

today



'The tool that I can always count on'

Dr. Vishtab 'Vishy' Broumand shares the one brand that keeps him coming back.

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A scanner for the 21st century

Device promises to be easy to use, lightweight, accurate and, most importantly, affordable.

»page 6



Innovations that will expand your vision

Loupes and headlights can do more than help you see better – they can change the way you work.

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United in New Orleans

By **today** Staff

■ Welcome to New Orleans! For the next few days, you will have an opportunity to attend dozens of courses while earning up to 32 C.E. credits, taking in an exhibit hall featuring more than 100 companies and attending a variety of social activities where you can network and mingle with friends, colleagues and other dental professionals from around the country and the world.

This year's AAOMS Annual Meeting, Scientific Sessions and Exhibition, the 104th, is centered around the theme "Volunteerism: Individuals United in Service," and it's fitting that the event is offered both in-person and online, allowing more professionals to attend and learn together.

During the meeting, which goes until Saturday, it's education that will take center stage – clinical tracks, hands-on courses, master classes and other sessions are all planned.

*see UNITED, page 2



■ AAOMS Annual Meeting attendees take in an educational session on the exhibit hall floor during the 2019 event. This year, you can earn up to 32 C.E. credits during the course of the meeting. (Photo/**today** Staff file photo)

President's Event heads to National WWII Museum

■ Get ready to spend your Friday evening celebrating AAOMS President Dr. J. David Johnson Jr., and his wife, Caroline, while going back in time to World War II.

This year's annual President's Event, being held from 7 to 10 p.m.,

is taking place at the National WWII Museum. While there, you will be able to explore the majority of the campus, including the Hall of Democracy, the Louisiana Memorial Pavilion, the Campaigns of Courage Pavilion and the US Freedom Pavilion.

The President's Event is open to all AAOMS attendees and guests, and casual attire is recommended.

The event will feature live music and entertainment in multiple museum locations with food and drinks inspired by New Orleans.

Tickets for the evening are \$130. Head to www.aaoms.org/meetings-exhibitions/annual-meeting/104th-annual-meeting to learn more.

(Source: American Association of Oral and Maxillofacial Surgeons)

JOMS study: Penicillin allergy testing encouraged to reduce infection risk in oral surgery patients

■ Unsubstantiated, patient-reported penicillin allergies are a risk factor for surgical site infections (SSIs) after oral and maxillofacial surgery (OMS), according to a new study.

The study, published in the January issue of the *Journal of Oral and Maxillofacial Surgery* – the official journal of the American Association of Oral and Maxillofacial Surgeons (AAOMS) – suggests that testing patients for a penicillin allergy before surgery to clarify decisions about antibiotic use could result in a reduced risk of infection.

Beta-lactam antibiotics, such as penicillin, are considered the most effective agents in preventing infection after OMS procedures. When patients report penicillin allergies but do not have them, they receive other, less-effective antibiotics before the procedure, according to the research.

Penicillin allergy is one of the most common allergies reported by patients, the study notes. About 10 percent of patients say they have peni-



• According to a study, by reporting a penicillin allergy they do not have, non-allergic patients can be exposed to the higher risks of a non-penicillin antibiotic. (Photo/@Pöllö, wikimedia)

illin hypersensitivity, but 90 percent of the cases are not actual allergies, the study cites. Fewer than 1 percent of patients have true penicillin allergies, according to the CDC.

Penicillin and other beta-lactam antibiotics are often avoided in patients who report a penicillin allergy. The alternative to penicillin is other broad-spectrum antibiotics,

such as clindamycin, which target a wide range of bacteria and are associated with toxicities and development of antibiotic resistance.

The study consisted of 2,058 patients, including 318 who reported a penicillin allergy. Those who reported a penicillin allergy were more likely to be prescribed clindamycin while those who did not report a penicillin allergy were more likely to be given beta-lactam antibiotics.

The authors of “Is Penicillin Allergy a Risk Factor for Surgical Site Infection After Oral and Maxillofacial Surgery?” are Daniel M. Roistacher, DMD, from Mount Sinai Health System; Joshua A. Heller and Nalton F. Ferraro, DMD, MD, from Harvard School of Dental Medicine; and Meredith August, DMD, MD, from Massachusetts General Hospital.

Access the full article at [JOMS.org/article/S0278-2391\(21\)00937-X/fulltext](https://joms.org/article/S0278-2391(21)00937-X/fulltext).

(Source: American Association of Oral and Maxillofacial Surgeons)

UNITED *from page 1

This year, the annual meeting’s clinical education features 12 tracks during the course of two days covering the entire OMS scope of practice: anesthesia, cosmetic, dental implants, dentoalveolar, head and neck, orthognathic, OSA, pathology, pediatrics and cleft, reconstruction, TMJ and trauma.

Expert speakers will present the latest research and practice during a high-level plenary session combined with breakout sessions. Tracks also will include oral abstract presenters and a hot-off-the-press session.

In years past, attendees typically were able to obtain up to 15 hours of continuing education when attending an annual meeting in-person. But this year, you can more than double that total, with up to 32 hours available.

Additional credits are available via the on-demand content, which is accessible through Dec. 31.

Other highlights include:

- **“Volunteering: Individuals United in Service Spotlight Session”:** This spotlight session, focused on the theme of the meeting, will discuss the value and impact of volunteering. Members can learn the multitude of ways to get involved in supporting, advancing and promoting the specialty and its mission.

- **Keynote lecture with Kevin Brown:** Brown, creator of The HERO Effect, will discuss how his philosophy separates world-class organiza-

tions and high-performance people from everyone else. Brown is passionate about helping individuals expand their vision, reach their potential and grow their results.

- **Saturday education:** Among the more than a dozen morning sessions are “Disasters from the Masters” and the “Chalmers J. Lyons Memorial Lecture: Epidemics Past, Present and Future.” Starting at 1 p.m., practicing OMSs and an attorney will use closed-case examples to identify patient safety and risk management principles during the “Anesthesia Safety Program.”

Exhibit hall

The 2022 AAOMS Annual Meeting offers an exhibit hall filled with specialty-related products and services from 200-plus exhibitors. Show discounts, dedicated one-on-one interactions with vendors and a chance to explore the latest OMS practice products and technology are all on tap as well as “Eat, Drink and be Industry-Educated” sessions and “Industry Symposiums” that will highlight the latest technologies and innovations for practices.

The exhibit hall is open from 8 a.m. to 5 p.m. Thursday, from 8 a.m. to 6 p.m. Friday and from 9 a.m. to 1 p.m. Saturday. You can also visit the virtual exhibit hall at AAOMS.org/AMvxh.

Available 24/7, the virtual exhibit hall allows attendees to download informative documents, watch videos

Attend the 2023 meeting

The 105th AAOMS Annual Meeting, Scientific Sessions and Exhibition will be held Sept. 18 to 23 in San Diego, Calif., at the San Diego Convention Center and Hilton San Diego Bayfront. More information will be available at AAOMS.org/Events.

and exchange messages with exhibitors via the online meeting platform or the meeting app.

Other highlights of the exhibit hall include the Member Pavilion, where attendees can receive firsthand information on services and organizations that support all AAOMS members. Booths share information about membership services, AAOMS Advocacy, AAOMS Store, Dental Anesthesia Assistant National Certification Examination (DAANCE), ROAAOMS, OMS Foundation and others.

Over at the New Product Showcase, exhibitors will be showcasing new products and services. Stop by the spotlight displays in the convention center and their booths.

For more information on exhibitors, educational offerings and social events, download the AAOMS Annual Meeting Mobile App or go online to www.aaoms.org/meetings-exhibitions/annual-meeting/104th-annual-meeting.

(Source: American Association of Oral and Maxillofacial Surgeons)

today About the Publisher

Tribune America, LLC
118-35 Queens Blvd., Ste. 400
Forest Hills, N.Y. 11375
Phone: (212) 244-7181
E-mail: info@dental-tribune.com
www.dental-tribune.com

Publisher & Chairman
Torsten Oemus
t.oemus@dental-tribune.com

President/Chief Executive Officer
Eric Seid
e.seid@dental-tribune.com

Group Editor
Kristine Colker
k.colker@dental-tribune.com

Managing Editor
Aaron Rothkopf
a.rothkopf@dental-tribune.com

Product/Account Manager
Humberto Estrada
h.estrada@dental-tribune.com

Product/Account Manager
Maria Kaiser
m.kaiser@dental-tribune.com

Client Relations Coordinator
Lee Colquhoun
l.colquhoun@dental-tribune.com

Accounting Department
Nirmala Singh
n.singh@dental-tribune.com

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FIND YOUR ROBOTIC WORKFLOW

Yomi is the first and only FDA-cleared robot assisted dental surgery system. Yomi is a computerized navigational system intended to provide assistance in both the planning (preoperative) and the surgical (intraoperative) phases of the dental implantation surgery. The system provides software to preoperatively plan dental implementation procedures and provides navigational guidance of the surgical instruments. Yomi is intended for use in partially edentulous adult patients who qualify for dental implants ©2022 Neocis, Inc. NEOCIS and YOMI are registered trademarks of Neocis, Inc. All rights reserved. LB-1027-00 RevB. (098/0922)

‘W&H has been the tool that I can always count on’

An interview with Dr. Vishtasb ‘Vishy’ Broumand of Desert Ridge Oral Surgery in Scottsdale, Ariz.

By W&H Staff

■ Chuck Harper, director of sales & marketing, oral surgery and implant surgery, for W&H, recently sat down with Dr. “Vishy” Broumand of Desert Ridge Oral Surgery to speak about the surgical procedures he performs in his Scottsdale, Ariz., practice; the tools he feels help him to succeed; and the zygomatic and pterygoid cases he’s been treating and teaching at the Desert Ridge Oral Surgery Institute.

Thank you for giving us this time, Dr. Broumand.

You’re welcome, and thank you for sharing information about the patients we treat.

You’ve been trained by some recognizable names in oral surgery, including Dr. Robert Marx, correct?

Yes, I completed my oral surgery residency at the University of Miami under Dr. Bob Marx, and after, I continued my training with a fellowship focused on head and neck tumor and reconstructive surgery.

I’ve now dedicated my practice to tackling the more difficult cases that many clinicians aren’t interested in treating.

At Desert Ridge Oral Surgery, you treat many patients with almost no maxilla. How or why do you get referred so many patients in this situation?

Many of these patients have simply outlived their initial all-on-four treatments. For most of these patients, the all-on-four was a great surgical and restorative procedure that lasted 15 to 20 years.

Now, because of many different factors—including the patient’s home care—the prosthesis and implants had to be removed, the peri-implantitis treated, and often the result is the patient has lost almost all of the maxillary bone.

In order to help these patients, I now perform both zygomatic and pterygoid implant procedures using specific tools, including W&H’s new handpiece and a specially designed retractor.



• Chuck Harper, director of sales & marketing, oral surgery & implant surgery, for W&H. (Photos/Provided by W&H)



• Dr. Vishtasb ‘Vishy’ Broumand, Desert Ridge Oral Surgery in Scottsdale, Ariz.

Have you always used W&H motors and handpieces?

Yes, I’ve used W&H and other brands throughout my career ... and W&H has been the tool that I can always count on. In fact, this year we had to replace two motors that I’ve been using to treat patients for almost 20 years. These were basic systems, but they just kept working—they were so reliable. Nearly every other tool or device in my surgical practice has been replaced two or three times, but the W&H motors and handpieces have kept running.

But I know you’ve had handpieces serviced during that time.

Sure, all handpieces have moving parts inside, and all handpieces will require maintenance occasionally. I appreciate how W&H handles repairs and how quickly our equipment returns back to the practice.

I recently welcomed an associate into the practice, and we had four older handpieces that went in for service at the same time. Once the handpieces were received, W&H sent us an email with a quotation itemizing everything that needed to be done. After my team approved the work, everything was in route back to us within a day.

It’s impressive to get our repaired equipment back from W&H so quickly,

and it allows our practice to keep running smoothly.

You also use the 1:2 surgical handpieces from W&H, correct?

Yes, I’ve had the longer nose S-12 handpiece for years. I use it to section teeth, and it runs like a champ—on the same motor that I use to place implants.

I’m looking forward to using the new S-16 handpiece on patients this year. I’ve heard great things about this new handpiece from other surgeons that use it exclusively for thirds.

It just makes sense to have only one system in each operatory that can handle all of the surgical procedures. We appreciate the reliable, quality equipment in addition to the variety of handpieces W&H offers.

What does the future hold for you?

Well, Dr. Kirchhofer will be growing his practice and providing great care to the patients he is treating. I will continue to treat patients but will also be teaching. A lot of patients are referred who need extensive work, including zygomatic and pterygoid implant surgeries, plus the immediate dentures, and some of these patients don’t have the ability to pay \$30,000 to \$50,000 for the procedure.

So, I will continue to invite clini-

Here in New Orleans

To learn more about W&H and its products and solutions, schedule a demonstration with the sales team or stop by the booth, No. 924. To learn more about Dr. Vishtasb ‘Vishy’ Broumand’s Total Dental Implant Solutions, head to totaldentalimplantsolutions.com or call (480) 284-8087.

icians to learn through Total Dental Implant Solutions while giving these patients an amazing result without charging them for the care we deliver during the course.

Together, oral surgeons and the restorative team can deliver so much for the patients. It is emotional for patients to begin surgery with no teeth and then wake up from sedation with a fixed, 3-D printed prosthesis in their mouth. The patient responses are dramatic, particularly for those patients who have been told by multiple dentists that their only option is a 4 to 6 mm thick removable denture. Now, by using zygomatic and pterygoid implants, along with our all-digital workflow, we can provide same-day functional and natural looking teeth for all patients.

It isn’t easy, but it is one of the most rewarding things I’m blessed to be able to do.

AAOMS Booth 920

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TYPE OF LOUPES	VIEWABLE AREA	FIELD DIAMETER
Galilean	10 cm ²	3.5 cm
Micro-EF	20 cm ²	5.0 cm
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Panoramic	65 cm ²	9 x 7 cm

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AAOMS
Booth 920

Solution for digital impressions: NeoScan 1000

By Neoss Group Staff

■ Neoss Group is bringing dental professionals into the 21st century with its brand new, easy-to-use intraoral scanner.

This accurate, compact and lightweight scanner provides the possibility for a flexible workflow with totally open files, making the output very easy to share amongst the dental team. With a USB cable connection and full-touch screen support, the NeoScan 1000 will excite dental professionals alike and comes at an affordable price, according to the company.

“The NeoScan 1000 is a revelation. At this price, why wouldn’t anyone add this scanner to their office technology? Providing an easy scanning system with cloud storage in a lightweight and transportable package, this makes total sense for the first-time users or someone that wants to add another scanner to their armamentarium,” said Robert Ritter, DMD, of Florida.

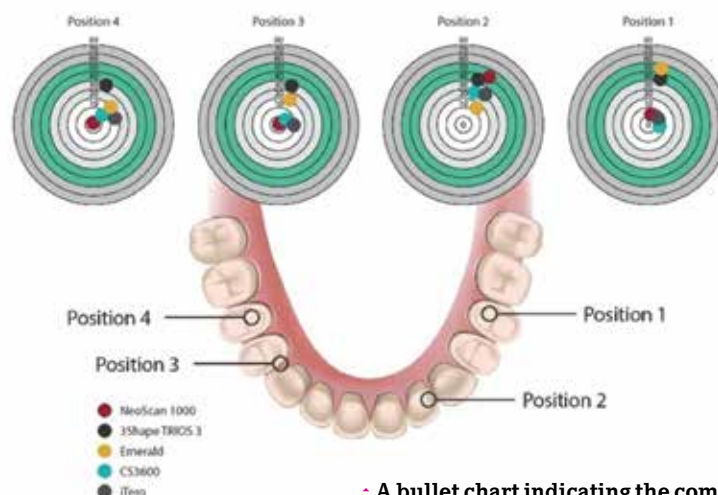
Not only has NeoScan 1000 quickly



• The NeoScan 1000 intraoral scanner. (Photos/Provided by Neoss Group)

become a favorite amongst the initial testers, the company asserts, but it has also produced impressive results in comparison to other intraoral scanners on the market, as discovered by Dr. Michael Braian of Sweden (see chart).

In addition to the intraoral scanner offering from Neoss, The NeoPro software that accompanies the scanner enables users to produce restorations in their own practice or connect to industrial production. Designed to make digital impressions easy and fast, it’s an open system and includes features such as scan history management, smart reminders, margin line tools, inspection and measurement. Digital impression data sharing and



• A bullet chart indicating the comparison of inter cylindrical precision on a dentated model.

Here in New Orleans

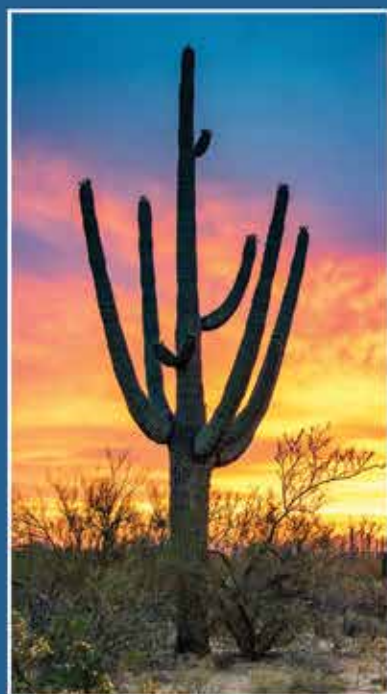
To see the NeoScan 1000 for yourself, visit the Neoss booth, No. 555.

order communication are designed to improve workflow efficiency. With the integrated cloud storage, NeoConnect

offers a communication tool for data transfer and communication with users’ laboratory, providing a seamless and efficient process, according to the company.

To discover more about the NeoScan 1000 and to book a product demonstration to see the results for yourself, visit www.neoss.com/neoscan1000.

AD

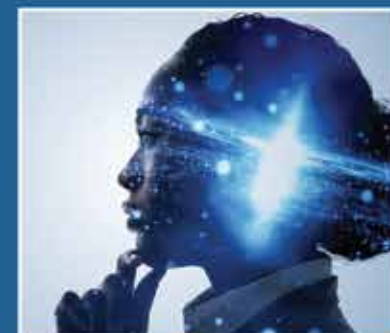


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Case Study - Ridge Augmentation Using SalvinOss[®] Xenograft Bone Material

Case & Photos: Dr. Mitchel Godat



Severely Pneumatized Sinus Cavity



12 Month Post-Op Radiograph



"I have been using SalvinOss[®] for many years to increase bone volume for space preservation prior to implant placement. SalvinOss[®] is excellent for sinus lifts, ridge augmentation, and other GBR / GTR procedures with very predictable long-term results."

-Dr. Mitchel Godat, Periodontist, Memphis, TN



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- Plug Shape Helps Make Socket Preservation Fast & Simple
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Case Study - Socket Preservation Using SalvinOss[®] Collagen

Case & Photos: Dr. Tyler Borg



Plug Shape For Easy Socket Preservation And Crestal Sinus Lift



"SalvinOss[®] Collagen has become a staple of my practice for regeneration as well as augmentation. The ease of handling coupled with the volumetric stability produces predictability in grafting situations around both teeth and implants alike."

-Dr. Tyler Borg, Periodontist, Northglenn, CO

Innovations to expand your vision

By Designs for Vision Staff

■ Designs for Vision has launched several game-changing loupe and headlights designed to change the way you work for the better.

One of Designs for Vision's several new products lines includes the new patented Panoramic Field Loupes (US pat. 8928975B2).

The Panoramic Loupes 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, definition and color, the company asserts.

Are you experiencing back or neck pain or want to prevent musculoskeletal injuries by improving your posture? The Infinity VUE Loupes by Designs for Vision may be your answer.



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

The Infinity VUE allows you to keep your head in a neutral position while the loupe does the bending for you. The Infinity VUE is available in 3.0x, 3.5x and 4.5x magnifications.

Designs has also added the Micro Series Loupes. The Micro 3.0EF has a field of view of 100 mm and weighs less than 70 grams.

The Micro Series includes the REALITY 5 Star rated Micro 3.5EF Scopes and Micro 4.5EF Scopes, utilizing an 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 view of the oral cavity.

Designs for Vision is also introducing patented (US pat. 8,851,709

Here in New Orleans

To learn more about any of Designs for Vision's products, stop by booth No. 920.

and RE46,463) hands-free infrared technology with the WireLess IR HDi and the Micro IR HDi headlights. The patented IR feature allows you to operate the headlight without touching the system.

The IR headlights use a built-in infrared signal to allow you to turn the light on or off simply and safely. Onboard biometrics sense the position of the headlight to filter out unintended signals while working.

You can see the Visible Difference for yourself by visiting the Designs for Vision booth, No. 920, here at the AAOMS Annual Meeting, or you can contact the company to arrange a visit in your office by calling (800) 345-4009 or emailing info@dvimail.com.

How one doctor placed his own implants using robotic-assisted dental implant technology

■ Dr. Bruce Smoler is recognized for achieving a superior level of clinical excellence, a Diamond Doctor of Excellence by Neocis, the provider of the state-of-the-art robotic-assisted dental implant technology called Yomi.

Along with Smoler, his practice, Smoler Smiles, is recognized as a Diamond Center of Excellence for learning, embracing and excelling with the robotic-assisted technology for their patients.

Smoler and his highly trained team have achieved the Diamond Level, Center of Excellence by demonstrating their clinical expertise by performing a vast number of dental implants placed with the Yomi Robotic-Assisted Technology Device.

This level of excellence also awards Smoler for his mastery of skills and technology while embracing the autonomous procedures with the Yomi Robotic System.

In becoming comfortable and mastering the technique with the first and only FDA-approved robotic device, Smoler has placed his own

Here in New Orleans

For more information on Yomi, the robotic-assisted technology device, stop by the Yomi by Neocis booth, No. 625.

implant using the robotic-assisted dental implant device.

"If it's good enough for me, then it's good enough for my patients," Smoler said.

This state-of-the-art implant robotic technology ensures highly accurate and desired implant placement for patients in need of a dental implant. The technology offers a minimally invasive, time-saving approach that is more precise than the human hand. Patients benefit from less time in a chair, fewer visits and greater comfort with a faster healing time.

"At Smoler Smiles, we believe no one should have to suffer from the problems of missing teeth, poor fitting dentures and partials. Our goal is to help all suffering patients enjoy transformational dentistry, allowing



• **The Yomi by Neocis. (Photo/Provided by Neocis)**

them to live life to the fullest and enjoy the simplest of pleasures in everyday living," Smoler said.

Features and benefits of the Yomi dental implant robotic system include:

- **Minimally invasive:** Dentists are able to provide treatment with smaller incisions and no sutures resulting in minimal pain.
- **Efficient treatment:** New robotic

technology allows same-day implants. Less time in the dental chair, fewer visits and faster healing results in a savings of both time and money.

- **Accuracy:** Dentists can plan and place patient implants precisely for a return to dental function and a brilliant smile.

(Source: Smoler Smiles)



Your solution for *digital impressions*

NeoScan™ 1000

COME VISIT
US AT
BOOTH #555



- ✓ Easy to use
- ✓ Fast scanning
- ✓ High precision
- ✓ Attractive price

The NeoScan 1000 is a fast and easy-to-use intraoral scanner that provides the possibility for a flexible workflow with open and compatible output.

With a simplified cable connection, full-touch screen support, and without the need for powder or pre-heating, the NeoScan 1000 is what your practice needs and it comes at the right price!