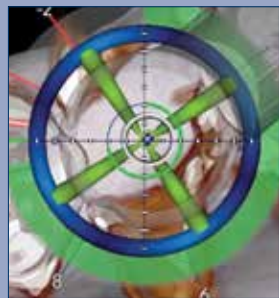


today



It's time for a celebration

Company reaches milestone with 150,000 implants surgically placed.

»page 4



Optimal access for difficult intervention

Handpiece for implant site preparation and implant insertion ideal for high-risk patients.

»page 10



Get educated in San Diego

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

»page 14

It's showtime!



Attendees stroll through the exhibit hall of the 2019 AAOMS Annual Meeting, Scientific Sessions and Exhibition, held in Boston. This year, the AAOMS is back with an in-person meeting and a virtual option. (Photos/today Staff file photos)

By today Staff

Welcome to the 103rd AAOMS Annual Meeting, Scientific Sessions and Exhibition, being held in conjunction with the Canadian Association of Oral and Maxillofacial Surgeons (CAOMS). For the next several days, you have the opportunity to explore the newest technology and learn from some of the world's top clinicians.

If you want to identify emerging issues and trends in oral and maxillofacial surgery and to be on the forefront of research and innovation, you're in the right place.

Fittingly, the theme of this year's meeting is "Ensuring Our Future Through Wellness and Diversity." And here in Nashville, you can find support, guidance and leadership opportunities by rubbing elbows with peers and mentors.

*see SHOWTIME, page 3

Womens Leadership Initiative is formed

A Womens Leadership Initiative has been launched to empower future female oral and maxillofacial surgeon leaders and increase the pool of OMS speakers.

The new endeavor is supported by AAOMS and other organizations.

Through an online platform, the



initiative aims to connect academic speakers and OMS event planners. Those interested can add their infor-

mation to a searchable, protected database to discover speaking and mentoring opportunities.

Other benefits include developing mentorships and improving skills through a speaker training program.

The independent, complimentary database aims to increase the num-

ber of female OMS speakers, but the database and related programs are not limited by gender.

Registration and more information are available at OMSWLI.com.

(Sources: AAOMS and Womens Leadership Initiative)

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Wittich is new executive director of AAOMS

By AAOMS Staff

■ The American Association of Oral and Maxillofacial Surgeons (AAOMS) named Karin Wittich, CAE, its new executive director. The appointment took effect June 1.

Wittich had served as AAOMS associate executive director of practice management and governmental affairs since 2004.

Wittich also will serve as executive director of the OMS Foundation.

"With her impressive experience at AAOMS and past history working in oral and maxillofacial surgery (OMS) offices, Karin brings extensive knowledge to the position of executive director," said AAOMS President B.D. Tiner, DDS, MD, FACS. "She maintains productive, collaborative relationships with allied organizations, dental specialty organizations and other key strategic partners and has been heavily involved in our advocacy efforts, helping ensure issues important to the specialty are discussed and signed into law. We look forward to her accomplishments as AAOMS executive director."

Wittich, of Elgin, Ill., joined AAOMS as manager of the practice management department in 1999. Her



• **Karin Wittich, the new executive director of the American Association of Oral and Maxillofacial Surgeons.**

team's major projects have included implementation of online learning and webinars, development of the OMS Quality Outcomes Registry (OMSQOR) to collect data from OMS practices and the Dental Anesthesia Assistant National Certification Examination (DAANCE) program as well as increasing the number of practice management and coding educational offerings. In addition, she has managed all state and federal government affairs activities, including Day on the Hill, and has served as

secretary to OMSPAC. Involved with the OMS specialty for more than 30 years, she received AAOMS honorary fellowship in 2017.

Previous to AAOMS, Wittich was a practice administrator at two OMS offices in suburbs of Chicago, where she was responsible for all operational and accounting activities. She became a certified association executive in 2013.

"I am proud to begin the next chapter of my professional career serving as the executive director of AAOMS and, alongside my colleagues and the members we serve, will continue to advance the mission of the organization," Wittich said. "I am grateful to my mentors and friends who have inspired and supported me over the last 30-plus years."

The AAOMS Executive Director Search Committee unanimously approved the appointment in March after interviewing five high-profile health care executive candidates.

Wittich replaces Scott Farrell, MBA, CPA, who retired after five years as executive director. Previously, he had been AAOMS chief financial officer and associate executive director of business and operations for 18 years.

SHOWTIME from page 1

The exhibit hall is filled with specialty-related products and services from 100-plus exhibitors. The show floor is open Thursday and Friday from 8 a.m. to 5:15 p.m. and Saturday from 9 to 11 a.m.

Eat, drink and be industry-educated

Held right on the show floor, "Lunch and Learn," "Breakfast and Learn" and "Snack and Learn" sessions provide opportunities for oral and maxillofacial surgeons and members of their staff to discover the features, value and benefits of exhibitor products. Food and beverage will be served for those in attendance.

In addition, various industry symposiums offer a unique opportunity to learn about the latest research and developments significant to the OMS specialty.

For those who are not able to attend in person, the 2021 AAOMS Annual Meeting is offering a virtual exhibit



• **Attendees engage in an educational course during the 2019 annual meeting. This year, attendees can join 'Lunch and Learn,' 'Breakfast and Learn' and 'Snack and Learn' sessions right on the exhibit hall floor.**

hall, available at www.aaoms.org.

Educational tracks

This year's annual meeting clinical tracks cover the entire scope of OMS practice, allowing a full immersion in the latest research. With the new format, attendees can participate in two clinical tracks per day.

New this year, each track features a one-hour session presenting a "hot-

off-the-press" JOMS article published in 2021. In addition, to bring more high-level evidence to each track, expert speakers and oral abstracts — which were previously held in their own sessions — are being added to a two-hour plenary session before a question-and-answer session with the speakers.

The track topics are as follows: anesthesia, cosmetic, dental implant, dentoalveolar, head and neck, orthognathic, OSA, pathology, pediatrics and cleft, reconstruction, TMJ and trauma.

Most educational sessions and the exhibition are taking place at Music City Center. The Omni Nashville Hotel is hosting the keynote lecture, opening ceremony, awards presentation and meeting dedication, welcome reception and select educational sessions and social functions.

Check your show guide, www.eventscribe.net/2021/AAOMS-Annual or the official meeting app for information on specific educational sessions.

X-Nav achieves a milestone with its navigation system

By X-Nav Technologies Staff

■ More than 150,000 dental implants have been surgically placed using X-Guide® Dynamic 3D Navigation – a system designed to assist dental surgeons in achieving more accurate and less invasive dental implant results than freehand surgery.

The announcement was made recently by X-Nav Technologies, the company behind the system. X-Nav is a medical device company that develops surgical products for the dental market that advance patient care while improving doctor productivity.

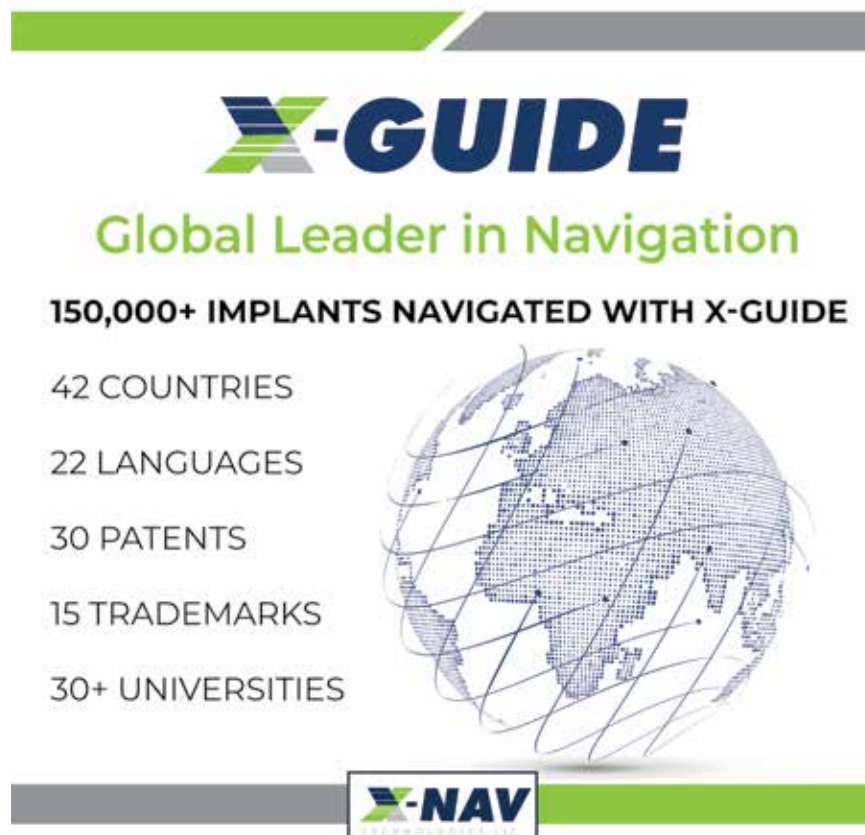
According to the company, the X-Guide surgical implant navigation system has been eagerly accepted by the dental community. Its success can be attributed to remarkable ease-of-use and seamless integration into the fully digital surgical and prosthetic workflow, the company said.

“We are proud of our customers for believing this is the best technology for their practice and opting to offer the capabilities of X-Guide surgical navigation to their patients,” said Edward Marandola, president of X-Nav Technologies. “The significance of this growth shows that not only does X-Guide surgical navigation have a place in today’s dental implant practice, but that the technology is utilized regularly to improve patient care.”

The X-Guide system is being used in more than 40 countries to offer patients a minimally invasive option for dental implant surgeries. It is designed to assist dental surgeons on a broad range of clinical implant procedures, from a single tooth replacement to full-arch mouth reconstruction.

Dental implants can be navigated more precisely with the X-Guide system, which plays a key role in the functional outcome of the procedure, as well as facilitating more immediate esthetic and restorative success, according to the company. The benefits of more accurate placement to both the surgeon and the patient are profound, the company said.

The X-Guide Dynamic 3D Navigation system allows the surgeon to digitally plan the ideal treatment and then provides turn-by-turn guidance of the handpiece to that target during live surgery – like GPS for the dental drill, the company said.

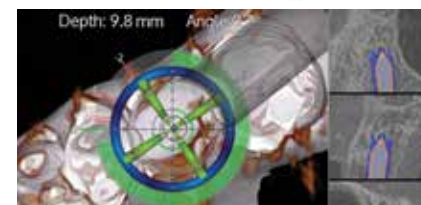


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- 22 LANGUAGES
- 30 PATENTS
- 15 TRADEMARKS
- 30+ UNIVERSITIES

X-NAV



• Dentists around the world embrace advanced surgical navigation technology to deliver more accurate and less invasive dental implants to patients. (Photos/Provided by X-Nav Technologies)

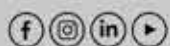
“It is exciting to see the global dental community embrace X-Guide Dynamic 3D Navigation so enthusiastically over the past few years,” Marandola said. “We look forward to continuing the momentum by driving innovative and useful advancements to the technology that will further enhance patient care and doctor productivity.”



Here in Nashville

For more information on X-Nav Technologies and clinical applications of dynamic navigation, stop by booth No. 456, visit www.X-NavTech.com or call (855) 475-9628.

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The most versatile barrier membrane for oral/maxillofacial applications

By Ashley Ali, director of education and training, Snoasis Medical

■ While placental tissues have been used in medical procedures for more than 100 years,^{1,2} Snoasis Medical established their use in dentoalveolar applications in 2007.

Snoasis Medical's placental tissue membrane, BioXclude®, is a versatile, deepithelialized amnion-chorion membrane that provides full barrier function with inherent bioactive growth factors and signaling molecules to promote healing.³

Placental-derived tissues are immunoprivileged,⁴ alleviating concerns for rejection or adverse reaction. Additionally, amnion-chorion allograft membranes have been shown to have potent antimicrobial properties,^{5,6} making them ideally suited for surgical procedures in oral and maxillofacial environments. Together, these properties make BioXclude the superior barrier membrane option.

Anthony Del Vecchio, DDS, a diplomate of the American Board of Oral and Maxillofacial Surgeons, has fully adopted BioXclude as the best and most versatile patient option for his private practices in New York.

Three of Del Vecchio's BioXclude cases are described.

In Case 1, BioXclude is left exposed as a barrier in a typical atraumatic extraction with site preservation. BioXclude is only required to be tucked under the gingival margin, eliminating the need for flap elevation. It may safely touch tooth and root surfaces, implant surfaces and exposed nerves, making trimming unnecessary. Accelerated post-operative healing is observed at only four days, with decreased pain and swelling at the extraction site.^{7,8}

In Case 2, BioXclude is used for an all-on-four procedure with zygomatic implant placement via lateral window approach in a former smoker with a severely atrophic maxilla. The membrane adapts ideally over large lateral access window as an adhesion barrier and replacement for buccal fat advancement.

In this case, the ability of BioXclude to adhere to surrounding structures without requiring additional stabilization highlights the superior handling properties.

In Case 3, BioXclude is used in the reconstruction of an atrophic mandible in a former cancer patient. Mental nerve lateralization using BioXclude as a nerve wrap (a technique devel-

Case 1: Simple Socket Preservation



Case 2: Atrophic Mandible



Case 3: Atrophic Maxilla



Three cases from Anthony Del Vecchio, DDS, featuring the use of BioXclude. (Photos/Provided by Anthony Del Vecchio, DDS)



• BioXclude is a minimally manipulated dehydrated human deepithelialized amnion-chorion membrane that serves as a barrier, conduit, connector or cushion in a variety of dental, endodontic, oral maxillofacial and periodontal regenerative procedures. (Photo/Provided by Snoasis Medical)

oped in orthopedic and urologic procedures)^{9,10} resulted in a successful reconstruction without additional ridge augmentation with all-on-four placement.

Upon post-operative evaluation, the patient had minimal edema and no paresthesia symptoms were reported.

These cases represent only the tip of the iceberg. Numerous studies have demonstrated the benefits of using amniotic tissue for neural regeneration,¹¹ bisphosphonate-induced osteonecrosis of the jaw,¹² and a plethora of orthopedic and chronic wound indications.¹³

References

1. Davis JW 1910, Skin transplantation

- with a review of 550 cases at the Johns Hopkins Hospital. *Johns Hopkins Med J* 15:307.
2. Stern W 1913 The grafting of preserved amniotic membrane to burned and ulcerated skin surfaces substituting skin grafts. *JAMA* 13:973-974.
3. Wallace S, Cobb C. 2011, *JIACD* 3(6): 61-72.
4. Insauti CL, et al. Amniotic membrane-derived stem cells: immunomodulatory properties and potential clinical application. *Stem Cells and Cloning: Advances and Applications*. 2014;7:53-63.
5. Ashraf H, Font K, Powell C, Schurr M. Antimicrobial Activity of an Amnion-chorion Membrane to Oral Microbes. *Int J Dent*. 2019 Jul 11;2019:1269534.
6. Palanker N, Lee C, Tribble G, et al. Antimicrobial efficacy assessment of human derived amnion-chorion. University of Texas at Houston Health Sciences Center Graduate Periodontics (Houston, TX). Poster presentation #27 at American Academy of Periodontology Meeting

Here in Nashville

To learn more about BioXclude, stop by booth No. 544. You can also join Snoasis Medical on Thursday, for an AAOMS Eat, Drink and Be Industry-Educated Lunch and Learn session with Dr. Michael Hartman. Snoasis Medical can be found online at www.snoasismedical.com and can be contacted directly at (866) 521-8247.

2018, Vancouver, BC. Manuscript in preparation.

7. Hassan, M, Prakasam, S, et al. *Int J Oral & Maxillofac Implants*. 2017;32:1389-1398. University of Indiana, Department of Periodontics.
8. Velez I et al. *J Perio* 2010; 81:1797-1804.
9. Tao H, Fan H. Implantation of amniotic membrane to reduce postlaminectomy epidural adhesions. *Eur Spine J* 2009; 18: 1202-1212.
10. Patel V, Samavedi S, Bates A, et al. Dehydrated human amniotic membrane allograft nerve wrap around the prostatic neurovascular bundle accelerates early return to continence and potency following robot-assisted radical prostatectomy (RALP): Propensity score-matched analysis. *Eur Urol* 2015; 67(6): 977-980.
11. Karaman M, Tuncel A, et al. Amniotic membrane covering for facial nerve repair. *Neural Regen Res*. 2013 Apr 15;8(11):975-982.
12. Ragazzo M, Trojan D, Spagnol L, Paolin A, Guarda Nardini L. Use of amniotic membrane in the treatment of patients with BRONJ: two case reports. *J Surg Case Rep*. 2018 Apr 20;2018(4):rjy073.
13. Holtzclaw D, Tofe R. An updated primer on the utilization of amnion-chorion allografts in dental procedures. *J Imp Adv Clin Dent* 2017; 2(9):16-37.

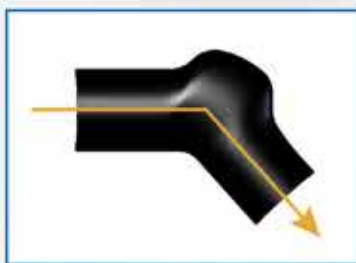
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Keep your chin up, neck straight and eyes forward with Infinity VUE

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 twice as large as prismatic expanded field designed loupes and up to five times greater than Galilean loupes. Panoramic Field loupes provide unprecedented field of view, clarity,



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

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

Here in Nashville

You can see the Visible Difference® yourself by visiting Designs for Vision at booth No. 520. To arrange a visit in your office, contact Designs for Vision at (800) 345-4009 or info@dvimail.com.

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.

Practicing in the digital dentistry era

By Dr. Howard Gluckman

■ Digital dentistry and the digital workflow have become a critical part of our practice. One of the main reasons for this is the ability for us to better serve our patients on many fronts. From diagnosis to communicating treatment plans to fabrication of materials needed for surgery and prosthetics, digital dentistry has become essential and indispensable.

Digital dentistry begins with the end in mind. DSD forms a key part of our diagnostic abilities to ensure the patient-centric outcome. Digital photography is an essential function alongside another big part, which is the use of CBCT as well as intraoral scans.

All of these provide us with the essential information and documentation required for our procedures. The information that we collect digitally then allows us to draw up treatment plans and then communicate them with the patient or with other practitioners or specialists. It also



■ Dr. Howard Gluckman uses the Navident System. (Photo/Provided by ClaroNav)

allows asynchronous communication with other practitioners so we can share and treatment plan or seek advice from other experts in order to achieve the best results possible.

As critical as all this initial documentation and treatment planning is, it is even more critical that we are able to transfer all the planned treatment with precision and accuracy into the oral cavity. Static guided surgery is one way of transferring our plans; however, this treatment option does not allow us to modify this plan

Here in Nashville

To learn more about Navident by ClaroNav, stop by booth No. 356, visit www.claronav.com or call (844) 628-4336.

should we find the need for minor or even major changes once one we begin the treatment.

Dynamic navigation or dynamic guided surgery like the Navident System not only provides the accuracy needed, it also allows for real-time modification of a plan to best suit the patient's needs. This technology is not only available for most modes of surgery but also for endodontics and endodontic surgery. This has been an absolute game changer for our practices and for our patients, and it has further enhanced our abilities to provide the most sophisticated treatment possible.

It has dispensed with the need for laboratory-made guides and has put all the planning and execution in my own hands, thus allowing me to be in

control of all aspects from design to execution.

Being able to modify treatment on the fly is an incredibly powerful tool. In most static guides, one is forced to work with what is provided, and if it does not work for any reason, you are either forced to abandon the procedure and come back another day or go back to conventional brain-guided treatment. I prefer the ability to adapt my plan and keep using the technology that's available to continue with my treatment, and all of my patients are hugely appreciative of that fact.

Converting one's practice to a digital practice is not an easy task. It requires upskilling both you and your staff. It requires substantial investment in your practice. However, the benefits far outweigh the negatives. What is most important is the excitement and sense of adventure that it creates for everyone in the practice. It has been a wonderful journey, and I look forward to the future.

It is incredible to be practicing in the digital age.

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