Hands on

By Robert Selleck, Endo Tribune Staff

Among the greatest benefits of AAE18 are the hands-on opportunities. Whether it’s working directly with some of the industry’s most advanced instruments in an all-day workshop, or simply handling an item or material while visiting a booth in the exhibit hall, the ability to hold it in your paws before you buy is a highly valued experience.

The meeting’s hands-on workshops sell out or fill up fast, but the exhibit hall booths are always ready to accommodate your visit. And the opportunities seem endless.

In the Sonendo booth (No. 1127), a GentleWave System for canal cleaning and disinfection, from access opening to CBCT imaging in the modern endodontic practice” from 11:45 a.m. to 12:30 p.m. (J. Morita); “The ABCs of CBCT: Academic answers, best practices and compelling cases” from 1 to 2 p.m., (Carestream Dental); J. Morita USA: Here comes the newest endodontic gadget, J. Morita Tri Auto ZX2™” from 2:15 to 4:15 p.m. “Incorporating the GentleWave procedure into a busy multi-location endodontic practice” (Sonendo) from 2:30 to 3:30 p.m., and “Take the pain out of patient payments” (TSYS) from 4 to 5 p.m.

There are two more sessions on Friday.

Get ‘To The Point’

By Robert Sellect, Endo Tribune Staff

Education at AAE18 isn’t confined to the classrooms. It’s found around every corner and down every aisle. In addition to scheduled and impromptu presentations in the exhibit hall booths, a number of corporate-sponsored lectures and workshops (limited in attendance) are scheduled, including presentations in the “To The Point” lecture area. Sponsors are Brasseler USA, Carestream Dental, J. Morita, Sonendo, TSYS and COLTENE.

Scheduled today: “Seeing the invisible: CBCT imaging in the modern endodontic practice” from 11:45 a.m. to 12:30 p.m. (J. Morita); “The ABCs of CBCT: Academic answers, best practices and compelling cases” from 1 to 2 p.m., (Carestream Dental); J. Morita USA: Here comes the newest endodontic gadget, J. Morita Tri Auto ZX2™” from 2:15 to 4:15 p.m. “Incorporating the GentleWave procedure into a busy multi-location endodontic practice” (Sonendo) from 2:30 to 3:30 p.m., and “Take the pain out of patient payments” (TSYS) from 4 to 5 p.m.

There are two more sessions on Friday.
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obturation, is set up for hands-on testing. Experienced users are available to demonstrate the procedure first, broadcasting their work on a large-screen 3-D monitor. Formal presentations by skilled users also are scheduled. The sessions on Wednesday drew standing-room-only crowds.

In the Porter Instrument booth (No. 627), a mannequin wearing a Silhouette Nasal Mask is on display to demonstrate how comfortable it is for patients — and how its low profile presents the clinician with unobstructed access to the oral cavity.

In the Avalon Biomed booth (No. 1315), you can find another "everybody-wins" game in the AAE Attendee Lounge (booth No. 715). Spin a prize-wheel to win items such as earbuds, stylus pen or a pop socket. Then be sure to have your badge scanned for a chance to win in Friday's drawing for an iPad.

Another drawing worth hunting down today offers a pair of Bose TrueSound headphones, which will be given away on Friday afternoon.

Additional drawings are being held throughout the week for items such as TrueSound headphones, TrueSound earbuds and TrueSound Bluetooth speakers. If you miss all the hands-on opportunities today, you still have a chance to win something, but among the big prizes is a Mavic Air Camera Drone.

Collect up to four plinko chips at the Dentsply Sirona Endo booth (No. 509) and try your chances at a variety of prizes, including a Mavic Air Camera Drone.
Scenes from Wednesday

Steve Kim (holding an EvoFill) and Katie Liu (with a Duo-Gun) in the DiaDent booth (No. 724).

Sara Qu wields a giant rotary file in the PacDent booth (No. 308).

Jeffrey Coil, DDS, of Surrey, British Columbia, Canada, shows off the cap he won in the PlinkEndo game in the Dentsply Sirona Endo booth (No. 509).

On the climbing wall, Ciara Gale, a certified endodontic dental assistant from Dardenne Prairie, Mo., gets encouragement from her colleagues as she works her way up. Eight staff members came to AAE18 from the multi-office group of Endodontics of Greater St. Louis and Arnold and West County.

Craig O’Neal prepares a GentleWave demonstration unit with assistance from dental assistant Chelsi Thomas in the Sonendo booth (No. 1127).

Register for the 11th annual World Endodontic Congress, which will be Oct. 4-7 in Seoul, Korea, in booth No. 1506, and you get a free International Federation of Endodontic Associations T-shirt. From left are Ria Park and Jace Lee of the Seoul chapter of IFEA.

In the Allstate Business Insurance booth (No. 1317), from left, Eloisa Villalobos, Danielle Shannon-Lammon and Brett Allison invite you to stop by and earn a chance at winning a pair of Bose SoundTrue headphones.

Photos by Robert Selleck, Endo Tribune Staff
Megan Booth and Brian Kelting with the endo-procedure wheel in the Coltene booth (No. 303).

Feel free to handle the D.T. Light-Post Illusion X-RD Radiopaque Translucent Fiber Post System in the Bisco booth (No. 621).

Tanya Beck in the Roydent Dental Products booth (No. 1109) has a show-special offer on the MAP One intro kit: Buy one and then pick out 10 packs of your choice of files.

Visit XDR Radiology in booth No. 306 and get a free pair of sunglasses (while they last) from Kathleen Mulligan and Adam Chen.

In the Avalon Biomed booth (No. 1315), Hugo Munoz, DDS, of Guatemala City, Guatemala, learns more about NeoMTA Plus after having worked with a sample. Helping him, from left, are Nikki Ruck and Carolyn Primus, PhD.

The line stretches more than 100 people deep in the Zeiss booth (No. 1009) Wednesday morning for a book signing event with authors Syngcuk Kim, DDS, PhD, MD (Hon), and Samuel Kratchman, DMD, and associate editors Bekir Karabucak, DMD, Meets Kohl, DMD, and Frank Setzer, DMD, PhD. The book is ‘Microsurgery in Endodontics.’

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Patty Torres with Centerplate prepares the next fresh batch of chocolate chip cookies in the Henry Schein booth. Let the aroma stop you, and then be sure to visit the multiple stations in the expansive booth as you enjoy your cookie.

Kerr Endodontics has a commanding presence at booth No. 1019. Visit from 11 a.m. to 1 p.m. on Friday for ‘EnDonuts’ with Dr. Diwakar Kinra, DDS, who will explain how he uses the NOMAD handheld X-ray system to improve efficiency in his practice. Freshly baked donuts will be served.
In the AAE Attendee Lounge, Daisuke Nagao, DDS, of Hitachinaka City, Japan, waits for the prize wheel to stop spinning (his prize: a pair of earbuds).

Mike Walsh displays the Porter Silhouette low-profile nasal mask in the Porter Instrument booth (No. 627).

Check out the ultralight and ultra-bright headlights and other eyewear in the Designs for Vision booth (No. 1208).

Jim Hughes in the Planmeca USA booth (No. 420).

The counter at the Munce Discovery Burs booth (No. 726) is typically busy Wednesday morning.

Marco Canonico has a deal for you in the Angelus booth (No. 209): Buy a package of MTA Repair HP and get an MTA-Fillapex placement syringe free.

In the J. Morita USA booth (No. 727), from left, Diego Mazuera helps Eric Novison, DDS, of New York, N.Y., work with the Tri Auto ZX2 OGP, which boasts having ‘Optimum Glide Path’ and ‘Optimum Torque Reverse.’

Andy McIver-Hartzell displays the gutta-percha removal instrument with peek-handle in the Kohdent Roland Kohler Medizintechnik booth (No. 217).

In the J. Morita USA booth (No. 727), from left, Diego Mazuera helps Eric Novison, DDS, of New York, N.Y., work with the Tri Auto ZX2 OGP, which boasts having ‘Optimum Glide Path’ and ‘Optimum Torque Reverse.’
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AVALON BIOMED
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Foundation pilots outreach program offering helping hands and smiles in the United States

By AAE Staff

The American Association of Endodontists’ philanthropic arm, the Foundation for Endodontics, marked the opening of a new endodontics operatory at the Stephen Klein Wellness Center in Philadelphia with a ribbon-cutting ceremony in April.

The North Philadelphia center is operated by Project Home and will be staffed on a part-time basis by an endodontic resident and faculty member from Einstein’s I.B. Bender Division of Endodontics, Department of Dental Medicine. It serves low-income patients who would otherwise likely face tooth extraction.

"Patients at the Project Home clinic will now have the opportunity to save their natural teeth under the care of an endodontic specialist," said Dr. Peter Morgan, president of the Foundation for Endodontics. "What a great benefit to that community and a great experience for endodontic residents. This is a rewarding outcome to all of the work by all involved."

This endeavor was inspired by the foundation’s mission expansion in 2016 to include access to care. Philadelphia endodontist and past president of the Foundation for Endodontics Dr. Louis Rossman, who endorsed a domestic mission when he was head of the foundation, will volunteer his time as a faculty member at the clinic.

"My idea was to take the nearly 450 post-doctoral residents who attend close to 58 different universities learning to specialize in endodontics and have them rotate in their local communities," Rossman said. "The decision was made to use Project Home at the Klein Wellness Center as our trial program."

In the past, the foundation has funded volunteer outreach opportunities to Jamaica, but this is its first domestic undertaking.

"You don’t have to go far out of our own ZIP code to see the desperate need for our services," said AAE member Dr. Frederic Barnett, chairman of the Maxwell S. Fogel Department of Dental Medicine at Einstein. "We are looking forward to a long-term association with Project Home and the vulnerable people they serve."

The foundation would like to thank Carl Zeiss Meditec Inc. for providing one OPMI PICO microscope on a long-term loan basis for use in the operatory. A special thank you to Brasseler and Henry Schein Inc. for the discounted sale of all other endodontic equipment that will be used in the operatory.

About the Foundation for Endodontics

American Association of Endodontists Foundation, headquartered in Chicago and incorporated in 1966, is the philanthropic arm of the AAE. As a 501(c)(3) charity organization, it is to support endodontics by providing resources and funding for research, education, public awareness and access to care. For information about the Foundation for Endodontics, please visit foundation.aae.org.
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Avalon NeoMTA Plus: Exceptional healing means fewer apical surgeries

By Sayeed Attar, DDS, MS, Advanced Endodontics of Texas; Keller, Texas

Like many endodontic practices, for years we were impressed by the bioactive properties of MTA (mineral trioxide aggregate) but frustrated by its tedious handling, slow setting time and excessive washout. Fortunately, a few years ago, we discovered Avalon Biomed’s NeoMTA Plus®. Our assistants love it because it’s easy to get a good, consistent mix. For me, its best properties are that it is washout resistant and non-staining. With other MTAs, I usually had to create an overfill because I knew that some of the material would be lost to washout or, alternatively, would have to place a glass ionomer barrier over the MTA to prevent washout and secure the MTA.

As important as all of these advantages are, the most important advantage of NeoMTA Plus is something we had not expected: dramatically superior healing. As a result, we particularly rely on NeoMTA Plus for the more challenging cases, like open apices, resorptions and perforations. Because of the excellent healing we get with NeoMTA Plus, the biggest benefit of this innovative material is that we do fewer apical surgeries and we experience more predictable outcomes and hence fewer retreatments.

A case involving a 62-year-old female patient who presented with intermittent pain on #8 and #9 (Fig. 1) illustrates the exceptional healing ability of NeoMTA Plus. We first retreated #9, which had undergone both a root canal and apical surgery more than 40 years ago. Two weeks after the retreat on #9, we performed apical surgery on this tooth as well as #8, which had also undergone a root canal and apical surgery more than 40 years ago. Two weeks after the retreat on #9, we performed apical surgery on this tooth as well as #8, which had also undergone a root canal more than 40 years ago and apical surgery more than 10 years ago. (Retreatment was not performed on #8 because of the size of the post and cone and the patient’s desire to minimize any restorative issues with her crown.)

I was quite impressed to see the patient was completely healed at the six-month recall (Fig. 2), and the 12-month recall (Fig. 3) reconfirmed the results. In my experience with other materials, there would usually be only partial healing after six months, particularly with an older patient.

About the author

Dr. Attar is a graduate of the University of Minnesota, School of Dentistry, where he also obtained an endodontic certification and an MS degree. He then served five years as a faculty member in the Department of Endodontics at the University of Minnesota while also working in clinical practice. He and his wife, Dr. Casey Turner, relocated to Texas and opened Advanced Endodontics of Texas. He is a diplomate of the American Board of Endodontics.
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booth #420
By COLTENE Staff

COLTENE has expanded its HyFlex EDM endodontic product line. HyFlex EDM files are now available in 21 mm, as well as 25 mm. In addition, a 20/05 preparation file has been added to the line, which enables the clinician to treat curved canals only with the efficient HyFlex EDM system, according to the company.

The company asserts that after creating a glidepath with the 10/05, the 20/05 file allows minimally invasive, fast preparation of the canal. HyFlex EDM files are indicated in cases with calcification or retreatment. Fabricated using EDM (electrical discharge machining) breakthrough technology, HyFlex EDM offers up to 700 percent greater fracture resistance compared to traditional NiTi files (Int Endod J. 2015 May 22. doi: 10.1111/iej.12470). The OneFile is designed to increase the number of cases that can be prepared with confidence, using just one or two HyFlex EDM files.

Visit booth No. 303 to see the new HyFlex EDM files for yourself. You may also request a free sample at hyflexedm.coltene.com.
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Try the Silhouette Nasal Mask for predictable nitrous oxide analgesia

By Porter Instrument Staff

The Silhouette Nasal Mask is the first truly innovative product for nitrous oxide use in decades, according to Porter Instrument, the company behind the product, which asserts that nothing like it exists.

Imagine a nasal hood that does not obstruct access to the oral cavity. Imagine a nasal hood that is so lightweight the patient barely notices it. Imagine a nasal hood that delivers and scavenges nitrous oxide more efficiently than any other nasal hood. Imagine a nasal hood that provides predictable results for the dentist and a pleasant experience for the patient.

The imagination is over — the Porter Silhouette is revolutionizing how nitrous oxide is used in the dental practice, according to the company.

The Silhouette Nasal Mask is a single patient use disposable nasal mask and circuit. Featuring four size options (pediatric, small, medium and large), the Silhouette is designed with the lowest possible profile, making it easier for you to work around.

In addition to the innovative shape and design, Silhouette has an adhesive strip for the bridge of the patient’s nose — securing the mask in place. This virtually eliminates gas flowing into the patient’s eyes and more effectively scavenges the exhaled gas, addressing the concern of health-care provider safety.

Infrared videos demonstrating this efficiency can be viewed on the Porter website at www.porterinstrument.com/silhouette.

Silhouette also allows for the efficient and effective administration of nitrous oxide, creating a more predictable analgesic experience for each patient. Dentists may find they can actually use less gas, as the potential for the patient to inhale ambient air is diminished when using the Silhouette Nasal Mask.

As a single-use disposable product (both the mask and 36-inch tubing), set up and room turnover times can be improved. There is also less time needed for infection control protocols (compared with standard nitrous breathing circuits).

Dentists and staff can now benefit from giving their patients nitrous oxide and oxygen in the practice — and they can work more efficiently with the new Silhouette Nasal Mask.

Visit the Porter booth, No. 627, for a demonstration.
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- Cleans the deepest, most complex anatomies of the root canal system2 3 to remove bacteria, debris, tissue4 and biofilm5
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