

A CLEAR ALIGNER THAT SAVES YOU AND YOUR PATIENTS TIME

Study shows three of four patients don't require any refinements.

► page A4

**NEW INNOVATIONS TO EXPAND YOUR VISION**

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

► page A6

**IMPLANT TRIBUNE AAP AWARD WINNERS**

Organization honors those who've made an impact on periodontics.

► page B1



Chicago Midwinter Meeting heats up

By Aaron Rothkopf, Dental Tribune Staff

If you're heading to the Chicago Midwinter Meeting, taking place Feb. 23 to 25, you'll need to pack warm clothes and an open mind as the three-day event is set to showcase more than 140 speakers and offer more than 240 different programs covering a wide range of topics within the industry.

Dental professionals from across the country are scheduled to speak on a wide assortment of topics, ranging from hygiene to digital dentistry, implants and technology.

Some of the many sessions you can attend include Todd Snyder's "Ceramic Veneers: Systems and Secrets to Create Ultimate Smiles," David Clark and Lauren Yasuda Rainey's session on "Epidemic of Cracked Teeth, From Mild to Wild" and

Charles Loretto's "Owning Your Dental Practice, Bridge to Financial Freedom."

This year, the exhibit floor will feature the latest products for dentists and their teams to test out and purchase.

And there are several special events planned as well, including a general session, early career dentist reception, a dental student reception as well as a culminating event Saturday night, the President's Dinner Dance, at the Hyatt Regency Chicago Hotel.

Attendees looking for C.E. credit will have ample opportunities. Credits range from 1.5 credits for short lectures, 3 credits for longer lectures and 3 to 6 credits for workshops. Visiting the exhibit hall daily will also net attendees 1 C.E. hour per day for a total of three hours over the three-day event.

► See CHICAGO, page A2



Attendees stroll through the Chicago Midwinter Meeting exhibit hall during the 2022 show. This year, the meeting is being held Thursday, Feb. 23 to Saturday, Feb. 25. (Photo/Dental Tribune Staff)

INDUSTRY**A4-A6**

- 3 out of 4 SureSmile Clear Aligners patients require no refinements.
- Designs for Vision: New innovations to expand your vision.

ORGANIZATIONS**A7**

- ADSO leading on solutions to dental staffing challenges with Workforce Task Force launch.

EVENTS**A8**

- Hinman Dental Meeting coming in March; business leader and author Dr. Nido Qubein to be the keynote speaker.

IMPLANT TRIBUNE**B1**

- The AAP celebrates award winners.
- Gum inflammation parallels novel 'cytokine score': Higher levels of cytokines in saliva match greater gum inflammation.

ADA Foundation kicks off 21st year of GKAS

The American Dental Association Foundation announces the 21st year of its Give Kids A Smile (GKAS) program, which officially launched at a national kick-off event in St. Louis, Mo., where the program first began.

Since its national launch in 2003, GKAS volunteers have provided free oral health education and services to more than 7 million underserved children in the United States.

In 2023, nearly 1,200 GKAS events are scheduled to take place throughout the United States, and it is estimated that approximately 300,000 underserved children will receive free oral health education, screenings and preventive and re-



storative services, such as cleanings and fillings. These services will be provided

by approximately 30,000 dentists and dental team members who volunteer at local GKAS events, using essential oral health care products donated by national sponsor, Colgate-Palmolive, as well as Henry Schein and its supplier partners.

"What began as a grassroots effort in St. Louis has become a national movement to ensure access to quality oral health care for all children," said Dr. Craig Armstrong, chair, American Dental Association Foundation. "The success of GKAS would not be possible without dental professionals who volunteer at local events each year in addition to national sponsors, Henry Schein and Colgate. My sincere appreciation and thanks to all

who have been a part of the program, some from the very first day. We are all involved for the right reason — to Give Kids A Smile and help children in need."

Since the program's inception, Henry Schein has contributed more than \$20 million in oral health care products in partnership with its supplier partners. Team Schein has also provided thousands of hours preparing and sending more than 40,000 dental kits to ensure volunteers had the supplies to deliver much needed oral health care.

For more information about GKAS, visit www.adafoundation.org/GKAS.

(Source: ADA Foundation)

◀ See CHICAGO, page A1

There is still time to register for many of sessions you may be interested in attending, although several of them require a fee. Make sure you have your badge with you at these sessions since the scan and the verification code are necessary for you to receive the credit.

Bruce Christopher will give the keynote address on Thursday morning to kick off the meeting. Known as America's foremost "Enter-Trainer", Christopher is a licensed psychologist who has spoken at numerous dental conventions across the United States. His humorous approach to what impacts our personal, professional and practice lives is achieved through his mission: "Laugh till you cry, learn till you change"

After a good belly laugh from Chris-

topher, why not fill your belly with ice cream? That's right — ice cream in Chicago in February! As part of this year's event, enjoy your favorite flavor while networking with colleagues and learning about the latest dental innovations and technologies from more than 450 exhibitors on the exhibit hall floor.

And if ice cream isn't your thing, Friday offers another opportunity to network as part of Brews and Bargains, where you can meet with colleagues and new friends while having a beer.

If you're looking to continue the fun after the meeting ends each day, the city of Chicago has plenty of attractions to fill your evenings. The Willis Tower, formerly the Sears Tower, is a top attraction in the Windy City. Conquer your fears and visit The Ledge, a glass balcony that juts out 1,353 feet in the air for amazing views of Chicago. The Willis Tower is open each

night until 8 p.m., and admission is \$22.

Art lovers have plenty of options, including The Art Institute of Chicago. Stroll through the galleries and view Van Gogh's "The Self Portrait," one of the more than 300,000 pieces of art on display.

And for attendees looking to boost their step count, take a stroll down The Magnificent Mile. With more than 450 shops and restaurants, this portion of Michigan Avenue has something for everyone. Shops such as Macy's, Bloomingdale's and Nordstrom line the street along with dozens of restaurants featuring food from around the world.

For even more information on the Chicago Midwinter Meeting, head to www.cds.org/midwinter-meeting. And if you can't make it this year, it's never too early to plan ahead. The 2024 meeting will take place Feb. 22 to 24.

AD

BE PROUD OF YOUR MOUTH

Good oral health leads to a lifetime of smiles

GET INVOLVED
worldoralhealthday.org

World Oral Health Day
20 March

fdi
FDI World Dental Federation

Global Partners: UNICEF, Dentsply Sirona, HALOON

Global Supporters: WRINGLEY, LISTERINE, SmileTrain

@worldoralhealthday #MouthProud #WOHD23

DENTAL TRIBUNE

The World's Dental Newspaper - US Edition

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

EDITOR IN CHIEF DENTAL TRIBUNE

Dr. David L. Hoexter
feedback@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

TRADE SHOW & EVENTS COORDINATOR

David Echevarria
dechevarriadtus@gmail.com
clientadcoordinatoratus@gmail.com

ACCOUNTING COORDINATOR

Nirmala Singh
n.singh@dental-tribune.com

Tribune America LLC
118-35 Queens Blvd, Ste 400
Forest Hills, NY 11375
(212) 244-7181

Published by Tribune America
© 2023 Tribune America, LLC
All rights reserved.

Dental Tribune strives to maintain the utmost accuracy in its news and clinical reports. If you find a factual error or content that requires clarification, please contact Group Editor Kristine Colker at k.colker@dental-tribune.com. Dental Tribune cannot assume responsibility for the validity of product claims or for typographical errors. The publisher also does not assume responsibility for product names or statements made by advertisers. Opinions expressed by authors are their own and may not reflect those of Tribune America.

EDITORIAL BOARD

Dr. Joel Berg
Dr. L. Stephen Buchanan
Dr. Arnaldo Castellucci
Dr. Gorden Christensen
Dr. Rella Christensen
Dr. William Dickerson
Hugh Doherty
Dr. James Doundoulakis
Dr. David Garber
Dr. Fay Goldstep
Dr. Howard Glazer
Dr. Harold Heymann
Dr. Karl Leinfelder
Dr. Roger Levin
Dr. Carl E. Misch
Dr. Dan Nathanson
Dr. Irwin Smigel
Dr. Jon Suzuki
Dr. Dennis Tartakow
Dr. Dan Ward

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!

Be confident
your patients
are getting
the smile they've
always wanted



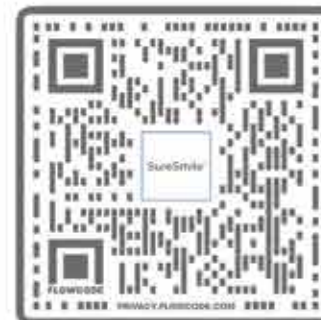
**SureSmile® Clear Aligners
deliver an excellent experience
for your patients and YOU!**

- Predictable results with no refinements required on 75% of SureSmile® Aligner cases¹
- Faster treatment times²
- Wide-ranging support for your practice
- SureSmile® Complete Cases include the new SureSmile® VPro™ and SureSmile™ Whitening Kit³

Visit us at
Booth
#1237

Switch to SureSmile® and enjoy
the benefits of being a provider today!

Visit us at: www.DentsplySirona.com/SureSmile



SCAN ME

SureSmile®

**Dentsply
Sirona**

1. Based on an analysis of global SureSmile® cases conducted between Jan. 2019-Dec. 2021. Data on File.
2. Independent third-party survey among 295 U.S. Clear Aligner Clinicians, 2020. Data on file.
3. SureSmile® VPro™ and SureSmile™ Whitening Kit are not available in all markets.

3 out of 4 SureSmile Clear Aligners patients require no refinements

By SureSmile Staff

In a recent three-year retrospective analysis by Dentsply Sirona of all completed SureSmile Clear Aligner cases in its treatment planning software, the outcome showed that 75 percent of cases required no refinements.¹

Reducing required refinements could have positive impact on overall patient satisfaction and dental practice productivity by limiting chair time due to bringing patients back into the practice for refinements.

Dental professionals may feel that refinements may be just part of supplying clear aligner treatment for patients. However, data shows that refinements could be a pain point in many practices.

Clinical survey data from 2020 showed that 73 percent of all clear aligner cases needed refinements.² Additionally, a recent 2022 retrospective study showed that 72 percent of Invisalign patients needed at least two or more refinements and only 6 percent of Invisalign patients successfully completed treatment with no refinements at all.³ This could be why 96 percent of dental providers surveyed agreed that reducing refinements is one of the biggest improvements clear aligner manufacturers could make.⁴

With three out of four patients not needing refinements, SureSmile Clear Aligners provides the predictable results doctors want and patients expect. Plus, treatment planning has never been so easy with outstanding support from the SureSmile Digital Lab and software that works with most common intraoral scanners, including PrimeScan.

Lastly, SureSmile Aligners also provides outstanding value to patients and practice with the Complete Case option, which includes not only aligners at a flat-rate price but provides faster, brighter smiles by including the SureSmile Whitening Kit and the SureSmile VPro High-Frequency Device.*

It may be time for providers to realign their expectations for clear aligner treatment and discover that a better experi-



The SureSmile Clear Aligner. (Photos/Provided by SureSmile)

For more information

To learn more about SureSmile Clear Aligners and find out if they're right for your patients, stop by the Dentsply Sirona booth, No. 1237, during the Chicago Midwinter or go to [suresmile.com](https://www.suresmile.com).

ence with SureSmile aligners may be possible for patients and their practice.

**Available in the U.S. only*

References

1. Based on an analysis of global SureSmile cases conducted between Jan. 2019–December 2021. Data on File.
2. Keim, R, Vogels III, D, Vogels, P, “2020 JCO Study of Orthodontic Diagnosis and Treatment Procedures Part 1 Results and Trends”, *Journal of Clinical Orthodontics*, Vol. LIV No. 10, October 2020
3. Kravitz ND, Dalloul B, Zaid YA, Shah C, Vaid NR. What percentage of patients switch from Invisalign to braces? A retrospective study evaluating the conversion rate, number of refinement scans, and length of treatment. *Am J Orthod Dentofacial Orthop.* 2022 Dec 18: S0889-5406(22)00773-9. doi: 10.1016/j.ajodo.2022.03.016. Epub ahead of print. PMID: 36539316
4. Survey among 433 U.S. Adult Dental Patients. Conducted by a third-party market research vendor, August 2020.



Chicago Midwinter Booth 1612

Your Choice of Game Changing Technologies



COMBAT Back and Neck Pain



Infinity VUE™

↑ Vision Up Ergonomics



Keep your chin up, your neck straight and your eyes forward while viewing the oral cavity.

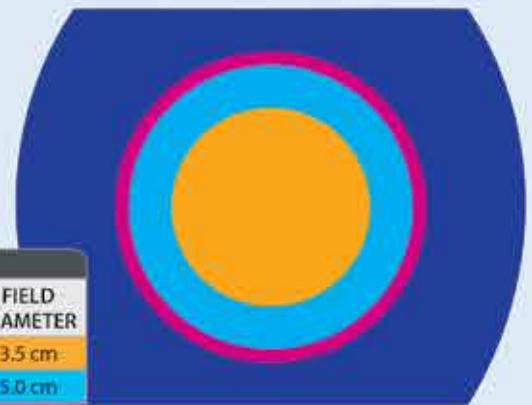
Available in 4.5x (shown) 3.5x and 3.0x magnifications with a 45 Day FREE Trial.



Panoramic Loupes

SEE the entire oral cavity magnified 4.5x

Available in 3.5x and 4.5x magnification



	4.5x	
TYPE OF LOUPES	VIEWABLE AREA	FIELD DIAMETER
Galilean	10 cm ²	3.5 cm
Micro-EF	20 cm ²	5.0 cm
Classic-EF	24 cm ²	5.5 cm
Panoramic	65 cm ²	9 x 7 cm

Light up the Oral Cavity!

NEW REVEAL™

WEARABLE Fluorescence Guided Dentistry

Designs for Vision's ground breaking REVEAL™ utilizes a blue excitation headlight with specially filtered eyewear to provide hands-free, vibrant fluorescence visualization in real-time.



Designs for Vision, Inc.

4000 Veterans Memorial Hwy. • Bohemia, NY 11716-1024 • 1.631.585.3300

1.800.345.4009 • info@dvmail.com • DesignsForVision.com

Facebook Instagram Twitter LinkedIn @Designs4Vision

Chicago
Midwinter Dental Booth
1612

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 for the better the way you work.

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

For more information

To learn more about any of Designs for Vision's products, stop by the Chicago Midwinter Meeting booth, No. 1612, or contact the company to arrange a visit in your office by calling (800) 345-4009 or emailing info@dvimail.com.

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



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

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 yourself by visiting Designs for Vision's booth, No. 1612, at the Chicago Midwinter Meeting, or you can contact the company to arrange a visit in your office by calling (800) 345-4009 or emailing info@dvimail.com.

AD

Expand Your Horizons

March 16-18 2023 Atlanta, GA

Hinman

Explore Your Future

World-Class CE. Unsurpassed Hospitality.

Learn more and book your hotel room now at Hinman.org.

PACE
ACADEMY
GENERAL DENTISTRY
PROGRAM APPROVAL
FOR CONTINUING
EDUCATION

The Thomas P. Hinman Dental Meeting
Nationally Approved PACE Program
Provider for FAGD/MAGD credit.
Approval does not imply acceptance by
any regulatory authority or AGD endorsement.
© 1/2021 to 5/21/23
Provider #19-212024

f i t | #myhinman

ADSO leading on solutions to dental staffing challenges with Workforce Task Force launch

By Andrew Smith, Executive Director, ADSO

COVID-19 ignited the “Great Resignation,” as employees everywhere sought new jobs or careers or left the workforce entirely. The dental industry was no exception to these events. Even as this took place, additional factors made filling open positions increasingly difficult.

For example, a recent study found that more than one-third of surveyed dental practices are actively recruiting for dental hygienists or assistants. And on top of that, the survey found that one-third of dental assistants and/or hygienists expect to retire in five years or less. These statistics demonstrate a highly challenging staffing environment for dental leaders that, if left unaddressed, will have a significant negative impact on dental practice operations and patient health in the coming years.

To help tackle these workforce chal-



Attendees register during the 2022 ADSO Summit, held in Austin, Texas. (Photo/Dental Tribune Staff file photo)

lenges, the ADSO recently launched a Workforce Task Force comprised of ADSO member companies and dental industry partners. The task force will investigate issues impacting recruitment and retention and provide recommendations to help dental practices meet their staffing needs.

Challenges the industry currently faces include:

- Availability and cost of training pro-

For more information

To learn more about the ADSO, the ADSO Workforce Task Force or the ADSO annual meeting, being held March 28 to 31 in Orlando, visit www.theadso.org.

grams: For many considering careers as dental hygienists and assistants, cost is often a barrier to entry. But even when cost is not prohibitive, those thinking of joining the dental workforce face a lack of access to training programs. Providing adequate opportunities for training at reasonable costs must become an industry priority.

- **State regulations around education and licensing requirements:** Hygienists or assistants often encounter obstacles when attempting to work in states other than where they were originally trained. The limiting effect this has on the overall labor pool cannot be understated. Dental leaders must work with regulators and legislators to create an environment

more open to the mobility of dental talent and labor.

- **Perceptions of dental hygiene/assisting as viable career paths:** An increasingly common perception is that dental hygiene or assistant roles do not offer the compensation, benefits, work/life balance or growth opportunities that make for a desirable long-term career. To combat this, dental leaders must offer competitive compensation and benefits, ensure a positive practice culture and provide opportunities for employees to expand their skills and move up within their organization.

The ADSO Workforce Task Force will examine a variety of issues related to these challenges, including license portability, education funding, streamlined credentialing and uniform standards for scope and education. This effort is only the beginning, and we hope other industry leaders will follow suit, joining us to lead from within our industry to identify opportunities and offer solutions.

AD



LAUNCHING
DENTISTRY FORWARD

FLORIDADENTALCONVENTION.COM



florida dental
ASSOCIATION
CONVENTION

JUNE 29-JULY 1, 2023

GAYLORD PALMS RESORT & CONVENTION CENTER | ORLANDO

COME FOR THE CE. STAY FOR THE FUN!

FEATURED SPEAKERS

- ▲ LEE ANN BRADY, DMD
- ▲ VISHTASB BROUMAND, DMD, MD
- ▲ STEVE CARSTENSEN, DDS
- ▲ BROOKE FUKUOKA, DMD
- ▲ MIA GEISENGER, DDS, MS
- ▲ KAY HUFF, RDA
- ▲ WAJI KHAN, DDS, MBA, MED
- ▲ JUDY KAY MAUSOLF
- ▲ MICHAEL PIKOS, DDS

COURSE HIGHLIGHTS

- ▲ 3D PRINTING TECHNOLOGY
- ▲ CLEAR ALIGNER THERAPY
- ▲ CROWN LENGTHENING
- ▲ GERIATRIC & SPECIAL NEEDS CARE
- ▲ IMPLANT ADVANCEMENTS
- ▲ NEW RESTORATIVE TECHNIQUES
- ▲ PLATELET RICH FIBRIN THERAPY
- ▲ SALIVARY DIAGNOSTICS
- ▲ SLEEP DISORDERS

THE DAWSON ACADEMY IS BACK!



FUNCTIONAL OCCLUSION – PROTOCOLS TO PUT YOUR PRACTICE IN THE TOP 10% (C01)

SAVE UP TO 20% ON THIS DAWSON ACADEMY COURSE AT FDC2023!

REGISTRATION OPENS MARCH 1!

Hinman Dental Meeting coming in March

Successful business leader and author Dr. Nido Qubein to be the keynote speaker

By Thomas P. Hinman Dental Meeting Staff

The Thomas P. Hinman Dental Meeting is coming up soon.

The 110th annual meeting will take place March 16-18, at the Georgia World Congress Center (GWCC) and Omni Hotel at CNN Center in Atlanta. In addition, accomplished university president and nationally recognized author, speaker and business leader Dr. Nido Qubein will be the featured keynote speaker on Thursday, March 16, at 5 p.m.

"We are excited about the exceptional program we've built for Hinman 2023 and invite everyone to 'Expand Your Horizons and Explore Your Future' among industry professionals, colleagues and friends," said Dr. Roy McDonald, general chair for Hinman 2023. "Program chairs Drs. Brad Greenway and Troy Schulman



Dr. Nido Qubein will be the featured keynote speaker at the Hinman Dental Meeting in March. (Photo/Provided by Thomas P. Hinman Dental Meeting Staff)

have expertly crafted an excellent, all-encompassing program featuring many of our beloved educators, presenting courses ranging from the tried-and-true to the innovative."

Qubein, this year's keynote speaker, will inspire attendees on Thursday evening with his incredible life story, coming to the United States with only \$50 in

To attend

Registration for Hinman 2023 is now open. Please visit Hinman.org for more information.

his pocket to becoming one of the most sought-after speakers and consultants.

As president of High Point University, Qubein tripled the size and led the university to the No. 1 spot among Best Colleges in the South. As an American citizen, he has been the recipient of some of the highest national awards, including induction into the Horatio Alger Association for Distinguished Americans.

As a business leader, he is chairman of the Great Harvest Bread Company and serves on the boards of several national organizations, including Truist, the La-Z-Boy Corporation and Savista. Qubein is the author of a dozen books and has been named both the Citizen of the Year and the Philanthropist of the Year in High Point, N.C.

Plethora of opportunities

This year's meeting theme, "Expand Your Horizons, Explore Your Future," represents the many opportunities Hinman

offers to expand your knowledge and professional capabilities, as well as prepare for future success and achievement in delivering the best possible care.

Hinman 2023 has a full slate of more than 200 educational lectures and workshops presented by nearly 60 of the best and brightest in the dental profession. Some noteworthy courses include:

- "Pankey Essentials I:" A comprehensive three-day course built on exam, diagnosis and treatment planning, with Drs. Lee Ann Brady, Michael Melkers, Kelley Brummett and Mike Crete.
- All-day returning educational tracks for hygienists, assistants and business office staff, as well as a new educational track for dentists
- "Conscious Sedation Permit Update:" Satisfying the renewal requirements for those with a Georgia, Mississippi, North Carolina or Virginia sedation license with Dr. Michael Pruett.
- "Ethics, Medical Legal Issues in Dentistry: What Dentists Need to Know about the New Rules and Laws," with Dr. Glenn Maron.

For a complete list of courses and special events, visit Hinman.org.

AD

COMING SOON IN MONTREAL, MAY 26 TO 30, 2023

DR. EFFIE HABSHA

DR. HABIB BENZIAN

DR. CARLA COHN

DR. BRIAN NOVÝ

DR. MARC GEISSBERGER

DR. JUAN F. YEPES

VISIT OUR WEBSITE!

JDIQ.CA

IMPLANT TRIBUNE

— The World's Dental Implant Newspaper • U.S. Edition —

FEBRUARY 2023 — VOL. 18, NO. 1

www.dental-tribune.com

AAP celebrates award winners

Each year, the American Academy of Periodontology (AAP) honors members whose service, dedication and accomplishments have made a significant impact on the field of periodontics. Whether it was through extensive research, teaching or writing various publications, these members put in the extra work that allowed them to stand out for special recognition.

Gold Medal Award

In 2022, the academy presented its highest honor — the Gold Medal — to Dr. Brian Mealey, a clinical professor of the specialist division in the Department of Periodontics at UT Health San Antonio School of Dentistry.

During the course of his lengthy involvement with the academy, Mealey has served on 28 different committees, served as the District 8 representative on the Board of Trustees, lectured at the annual meeting almost every year, taught numerous continuing education courses, served on the Journal of Periodontology Editorial Advisory Board and presented at and chaired many of pre- and postdoctoral workshops.

"This award reminds me of the value of saying 'yes' to doing things you may not think you are good at or that you may not have time for," Mealey said. "The 'work' is a lot less work because of the dedicated staff, members and leaders of the AAP."

Other awards

• *Master Clinician*: The 2022 Master Clinician award was sponsored by HuFriedy-Group. The 2022 winner was Dr. Richard



AAP award recipients are celebrated at a ceremony during the AAP's 108th annual meeting in Phoenix. (Photo/Provided by the American Academy of Periodontology)

Kao, a renowned clinician in the field of tissue regeneration. This award honors an academy member who has practiced and demonstrated consistent clinical excellence in periodontics and who has willingly and unselfishly shared that experience with the profession.

• *Distinguished Scientist*: The 2022 Distinguished Scientist Award was sponsored by Crest + Oral B. The recipient was Dr. Gustavo Avila-Ortiz.

• *Distinguished Service*: The 2022 Distinguished Service Award recipient was Dr. Bryan J. Frantz.

• *Outstanding Periodontal Educator*: The 2022 Outstanding Periodontal Educator Award was sponsored by the AAP. The recipient was Dr. Gian Pietro Schincaglia.

• *Honorary Membership*: The academy was pleased to bestow an honorary membership to Dr. Anton Sculean. He is

a professor and chairman of the Department of Periodontology and the head of the Dental Research Center (DRC) of the School of Dental Medicine, University of Bern, Switzerland.

• *Dalton Conner Humanitarian*: This award is presented to an academy member who has given selflessly through extraordinary actions that benefit a deserving population. The 2022 recipient of this honor was Dr. Theresa Cheng.

• *R. Earl Robinson Regeneration*: Funded by the AAP Foundation, this award recognized an outstanding recent scientific article about periodontal regeneration in the basic and clinical sciences. For their article, "The effect of timing of orthodontic therapy on the outcomes of regenerative periodontal surgery in patients with stage IV periodontitis: A multicenter randomized trial," the academy recognized Drs. Karin Jepsen, Eric Kutschera, Andreas Jäger, Lorena Gavello, Conchita Martin, Søren Jepsen, Christina Tietmann, Peter Wüllenweber, Daniele Cardaropoli, Ignacio Sanz Sanchez, and Rolf Fimmers.

• *Clinical Research*: Sponsored by Quintessence Publishing, this award recognized an outstanding recent scientific article with direct clinical reference to periodontics. For their article, "Human variation in gingival inflammation," the academy recognized Jeffrey S. McLean, Shatha O Bamashmous, Kristopher A Kerns, Camille Zenobia, Harsh M Trivedi, Richard P. Darveau, Georgios A Kotsakis, Brian G Leroux, and Dandan Chen.

(Source: AAP)

Gum inflammation parallels novel 'cytokine score'

Higher levels of cytokines in saliva match greater gum inflammation

Researchers at NYU College of Dentistry have developed a single score to describe the level of cytokines in the saliva, and this score is linked with the severity of clinical gum inflammation, according to a study published in the journal "PLOS ONE".

While more research is needed to test the "cytokine score," it could hold promise for measuring how well a patient responds to treatment for gum disease, predicting gum disease recurrence or detecting ongoing inflammation related to systemic diseases.

Periodontal disease is associated with systemic conditions including cardiovascular disease, diabetes and Alzheimer's. Scientists believe that gum inflammation contributes to these conditions through both indirect pathways (cyto-

kines boosting systemic inflammation) and direct pathways (cytokines traveling to a specific organ like the heart or brain), but studying this is difficult because of the challenge of measuring cytokines in the fluid found deep in the pockets in the gums.

Fortunately, cytokines are also found in the saliva, which is easier to collect. In the "PLOS ONE" study, the researchers wanted to know if clinically detected gum inflammation could predict the level of cytokines found in saliva.

The researchers evaluated the gums and saliva of 67 adults, ages 45 and older, who had some degree of periodontal disease but were otherwise healthy. Led by statistician Malvin Janal, PhD, the researchers used two different ways (the Cytokine Component Index and Composite Inflammatory Index) to combine cytokines into a single score. They found that the higher a cytokine score, the greater the periodontal inflammation.

(Source: NYU College of Dentistry)