AAPD & CDA MEETINGS

DENTAL TRIBUNE

The World's Dental Newspaper · U.S. Edition

MAY 2018 — VOL. 13, NO. 5

www.dental-tribune.com

SKI CLUB? STUDY CLUB? BOTH? NEITHER?

At 'High Altitude' implant symposium, double-black-diamond oral surgeons mix freely with bunny-slopers just considering implants.

▸ page A6

CLOSED ANKYLOSED TOOTH EXTRACTION

Quick, atraumatic surgery — with the young patient needing no sedation — demonstrates versatility of all-tissue CO_2 9.3 µm laser.

▸ page A16

IMPLANT TRIBUNE

NEW AO PRESIDENT

Dr. James C. Taylor aims to lead the Academy of Osseointegration on strategic global course.

▸ page B1

Live-dentistry programs featured at CDA Presents

Off-site training centers and live video feeds

For the first time, the California Dental Association is partnering with Nobel Biocare and Glidewell Dental to offer some innovative live-dentistry programs at CDA Presents The Art and Science of Dentistry in Anaheim, May 17-19. "CDA Presents has developed these formats in our continuing effort to bring new material, innovative presentation and exciting learning opportunities to our members," said Mark J. Romanelli, DDS, CDA Presents board of managers chair.

The live workshops can be attended at the Glidewell International Technology Center and the Nobel Biocare Training Institute. Shuttles will be provided at no cost to transport attendees to and from both off-site locations. Additionally, live video-feed presentations of the workshops will be available free of charge for first-come, first-served seating at the Anaheim Convention Center or for $10 per session for reserved seating.

Glidewell Dental live demonstration

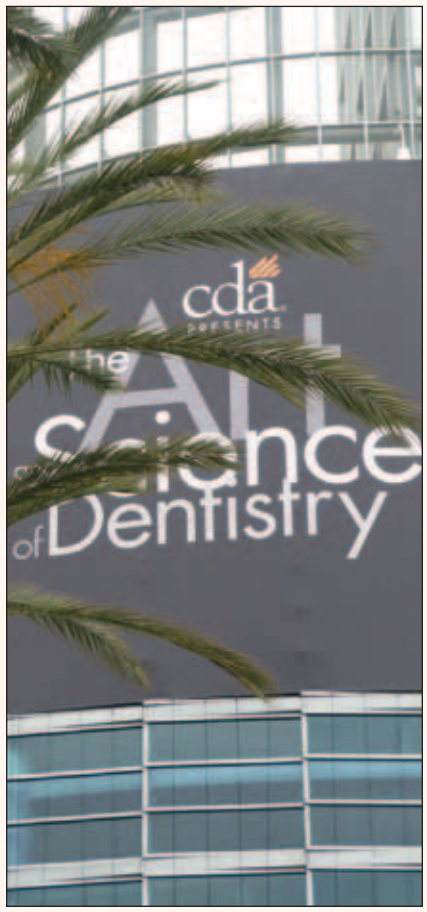
On Friday, May 18, Glidewell Dental will present a live CAD/CAM restoration demonstration from 9:30 a.m. to 3:30 p.m. The full-day workshop will be divided into two sessions — a natural tooth demonstration in the morning and an implant demonstration in the afternoon. Lunch will be provided by Glidewell Dental.

The natural tooth demonstration, led by Justin Chi, DDS, CDT, will show attendees how to restore various indications using a digital workflow, how to select from a range of material choices based on their indications and how to create quality restorations using a chairside mill.

Charles D. Schlesinger, DDS, will present the afternoon implant workshop, demonstrating how digital treatment planning and guided implant placement combine advanced technologies to help minimize discomfort while maximizing the esthetic and functional outcomes.

The cost to attend is $55. The shuttle to the Glidewell Technology Center will leave from the convention center at 8:30 a.m. Friday and will return to the convention center after the program.

▸ See CDA, page A4



The Anaheim Convention Center is host site of CDA Presents the Art and Science of Dentistry, May 17–19, in Anaheim, Calif.
Photo/Robert Selleck, Dental Tribune

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New York, N.Y. 10011

AD

Remembering Dr. R. Chester Redhead

By Dr. David L. Hoexter, Editor In Chief

Dr. R. Chester Redhead peacefully passed away this past December. He was an energetic, omnipresent and charismatic young man. Graduating from Howard University Dental School in 1954, he enlisted in the U.S. Army, serving more than two years. He then served as an officer in the U.S. Air Force Reserve.

Chester always was enthusiastic about dentistry. But one must be reminded of the social barriers and deeply ingrained discrimination encompassing the era of his career. Overcoming the obstacles, Chester joined and participated in the ADA. He was a prominent, active member of the First District Dental Society and the local Eastern Dental Society. He quickly moved up leadership ladders, ultimately becoming an officer and eventually president of the First District Dental Society, the largest local dental society in the country.

Chester kept taking dental education courses to ensure his patients in his private practice, on 135th Street in Harlem, received the finest and most up-to-date care. Imagine my surprise while I was presenting a continuing education course on periodontal surgery and implants, that when I looked out at the participants, there taking notes and listening was Chester — what a feeling.

Many social changes in dentistry were initially brought about for black dentists in New York's dental societies by Dr. Warren Walters and his father. It was slow but they opened the door, and Chester furthered such efforts. Today, many of the results of that difficult, early work are taken for granted.

From left, in 2014, Gladys Redhead, Dr. David L. Hoexter, June Hoexter and Dr. Chester Redhead celebrate the Redheads' 61st wedding anniversary in the Hamptons at the American Hotel in Sag Harbor, N.Y. Photo/Provided by Dr. David L. Hoexter

Chester was jovial and charming, with quick humor — and he was a great dresser. He did far more than put in his time. In addition to running his dental practice and serving in dental society leadership roles, he was a husband and father of three young men. Everyone who has been involved in dental society business and politics knows the staggering impact on personal life and professional practice. Yet while serving as president of the First District, he accepted being a chairman and participant of the Greater New York Dental Meeting. He served in these demanding roles simultaneously for more than four years. This was followed by serving as a governor on the New York State Board of Governors.

In all his professional roles, this social leader and joke teller was breaking down barriers to bring about changes that many take for granted today. During that struggle, Chester's closest friends became even closer. Rep. Charles Rangel, New York's longest-serving congressional representative, spoke at his board of governors induction. Keeping in style that evening, Chester drove Rangel home in his Rolls Royce. Another close friend was New York power broker Basel Patterson, known as one of the state's most influential politicians. Patterson was a close influence and friend who broke bread with us often. Patterson's son, David, became New York's first black lieutenant governor and, later, the state's first black governor.

David Dinkins, New York City's first black mayor, was another close friend who spoke at the funeral service. When I was president of the New York County Dental Society, I needed a speaker for a children's oral-health gathering. Without hesitation, Chester had phoned then Mayor Dinkins who smilingly came to the Empire State Building and greeted and spoke with all of the kids — as requested by his friend.

Chester's greatest achievement was marrying the beautiful Gladys. As I noted at the funeral service, the New York Times wedding announcement — accompanied by a beautiful photo of Gladys — said, "Dr. Scott's daughter, Gladys, marries New York dentist." Sixty-two years and three grown children later, marrying Gladys remained Chester's greatest achievement.

He annually helped others earn fellowships, and he understood the importance of the traditions and ceremony marking the achievement. Yet when I presented him with his fellowship in the International Academy for Dental Facial Esthetics, for which honorees are supplied cap and gowns for the ceremony, Chester had to be different. He wore his cap from Howard University. He was that loyal.

Dr. Redhead lived in times that were socially changing, and his tireless work breaking down barriers benefitted many who followed. But I never saw him as a black dentist, I saw him only as my friend.

AD

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The World's Dental Newspaper · US Edition

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1. Futuredontics. Advanced Dental Technology: Perception vs Reality [internet]. 2016 Jul [cited 2018 Mar 1]. Available from: http://www.dds1800.com/TechReport/

Pediatric dentists heading to Waikiki

Add beautiful beaches and perfect weather to the list of items normally attracting attendees to the American Academy of Pediatric Dentistry (AAPD) annual session. The 2018 meeting will be held from May 24–27 at the Hawaii Convention Center, which is just blocks away from the beaches of exciting Waikiki in the heart of downtown Honolulu.

Online registration was still available at press time via *www.aapd.org*. You can use AAPD's online itinerary planner to find details on the scientific program, social events and area attractions.

The event's headquarter hotel is the Hilton Hawaiian Village. The other official hotels, the Moana Surfrider, the Royal Hawaiian and the Sheraton Princess Kaiulani, have special rates available through the event website for as long as rooms remain available up to the housing deadline of May 9.

(Source: AAPD)

Kayakers paddle past the Hawaii Convention Center on Ala Wai Canal. Photo/Dana Edmunds for Hawaii Tourism Authority

◂ CDA, page A1

Glidewell Dental live video feed

The morning and afternoon sessions will also be available to attend separately via live video feed at the convention center. The natural tooth demonstration will be from 9:30 a.m. to noon and the implant demonstration will be from 1 to 3:30 p.m. Seats for these free lectures are first-come, first-served or attendees can pay an additional $10 per each session to get a reserved spot.

Nobel Biocare live demonstration

On Saturday, May 19, a live surgery and prosthetic treatment workshop featuring a full-arch prosthetic rehabilitation utilizing the All-on-4 treatment concept will be presented at the Nobel Biocare Training Institute from 9:30 a.m. to 3:30 p.m.

All-on-4 is an innovative technique that allows for an immediate-function, full-arch, implant-supported prosthesis without the need for any bone grafting procedures. Hooman M. Zarrinkelk, DDS, and Sajid A. Jivraj, DDS, BDS, MSEd, will lead the morning and afternoon sessions and lunch will be provided by Nobel Biocare.

The cost to attend is $55. The shuttle to the Nobel Biocare Training Institute will leave the convention center at 8:30 a.m. Saturday and return after the program.

Nobel Biocare live video feed

As with the Glidewell Dental presentation, the Nobel Biocare workshop morning and afternoon sessions will each be available to attend separately via live video feed at the Anaheim Convention Center. Zarrinkelk will lead the morning session from 9:30 a.m. to noon., and the afternoon session will be led by Jivraj from 1 to 3:30 p.m. Seats for these free lectures are first-come, first-served, but reserved seats can also be purchased for $10 per session.

"We are super excited about these programs," said Nicholas Marongiu, DDS, CDA Presents Board of Managers. "No better way to learn about new exciting procedures than to see them live, step by step."

Attendees are encouraged to register early for these and other popular workshops and events to secure their spots and for best pricing. For more information, check out the online program at *cdapresents.com*.

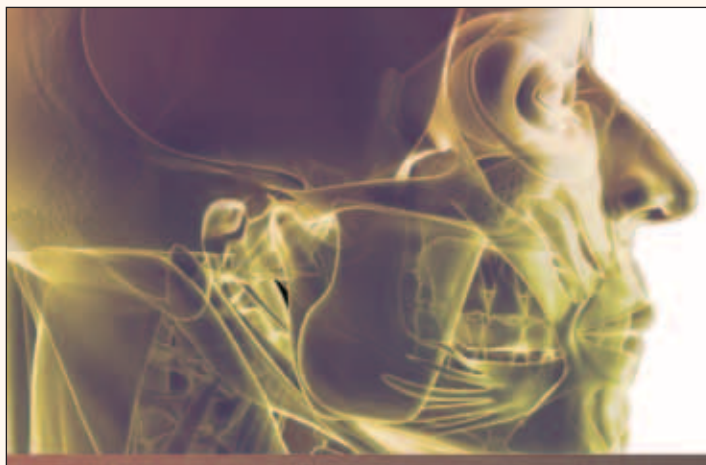
Exhibit hall, continuing education

Occurring biannually in Anaheim in the spring and San Francisco in the fall, CDA Presents is one of the nation's leading dental conventions, offering continuing education through more than 200 lectures and workshops, free hourly lectures at The Spot Educational Theater and hundreds of innovative dental products and services on the exhibit hall floor.

You can register or learn more about the meeting by visiting *cdapresents.com/anaheim2018*.

(Source: California Dental Association)

AD



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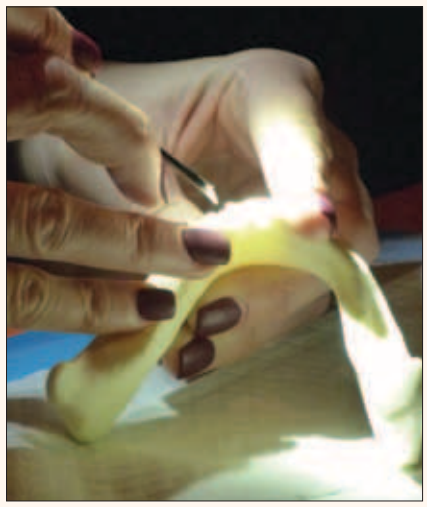
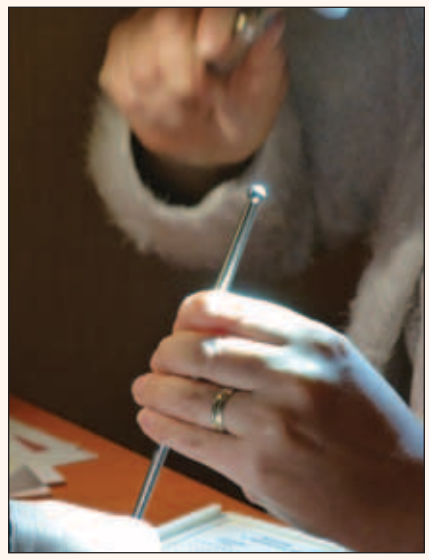
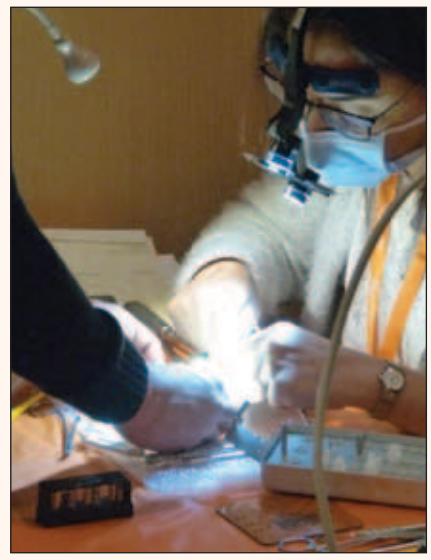
Horizontal augmentation and steep vertical drops

By Robert Selleck, Managing Editor

CDA BOOTH NO. 227



At Meisinger's Annual High Altitude Comprehensive Implant Symposium, participants in the hands-on workshop 'Regenerative treatment of peri-implantitis defects' receive guidance from instructor Mario Roccuzzo, DDS (pointing in photo at far right). Photos/Robert Selleck, DTA

Above, in photo on left, instructor Robert Gellin, DMD, FACD, helps a participant in the hands-on workshop 'A simplified technique for block grafting.' In the middle and right photos, another participant is at work in the same session, receiving guidance from a workshop assistant.

What if you mixed an implant study club with a ski club but made it so inclusive that everybody was welcome to join anytime — even those who have never placed an implant or put on a pair of skis?

You would end up with something like Meisinger's Annual High Altitude Comprehensive Implant Symposium, which put that formula together more than eight years ago and has made it successful every year since. The event has a core group that has never missed a meeting — which along with an attendance cap helps give the event a study-club vibe. But there's another contingent of multi-year veterans who come as often as they can, enabling a new batch of attendees to drop in on the fun every year, creating a broad mix of new and veteran participants.

"It has an international feel to it. There are people here from all over the world," said Richard Robinette, DMD, who is in private practice in Spring Hill, Tenn. "You really see how people are thinking outside of the box. You see case studies of a lot of amazing surgery. I'm a general dentist, so I see surgeries recounted here that I can only imagine."

Robinette, though, gleans plenty he can use — enough so that he has attended six of the meetings. "You don't have to be a great skier, either," he said.

This year's meeting was held in Vail, Colo., host site for the past five years. The event has always been scheduled on the four days leading up to Super Bowl Sunday, enabling U.S. attendees who want to get back home for the game plenty of time to do so. Many, however, tack on some extra ski days with their families.

"It's a great family meeting, especially if you want to do a ski trip," said Scott Anderson, DDS, FIOCI, of Gunnison, Colo., who was back for his third year in a row. "It's a real blessing for me because it's a world-class meeting that's so close to home. We ski two hours every day, which is perfect."

Anderson is part of a group of about a half-dozen friends who attend off and on. This year he said he was especially impressed with the sessions covering peri-implantitis issues. "I'll be able to take a lot of this information back and implement it on Monday," he said. Anderson said he appreciated the small size of the meeting. "It's a study-club format. You get to talk to some of the top clinicians in the world, but it's fun. It's relaxed. I'll probably keep coming every year," he said.

Another Coloradan, Scott Lindsay, DMD, MAGD, who is in practice in the metro-Denver town of Centennial said, "The instructors are just so willing to sit down and talk with you. I reviewed a case with one of them today. They're not in a rush to run away from the podium. They'll sit down and talk with you, hang out with you."

Meisinger keeps attendance capped at 125 and keeps the hands-on courses, which are optional, at 25-30 attendees to enable quality interaction between instructors and attendees. The presenters are there for the entire meeting, seamlessly switching roles between student and teacher, attending not just the lectures of fellow presenters but even some of the hands-on sessions.

When speakers commented on the meeting, they typically did so from a student perspective. "This is a great meeting. The quality of the speakers has been awesome," said Farhad Boltchi, DMD, a periodontist in practice in Arlington, Texas, prior to presenting "Digital implant dentistry – the next frontier."

Before his lecture, "The ultimate digital flow — restoratively driven implant planning and restoration fabrication: Efficient, predictable and repeatable," Greg Campbell, DDS, a restorative and general dentist in Long Beach, Calif., said: "The surgeries have been amazing. The hands-on courses have been phenomenal."

The digital workflow and technology sessions resonated with Grant Peterson, DDS, of Parker, Colo., who listed those as meeting highlights along with the lectures and workshops on peri-implantitis, bone augmentation and 3-D printing. Peterson was a first-time attendee. "I got a brochure in the mail and figured I should check it out. I knew of the world-class reputations of many of the speakers, but even with that I've been surprised by the caliber of the lectures. They've been phenomenal. And the exhibitors, too. I think I'll come back." The meeting returns to Vail for 2019. (For its 10th anniversary in 2020, the event is looking at locations in the Swiss or Austrian Alps.)

Learning objectives this year focused on: regenerative surgical treatment of peri-implantitis defects, digital implant dentistry, horizontal augmentation and soft-tissue management around implants.

You can learn more about the symposium under the "Events" drop-down menu at *www.meisingerusa.com*.

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The new LED DayLite® Micro HDi™ uses the new high-definition imaging in an ultra-lightweight headlight in combination with the new Micro power pack. According to the company, the Micro is the market's lightest and smallest power pack. The complete unit includes two power packs, and each power pack can run up to 10 hours.

Designs for Vision also has added high-definition imaging to the LED DayLite WireLess Mini HDi, providing a lightweight cordless solution with light intensity comparable to many corded headlights. You can choose high-definition imaging with either a wired or wireless design to meet your preference, and either HDi headlight will illuminate the entire oral cavity.

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. Prior technology married a cordless light to one pair of loupes via a cumbersome integration of the batteries and electronics into the frame. The compact design of the LED DayLite WireLess headlights are independent of any frame/loupes.

Designs for Vision is also featuring the "REALITY five-star-rated" Micro 3.5EF Scopes, which use an innovative 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, full-oral-cavity view at 3.5x magnification.

High-definition headlights optically focus the light from the LED to provide 45 percent more light with uniform distribution. Photo/Provided by Designs for Vision

Building on an established award-winning design, the newest addition to the Micro Series line is the Micro 4.5EF Scopes, which reduce both the size and weight of the telescopes by 44 percent.

Designs for Vision has expanded into a new 67,500-square-foot location at 4000 Veterans Memorial Highway in Bohemia, N.Y. You can visit *www.DesignsForVision.com/move.htm* to check out some photos of the new facility.

You can see the Visible Difference® yourself by visiting the Designs for Vision's booths, No. 1202 or No. 846, at the 2018 California Dental Association meeting in Anaheim. Or you can visit booth No. 626 at the American Academy of Pediatric Dentistry 2018 annual meeting in Honolulu.

You also can arrange a visit in your office by contacting the company at (800) 345-4009 or via *info@dvimail.com*.

Bulk fill composite easily adjusts to the tooth

By Dr. Joseph Kim

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When it comes to composite restorations, dentists are often asked to sacrifice speed for quality, or quality for speed. This has been especially true when it comes to bulk fill composites, which brought the promise of larger increment sizes, but required specialized equipment or were otherwise difficult to handle. Now, clinicians can have a composite that easily adapts to the tooth and can be used in a true bulk fill technique. REVEAL® HD Bulk is BISCO's new bulk fill light-activated restorative composites, optimized for simpler and faster posterior restorations. REVEAL HD Bulk combines appropriate handling, depth of cure and polishability, which enable clinicians to provide patients with functional and esthetic composites while saving valuable chair time.

REVEAL HD Bulk allows for layering increments up to 5 mm due to its predictable depth of cure. This feature is accompanied by low volumetric shrinkage, high flexural strength and excellent radiopacity, resulting in long-lasting, durable restorations. While REVEAL HD Bulk is indicated for all direct and indirect restorations, clinicians will appreciate the significant time savings that bulk filling provides, especially in posterior teeth.

Like other restorative composites, it is important to maintain adequate isolation to prevent contamination of the tooth from saliva and blood. When indicated, use of a sectional matrix system with significant separating force will ensure excellent adaptation to the proximal margins, as well as, minimize interproximal food impaction.

After excellent isolation has been achieved, a universal bonding agent such as ALL BOND UNIVERSAL® is applied to all prepared surfaces according to manufacturer instructions. When possible, it is ideal to selectively etch the enamel surfaces where the composite is intended prior to application of the bonding agent, resulting in minimal long-term marginal leakage and dentinal sensitivity issues.

Depending on operator preference, a flowable composite resin may be used in the deepest and least accessible areas of the preparation, including undercuts and the cavosurface margins of proximal boxes. The appropriate shade of REVEAL HD Bulk can be placed in a single increment for most Class 1, 2 and 3 restorations. For preparations that include areas that are deeper than 5 mm, it is advisable to build the restoration in appropriately sized increments. Keep in mind, that due to its unique chemistry, care should be taken to avoid unnecessary exposure to light, including from ambient and overhead sources, in order to avoid premature hardening of the material.

REVEAL HD Bulk is BISCO's new bulk fill light-activated restorative composite, which is optimized for simpler and faster posterior restorations. Photo/Provided by BISCO

Finally, the restoration can be finished with fine diamonds and finishing carbides, followed by finishing points. It is worth noting that since REVEAL HD Bulk's viscosity has been tuned for bulk fill applications, it is preferable to limit occlusal carving and shaping to primary anatomy prior to curing. After curing, greater detail may be added with finishing burs, as needed.

Alternatively, when darker or opaceous restorative composite shades are required, REVEAL HD Bulk can by placed and cured short of the occlusal cavosurface margins. The final layer can be a traditional restorative composite in an ideal shade and opacity. Because REVEAL HD Bulk is universally compatible, it will serve as an excellent base under all light-activated restorative composites.

REVEAL HD Bulk has been specifically designed to address the needs of clinicians who require the speed of a bulk fill restorative composite without sacrificing strength and ignoring esthetics. It is currently available in the most commonly used shades, from A3 to B1, in both syringe and unit dose form.

At the CDA meeting in Anaheim, you can visit BISCO in booth No. 1337 to learn more or visit *reveal.bisco.com* or call (800) 247-3368.

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* Images courtesy Brian T. Wells, DMD
[1] Sigurdsson A et al. (2016) J Endod. 42:1040-48 [2] Molina B et al. (2015) J Endod. 41:1701-5
[3] Vandrangi P et al. (2015) Oral Health 72-86 [4] Nair NPR et al. (2014) Int Endod J. 47:1003-1011 © 2018. All rights reserved. SONENDO, the SONENDO logo, GENTLEWAVE, the GENTLEWAVE logo and SAVING TEETH THROUGH SOUND SCIENCE are trademarks of Sonendo, Inc. Patented: www.sonendo.com/intellectualproperty. MM-0529 Rev 01