DENTAL TRIBUNE

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INTERDENTAL BRUSHING IS FOR EVERYONE

Study shows daily use can reduce the number of disease-causing bacteria.

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NEW INNOVATIONS TO EXPAND YOUR VISION

These loupe and headlight designs just might change the way you work forever.



IMPLANT TRIBUNE

READY TO CELEBRATE

The AAID celebrates Dental Implants Month with annual conference.

► page B1



It's not too late to register for AAOMS

You can also continue earning C.E. credits with CDA's online courses

you missed out on trips to New Orleans and San Francisco for the AAMOS Annual Meeting, Scientific Sessions and Exhibition and the CDA Presents The Art and Science of Dentistry, respectively, there's no need to fret. Thanks to online educational platforms, you can still join the learning and

This year's AAMOS meeting 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.

Available through Dec. 31, with registration open until Nov. 30, virtual attendees have access to a wide variety of on-demand classes. This year, the annual meeting's clinical education features 12 tracks covering the entire OMS scope of practice: anesthesia, cosmetic, dental implants, dentoalveolar, head and neck, orthognathic, OSA, pathology, pediatrics and cleft, reconstruction, TMJ and

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

In addition to educational sessions, virtual attendees also have access to the Virtual Exhibit Hall, which features all the in-person companies. Attendees to the virtual hall will be able to highlight

► See AAOMS, page A2



The colors and magic of New Orleans are evident in a stilt walker making her way through the exhibit hall at the AAOMS Annual Meeting. Photo/Humberto Estrada, Dental Tribune

DENTAL NEWS

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- · America's ToothFairy: National Children's Oral Health Foundation celebrates dental hygienists as part of 'My Smile Matters' campaign.
- The future of digital dentures is at exocad Insights 2022: An interview with Dr. Lori Trost, a comprehensive restorative dentist from the St. Louis, Mo., area.
- Foundation Nakao for Worldwide Oral Health launching new round of research grant applications.

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- Curaden: Young people need to brush interdentally, too.
- •Designs For Vision: New innovations to expand your vision.

IMPLANT TRIBUNE

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- Celebrate Dental Implant Awareness Month with AAID.
- Growing numbers of women entering the profession.

ADA holds first-ever Dental Olympics at SmileCon



ADA SmileCon 2022 will take place Oct. 13 to 15 at the George R. Brown Convention Center in Houston, Texas. Photo/Matt1220, wikimedia

Show your support for the Longhorns, applaud for the Aggies or root for the Red Raiders at the first-ever Dental Olympics during ADA SmileCon 2022, where Texas dental students will participate in a series of competitive events.

Opening the new Dental Olympics will be Tara Peterson, DDS., a member of the U.S. National Curling Team who participated in the 2022 Winter Olympics in

The Dental Olympics will take place on Oct. 14 and 15 during SmileCon in Houston, Texas, at the George R. Brown Convention Center.

Dental students from all four Texas dental schools, including Texas A&M

University, UT Health Science Center at Houston, UT Health Science Center at San Antonio and Texas Tech University Health Science Center El Paso, will take part in three events: "Dental Jeopardy," Social Media Competition and "Putt for

The Dental Olympics are sponsored by Pacific Dental Services, and the winning team will be announced at SmileCon's closing session on Oct. 15 and receive the first-ever Dental Olympics trophy.

"The ADA is eager to begin a new tradition at SmileCon this year with the ad-

► See OLYMPICS, page A2

America's ToothFairy celebrates hygienists as part of 'My Smile Matters' campaign

America's ToothFairy invites all dental professionals to join in during the month of October, Dental Hygiene Month, to spread awareness about why smiles matter for overall good health and success in life and the value dental hygienists bring to the health of children.

"Parents sometimes see tooth decay as an inevitable part of childhood," said Jill Malmgren, executive director of America's ToothFairy. "Through this campaign, we hope to encourage families to make good oral health a priority by shining a light on the many ways healthy smiles have an effect on our overall health and success throughout a lifetime."

My Smile Matters also aims to promote the importance of routine, professional dental hygiene appointments through public-facing campaign activities that include:

- · A robust social media kit that contains colorful graphics and suggested text for 25 posts.
- · A campaign T-shirt to be worn on World Smile Day.
- · An opportunity to nominate an outstanding dental hygienist to receive national recognition and a prize package



To participate

Visit MySmileMatters.org for campaign notifications and free resources.

- and oral health educational materials for
- sources and more.

have already begun to join our effort by

accessing the free resources available on the campaign website in preparation for the launch of the campaign on Oct. 1."

You can sign up to receive campaign notifications and access free awareness materials and resources at MySmile Matters.org

America's ToothFairy increases access to oral health care by supporting nonprofit clinics and community partners delivering education, prevention and treatment services for underserved children. For more information, visit AmericasToothFairy.org.

(Source: America's ToothFairy: National Children's Oral Health Foundation)

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that includes a Waterpik Aquarius water

- A challenge to provide toothbrushes
- · Free downloadable educational re-

"This is one of our largest awareness campaigns so far," Malmgren said. "We are excited to see that dental professionals and educators from across the nation

Attend next year's meetings

The 105th AAOMS Annual Meeting will be held

Sept. 18 to 23, 2023, in San Diego, Calif., at the San

Diego Convention Center and Hilton San Diego

Bayfront. More information will be available

The next CDA Presents The Art and Science of Den-

tistry will be held May 18 to 20, 2023, in Anaheim,

Calif., followed by Sept. 7 to 9 in San Jose, Calif.

at AAOMS.org/Events.

CDA online

in 2021, features live and on-demand courses designed just for dental professionals. The courses and events are selfpaced, available on-demand 24/7 and are offered in new formats that accommodate various needs and preferred learn-

You can register for courses at www. cda.org/Home/Education/Learning/ Online-Learning. You will be able to complete all courses at your own pace.

(Sources: American Association of Oral and Maxillofacial Surgeons and the California Dental Association)

◆See AAOMS, page A1

and "favorite" booths, write notes about exhibitors and easily find products. Exhibitors can be searched by category, company name and more.

Online booths will feature brochures. images and weblinks as well as the ability to learn more about the company with social-enabled exhibitor profiles.

To learn more or register for the virtual meeting, go to www.aaoms.org/ meetings-exhibitions/annual-meeting/ 104th-annual-meeting.

◆See OLYMPICS, page A1

dition of our first-ever Dental Olympics," said Cesar R. Sabates, DDS, president of the ADA. "We're looking forward to cheering on local dental school students alongside the Texas Dental Association (TDA) and the Greater Houston Dental Society (GHDS) by engaging the surrounding communities in this exciting, new competition."

The local students from all four Texas dental schools will participate in the events at Dental Central Hall C., booth No. 2303, where attendees can cheer on their favorite teams.

The first-ever Dental Olympics will ad-

here to the following schedule of events:

The California Dental Association's on-

line education program, which launched

• Day 1: Friday, Oct. 14, from 2:30 to 3:30 p.m., includes the first round of Dental Jeopardy and the Social Media Competition where team member work to get the most likes or followers from Friday morning to Saturday morning.

Day 2: Saturday, Oct. 15, from 10 to 11 a.m., includes the "Putt for Points" contest and final round of Dental Jeopardy between the top two teams.

"Supporting the growth and development of organized dentistry elevates the entire dental industry, which better serves oral healthcare professionals and ultimately their patients," said Gary J. Pickard, senior director of government and industry affairs at Pacific Dental Services. "The Dental Olympics at Smile-Con 2022 will offer all attendees a truly unique experience, an innovative way to participate in our industry's biggest meeting and a new opportunity to engage with their colleagues. We are honored to help bring this exciting event to

"SmileCon is a way for the ADA to celebrate our members and association's camaraderie," Sabates said. "We're excited to embrace our future dentists to include them in our community early on and support them as the future of our industry.'

> (Source: American Dental Association)

Tell us what you think!

Do you have general comments or criticism you would like to share? Is there a particular topic you would like to see articles about in Dental Tribune? Let us know by sending an email to k.colker@ dental-tribune.com. We look forward to hearing from you!

CDA Booth 901

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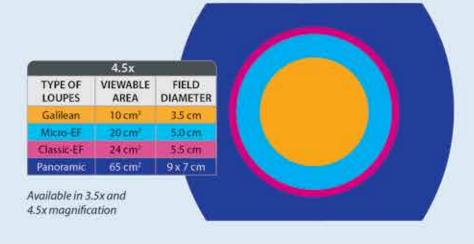


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CDA Booth 901

The future of digital dentures is at exocad Insights 2022

By exocad Staff

Exocad will host its third Insights event on Oct. 3–4, in Palma de Mallorca, Spain. At the event, dental industry headliners will present their restorative cases and share insights with other dental technicians, dentists and industry partners in attendance

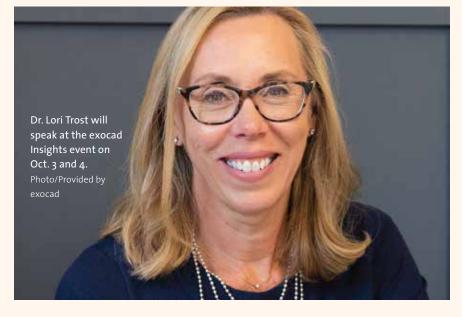
Dr. Lori Trost, a comprehensive restorative dentist from the St. Louis, Mo., area with more than 30 years of experience, will share a presentation on why colleagues can "Start Loving Dentures."

Trost took a few moments to talk about how digital workflows are improving denture work and why Insights is a must-see event.

What will you present at exocad Insights 2022?

The Insights event is an amazing opportunity to share patient cases with the audience, show the steps and the digital workflow, and demonstrate the results that can happen when you lean on technology. I'll talk specifically about digital dentures and how that process has greatly improved.

In the past, there were many handson steps for dentures. The process was laden with issues of inaccuracies. Now, with digital technology, we can produce something that's more accurate and do so more efficiently. And accuracy in the real world translates to happier patients,



fewer adjustments and fewer appointments. We are now able to deliver results faster, easier, quicker, better, and patients are thrilled.

Can you share some examples of how your work has improved with digital workflows?

Last week, I delivered two immediate dentures, and I saw both patients 24 hours post-op. Neither needed adjustments. To get those results and to have patients be that satisfied is amazing. I'm going to share those types of experiences at Insights and hopefully build ex-

citement because this is the forefront of what's coming, and it will only get better.

Any other advice for colleagues looking to evolve their practice?

I believe that it's such an exciting time to be a dentist now. For instance, if you look at the past 15 to 20 years, we had an onslaught of adhesive dentistry. Almost everyone can now do really refined bonding. We've mastered that.

Now let's back up and take a look at those patients who need dentures. In the same way that adhesive dentistry developed, technology is now emerging for

To attend

To learn more or to register for the conference, head to *exocad.com/insights2022*.

these edentulous patients. I see a lot of excitement with other doctors who support this population of patients. We can offer them substantially better care now, and to be able to deliver a high-quality product is very motivating.

What do people gain from attending Insights?

Any time that you can gather with colleagues and further your process, knowledge and understanding is worth it. Going to a meeting like this is important because it sets the stage for collaboration across the aisle — by that, I mean with labs, software platforms and clinical dentistry. It's a wonderful merging of interests that no other meeting offers right now. I find it really exciting.

At Insights, you have some of the best minds in our profession come together and have open conversations. I encourage everyone to take advantage of that and to have one-on-ones with your peers.

Any final thoughts?

If you're on the fence about whether you should go — go! Because you'll come away with a great sense of what's coming. These developments are going to be a tidal wave and really push dentistry in a great direction.

Foundation Nakao for Worldwide Oral Health launching new round of research grant applications

Dental academics and clinicians are invited to apply for a research grant from Foundation Nakao for Worldwide Oral Health. This is the fourth round of funding made available by the prestigious organization since its founding in 2018.

Foundation Nakao supports clinical trials and research in important topics, such as minimum intervention dentistry and oral health of the elderly.

Successful applications will receive funding for their projects, up to \$52,000 per year in addition to wide exposure among dental professionals, the greater dental industry and the general public of each study's outcomes and achievements. Foundation Nakao will provide

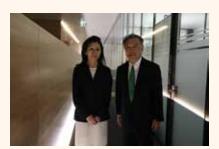
funds for up to two years for a maximum grant total of \$104,000.

Applications will be open until Dec. 4, via the application form on the Nakao Foundation site: www.foundation-nakao. com/applications.

Advancing oral health research

Foundation Nakao for Worldwide Oral Health's third round of grant applications took place in September 2021, and six studies were awarded the research grant. Applicants represented the following categories: government and nongovernment organizations, universities, research institutions and more.

Foundation Nakao supports academic



Makiko Nakao, president of Foundation Nakao, left, and her husband, Makoto Nakao, former chairman of GC Corp. Photo/Provided by Foundation Nakao

research and clinical studies contributing to its founding goal, which is the improvement of oral health and subsequent raised quality of life of all people in the world.

"The inspiration for the foundation came from a topic that is very close to our hearts: the impact of oral health on quality of life," said Makiko Nakao, president of Foundation Nakao for Worldwide Oral Health, at its official launch in 2018. "My husband and I believe that dentistry has a fundamental role to play in the health and longevity of people around the world. We look forward to seeing this becoming a reality through the activities of the foundation."

(Source: Foundation Nakao)



Young people need to brush interdentally, too

"Dental professionals should instruct young patients to brush interdentally daily," said Prof. Denis Bourgeois. "This is important in order to avoid periodontal and systemic disease later in life."

Bourgeois was part of a team of researchers who evaluated the effect of daily interdental brushing in healthy young adults.

The results of the study showed that even the biofilm of healthy young adults contains pathogens responsible for periodontal disease.

Fortunately, daily use of interdental brushes can reduce the number of disease-causing bacteria and restore a healthy balance in the mouth.

For the study, which was conducted at the Université de Lyon in France, 19 different periodontal bacteria — including Porphyromonas gingivalis, Treponema denticola and Tannerella forsythia — were identified in the interdental biofilm of 25 participants. All the participants were between the ages of 18 and 35 and had no clinical signs of gingivitis.

The French researchers then aimed at evaluating how efficient daily calibrated interdental brushing was in reducing the number of periodontal pathogens in the young participants' mouths. During the course of three months, the number of bacteria associated with periodontal disease decreased drastically, allowing a reversion to a healthy symbiosis of the interdental microbiota.

The percentage of the test sites bleeding on interdental brushing was reduced from 68 percent to 10 percent, a reduction of 85 percent.



The interdental space: Crucial but overlooked

"The explanation for the large number of pathogens in the interdental spaces of seemingly healthy young people is that the interdental space is an ecological niche where traditional brushing methods fail to disrupt biofilm," explained Bourgeois, co-author of the study.

A pioneer of oral prophylaxis, Bourgeois has conducted research on interdental biofilm management and interdental brushing techniques, both of which are yet to become commonplace.

"Using a normal toothbrush should be inseparably linked to using calibrated interdental brushes. The daily disruption of the interdental microbiota is crucial in order to re-establish and maintain symbiosis of the oral microbiome," he said.

"Interdental brushing should be universal," Bourgeois continued. "It does not only apply to adults with a history

of periodontal or peri-implant disease. Interdental brushing should be a daily habit also for young people. The argument that it is not possible to penetrate narrow, healthy interdental spaces is no longer valid. The newest generation of interdental brushes are small enough to access 99 percent of the interdental spaces of healthy young adults."

Calibration is key

Interdental brushes are the most efficient when the bristles fill out the interdental space completely. For this reason, it is necessary for dental professionals to calibrate their patients' interdental spaces.

"Calibration means determining the correct diameter of interdental brush so that it will come into contact with all of the tissue surfaces of the interdental space where the microbiota are located," said Bourgeois. "For our study, we used Cura-

prox's interdental access probe to determine the necessary diameter. The probe is fundamental, compulsory. It is like a tuning fork for interdental prophylaxis."

The role of dental professionals

Dental professionals should provide patients with the knowledge, tools and techniques they need in order to disrupt their interdental microbiomes on a daily

"Dental universities need to teach individual prophylaxis to students," said Bourgeois. "Dental professionals should practice what they preach and, in turn, teach patients. Learning about the right brushing techniques and tools is a job for dental professionals. Then, it is their responsibility to pass this knowledge on to their patients and guarantee them an optimal quality of life."

Bourgeois concluded: "If every dental professional were to instruct patients about interdental brushing from adolescence, we would be able to prevent dental and periodontal complications caused by microbiota in adulthood. The positive impact this would have on patients' systemic health and well-being would be an added bonus."

The study, titled "Calibrated interdental brushing for the prevention of periodontal pathogens infection in young adults — a randomized controlled clinical trial", was published online on Oct. 22, 2019, in Scientific Reports.

For more information, visit www. curaden.us.

(Source: Curaden)

New innovations to expand your vision

By Designs for Vision Staff

Designs for Vision has launched several game-changing loupe and headlight designs 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.

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 3.0EF to the award-winning 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 REALITY 5 Star rated Micro 3.5EF Scopes and Micro 4.5EF Scopes, utilizing a revolutionary optical design that reduces the size of the prismatic telescope by 50 percent and reduces the weight by 40 percent while providing an expanded field view of the oral cavity.

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

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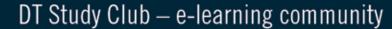


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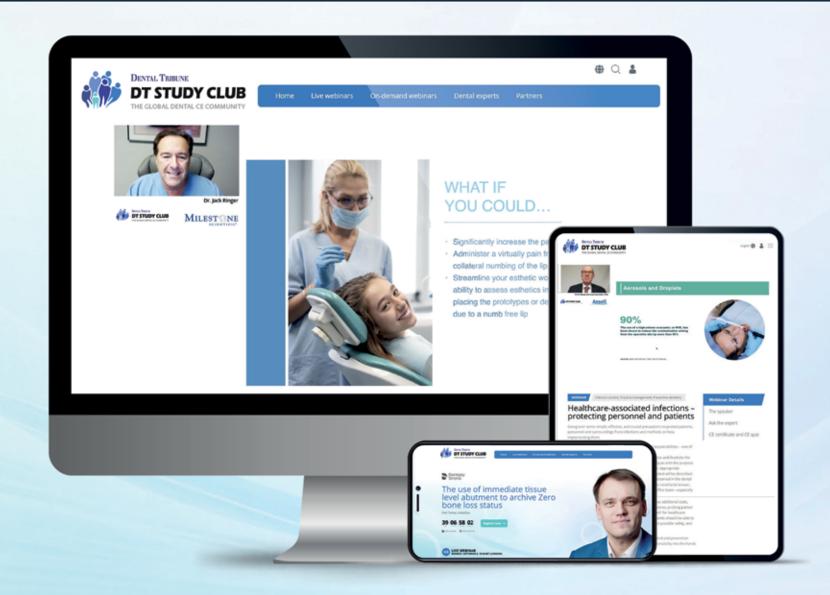
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Celebrate Dental Implant Awareness Month with AAID

On the agenda: the annual conference, a new blog and videos

eptember is Dental Implant Awareness Month, sponsored by the American Academy of Implant Dentistry (AAID). This month emphasizes the need to educate the public about the life-changing benefits of dental implants and connect them to a search tool to find a credentialed dental implant expert in their area.

Dental implants help more than 3 million U.S. residents live life to the fullest, so people must be educated, given the proper resources and understand the full benefits of receiving the best care and tooth replacement options. Myths and wrongful stereotypes about dental implants restrict the life-changing opportunities dental implant surgery presents and cause stigmas deterring people from receiving care.

Dentists can help their patients get the most useful information by directing them to connect.aaid-implant.org/ answers-from-aaid-credentialed-dentists. There they can watch short videos to



Dr. Hussam Batal presents his Main Podium session on 'Impact of Medical Comorbidities on Implant Therapy' during the 2022 AAID Annual Conference in Dallas. Photo/Lee Colquhoun, Implant Tribune

hear answers to common questions from AAID-credentialed dentists.

"After decades of successful use, I'm still surprised by how much misinformation or a lack of actual information circulates about dental implants," said AAID President Dr. Brian J. Jackson, DDS, FFAID, DABOI/ID, in his new blog Stick to the Facts About Dental Implants.

Jackson joined his colleagues and other

AAID-certified implantologists at the 2022 Annual Conference in Dallas, from Sept. 21 to 24 to share best practices, solutions to complex cases and emerging technologies.

For those who missed the in-person meeting, you can still register and access the happenings on-demand through Dec. 21

All the Main Podium sessions as well as

All-Star lectures, a new feature this year that consists of 13 additional 90-minute sessions, are available online. Virtual attendees can also visit the Virtual Implant Expo.

To learn more or to register, visit *AAID-Annual2022.com*.

(Source: American Academy of Implant Dentistry)

Growing numbers of women entering the profession

AAID-credentialed women dentists reflect on their career choice

According to the American Dental Association, women make up a recordbreaking 56 percent of incoming dental students, almost tripling the percentage who were first-year students in the '80s.

Three female dental leaders who have several decades of experience between them are AAID-credentialed dental implant experts Janice Wang, DDS, DABOI, Jasmine Sung, DDS, DABOI, and Polly Michaels, DMD, DABOI.

Sung believes recognizing and replacing teeth with dental implants is imperative to improving the quality of life of her patients. "My patients have become like family. They need to be comfortable with their procedures, so I strive to provide the highest quality care with integrity," she said.

After six years as a hospital-based dentist, Michaels started her own practice in 2010. She believes her experience with medically compromised patients allows her to complete complex surgeries with a

more predictable, long-term outcome in implants and prosthetics.

"Any existing issues are magnified in a medically complex patient, so it is of utmost importance that the care I provide is customized for each patient's success," she said

Wang describes AAID's program as the "best and safest practices in dental implantology — protecting the general public and providing dentists with extensive education and levels of credentials." With 19 years of experience in implantology, from extractions and bone grafts to implant placements and restorations, she

has found that "implants are usually the only logical, comfortable and conservative solution" for clients with missing or failing teeth.

Sung, Michaels and Wang have found great satisfaction in using their dental implant-focused training to change the lives of those needing replacement teeth. To learn more their professional journeys, watch their videos at connect. aaid-implant.org/answers-from-aaid-credentialed-dentists and read their articles on the connect.aaid-implant.org/blog.

(Source: AAID)