, DDS, MBA, vice president of dental science, Delta Dental Plans Association.

Such habits are motivated by the health benefits associated with each, with many reporting they are brushing and flossing to prevent tooth decay, prevent dental issues and maintain or improve oral health.

Beyond their brushing and flossing frequency, many follow American Dental Association guidelines on how often to replace their toothbrush. In fact, about two in three adults (65 percent) switch out their brush at least once every three months, while 86 percent of parents do this for their



• A recent survey shows that patients are brushing and flossing to prevent tooth decay and to maintain or improve oral health. (Photo/Provided by Dana Rothstein, [dreamstime.com](http://dreamstime.com))

child at least once a month.

Similarly, parents acknowledge fluoride as an important step in dental hygiene. Slightly more than four in five (83 percent) of parents say they believe fluoride is very – if not extremely – important to their child's oral health.

Delta Dental's Adult's Oral Health & Wellness Survey was conducted

Dec. 28, 2020, through Jan. 8, 2021, among a nationally representative sample of more than 1,000 Americans ages 18 and older, with a margin of error of plus or minus 3 percent.

The complete survey is available at [www.deltadental.com/us/en/state-of-americas-oral-health-report.html](http://www.deltadental.com/us/en/state-of-americas-oral-health-report.html).

(Source: PRNewswire)

## IN PERSON \*from page 1

22 C.E. credits in various formats, including case studies, point-counterpoint sessions, symposiums, lectures and hands-on workshops. A Speaker Studio features live, one-on-one Q&As with seasoned experts in a casual setting. There's also a special periosystemic general session honoring the late Dr. Robert J. Genco.

The meeting officially kicks off this morning (Friday morning) with Dr. James G. Wilson's President's Address, followed by the Opening General Session, "When Bad Things Happen to Good Tissue."

The return to an in-person meeting also means the return of the Annual Meeting Exhibition, taking place inside Exhibit Halls A and B. More than 300 exhibitors are on-hand to demonstrate a range of dental products and services. Show hours are today (Friday) from 10 a.m. to 6:30 p.m.; Saturday from 10 a.m. to 6 p.m.; and Sunday from 10 a.m. to 3 p.m.

Professional attendees will receive lunch vouchers with their registration materials for use in the exhibit hall between 11 a.m. and 3 p.m. on Friday and Saturday, and on Sunday from 11 a.m. to 2 p.m. Vouchers must be presented to a cashier at the time of purchase. Meals for spouses or guests may be purchased with credit cards on-site in the exhibit hall.

Meeting in person again also provides the chance for members to interact one-on-one with AAP staff in the Member Resource Center. Staff is happy to answer membership questions, help attendees navigate the revamped [perio.org](http://perio.org), and demonstrate the features of the online Career Center. Attendees will also be able to stock up on gear, gifts and other items from the Perio Store.

The Research Forum Poster Session showcases a wide variety of posters covering clinical research, basic research and case reports. Abstracts were submitted to AAP's Research Submissions Committee,

who selected all poster presenters and competition finalists prior to the annual meeting. The posters selected for the Research Forum Poster Competition are displayed at the front of the poster area, and authors are competing for awards in basic research, clinical research and clinical impact.

The AAP is closely monitoring the COVID-19 pandemic to ensure the utmost safety of all 2021 Annual Meeting attendees. All participants are required to wear a face mask covering both nose and mouth at all times while participating in events and sessions, and the program schedule and content is subject to change.

All information concerning the meeting is housed on the annual meeting website ([am2021.perio.org](http://am2021.perio.org)) and on the mobile app. The app also allows users to build personalized schedules, find exhibitors and take notes on individual sessions.

(Source: American Academy of Periodontology)

# Dental school implements robot-assisted implant surgeries

By NYU College of Dentistry Staff

■ New York University College of Dentistry (NYU Dentistry) has become one of the first U.S. dental schools to acquire, install and use surgical robotic devices for dental implant surgeries.

According to NYU Dentistry, these devices will provide an opportunity for pre- and postdoctoral students to learn how state-of-the-art robotic technology, with its accuracy and precision during dental surgery, can augment and enhance clinical practice and patient care.

The robot-assisted surgical technology, known as Yomi, was developed by Miami-based Neocis. It is the first – and, to date, only – such device cleared by the U.S. Food and Drug Administration for dental implant surgery, according to NYU Dentistry.

## Here in Miami Beach

To learn more about Yomi, the robot-assisted surgical device, stop by Neocis at booth No. 1113, visit [www.neocis.com](http://www.neocis.com) or call the company directly at (855) 963-6247.

The system uses software to pre-operatively plan dental implantation procedures and provides real-time visual and physical intraoperative guidance to achieve the plan. Yomi is intended for use in adult patients missing some or all teeth who qualify for dental implants.

Using the Yomi system, the provider performing the surgical procedure first creates a virtual plan for the placement of a dental implant using detailed 3-D scans of the patient's mouth. The system then uses physical



• The Yomi. (Photo/Provided by Neocis)

cues to guide the provider along the precise implementation of that plan – but is also able to adjust dynamically to accommodate mid-procedure changes. Yomi augments a provider's "feel," giving real-time feedback via haptic technology to guide a provider

along the treatment plan, but the provider controls the dental handpiece at all times. By design, the system complements, rather than overrides, a provider's clinical expertise.

"Robotic technology is truly a game-changer for dental surgery," said Robert Glickman, associate dean for clinical affairs and hospital relations and professor and chair of the Department of Oral and Maxillofacial Surgery at NYU Dentistry. "Successfully placing dental implants requires careful preoperative planning and a high degree of accuracy and precision to avoid critical anatomical structures and provide the best outcome for the patient."

With the acquisition of Yomi, NYU Dentistry continues to introduce pioneering new dental technologies into its predoctoral and postdoctoral education programs.

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Yomi Robot-Assisted Dental Surgery is cleared by the FDA in the United States as a computerized navigational system intended to provide assistance in both the planning (pre-operative) and the surgical (intra-operative) phases of dental implantation surgery. The system provides software to preoperatively plan dental implantation procedures and provides navigational guidance of the surgical instruments. For Indications For Use visit: [neocis.com/indications-for-use/](http://neocis.com/indications-for-use/) NEOCIS and YOMI are registered trademarks of Neocis, Inc. | LB-0370-00 Rev A

# Implantmed: A game changer

By W&H Staff

■ Implantmed. These days, W&H's high-end device is synonymous with dental implantology. Clear design combined with technical finesse make Implantmed an absolute game changer, according to the company, which asserts that's been the case for 20 years.

The device is opening up new possibilities for treatment and is helping the professional community to progress. And since its launch, Implantmed has grown rapidly from a new technology to become a best-selling smart device today.

## Enabler for individual workflows

Technologies for implant stability measurement and smart solutions for digital networking make Implantmed unique in the industry today, according to the company. Users can tailor it to their individual implantology workflow, and thanks to its optional product features, it can be ideally adjusted to clinical requirements.

Of course, the journey from the very first Implantmed through to the smart device has been an evolution, and one which is continuing apace.

## Making a splash from day one

It was a race against time. The IDS was due to start on time, but the newcomer was not quite ready for its grand debut. With a great deal of dedication, a team of developers applied the final touches and put Implantmed in pole position just in time, and bang, on schedule at IDS in March 2001, W&H's new implantology motor was presented to the public for the first time. With its sterilizable motor and cable, five different programs and straightforward and safe operation, it really caused a stir in the professional community, according to the company. Despite the tight time frame, the goal was achieved and the foundations laid for future success.

As early as 2005, Implantmed was given a new ergonomic design and improved motor technology. Available in two housing colors, it made an eye-catching addition to any dental practice. Numerous implant manufacturers added the W&H product to their portfolio.

Shortly afterward, the innovation was given a facelift and, from 2011, was available in a shiny new housing. An integrated mechanical automatic thread cutter function was also included from this point, providing support for implant insertion in the lower jaw.

Just five years later, W&H lit an innovation firework, according to the



• Implantmed: Twenty years of pioneering spirit. (Photos/Provided by W&H)



• Above, the Implantmed today.

• At left, once you know Implantmed, you can use any of the generations. A uniform user interface and standardized program processes guarantee optimal usability.

company: in cooperation with Ostell AB, now a member of the W&H Group, Implantmed was the first implantology motor to be enhanced with Ostell's ISQ functionality for implant stability measurement. For the first time, this allowed dental staff to check the status of osseointegration in real time and thus determine the optimal load time for an implant.

But things didn't stop there. This Implantmed generation also featured a color display, touch screen, a new coolant pump, individual user profiles and a documentation function, as well as customization features. A wireless foot control ensured that several W&H devices (such as Implantmed and Piezomed) could be operated with just one foot control.

## Here in Miami Beach

To learn more about the Implantmed, stop by the W&H booth, No. 1120.

The motor, the shortest and most powerful implantology motor on the market by some distance, was a particular highlight. The version with a light ensured optimal illumination in all treatment situations.

In 2018, W&H added Implantmed Classic and Implantmed Plus to its portfolio, thereby offering two models for different customer requirements for the first time.

ioDent® was the first step in connecting Implantmed to the "Internet

of Dental Things." The new digital solution was unveiled at IDS 2019 in Cologne. Implantmed Plus and the ioDent system support the digital implantology workflow and connect dentist, patient and high-end devices.

## Always a step ahead

W&H has been responding to dentists' requirements for 20 years. Every Implantmed generation is always a step ahead, the company asserts. Now, as they did before, technical features and optimal reliability make Implantmed a game changer in implantology. And this ambition is sure to carry forward into the future as Implantmed is becoming an innovative systems solution – highlights guaranteed!





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# Keep your chin up, neck straight and eyes forward with Infinity VUE

By Designs for Vision Staff

■ Designs for Vision has several new and innovative products, including Infinity VUE, Panoramic Field and REVEAL.

Designed to provide a straightforward approach to ergonomics, Infinity VUE loupes are available in 3.0x and 3.5x magnification. Infinity VUE (Vision Up Ergonomics) keeps your chin up, your neck straight and your eyes forward while viewing the magnified oral cavity. Designs for Vision invites you to try these loupes on to see (and feel) the difference in your posture.

The new patented Panoramic Field Loupes (U.S. pat. 8928975B2) represent the most significant advancement in telescope design in more than 100 years, according to the company. The viewable areas are



• **Infinity VUE loupes, one of many innovations available from Designs for Vision, are designed to help improve posture. (Photo/Provided by Designs for Vision)**

twice as large as prismatic expanded

## Here in Miami Beach

You can see the Visible Difference® yourself by visiting Designs for Vision at booth No. 935. To arrange a visit in your office, contact Designs for Vision at (800) 345-4009 or [info@dvimail.com](mailto:info@dvimail.com).

field designed loupes and up to five times greater than Galilean loupes. Panoramic Field loupes provide unprecedented field of view, clarity, definition and color, the company says.

Designs for Vision has also launched its groundbreaking REVEAL™ (U.S. pat. 10215977B1), providing hands-free fluorescence enhanced theragnosis™ (FET™). According to the company, REVEAL supplies the visual information to support decision making and facili-

tate proper treatment options in cariology, oral hygiene, periodontology-implantology and restorative dentistry.

Designs for Vision is also introducing patented intuitive response technology with the Micro IR HDi headlight (U.S. pat. 8,851,709 and RE46,463). The IR feature allows you to operate the headlight hands-free. Onboard biometrics sense the position of the headlight to turn the light on when you are working and turn the light off when you look up.

Designs for Vision's WireLess™ headlights free you from being tethered to a battery pack. The simple modular designs uncouple the headlights from a specific frame or single pair of loupes. The compact design of the LED DayLite® WireLess headlights are independent of any frame/loupes.

AD

## ACADEMY OF OSSEOINTEGRATION 2022 ANNUAL MEETING

### IMPLANT DENTISTRY FOR ALL: Honoring the Past, Treasuring the Present, Shaping the Future

**Feb. 24 - 26, 2022** SAN DIEGO, CA

## REGISTRATION OPEN

The Academy of Osseointegration is excited to announce the return of its dynamic, in-person Annual Meeting. The event will feature cutting-edge technology, proven techniques and the latest scientific research presented over three days through hands on and didactic presentations.

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