

today



A camera that's designed for you

Dental photography requires special needs, and this camera just may fit the bill for all of them.

»page 4



Keeping your patients safe

There is a new method for detecting caries — and this way doesn't involve any radiation.

»page 6

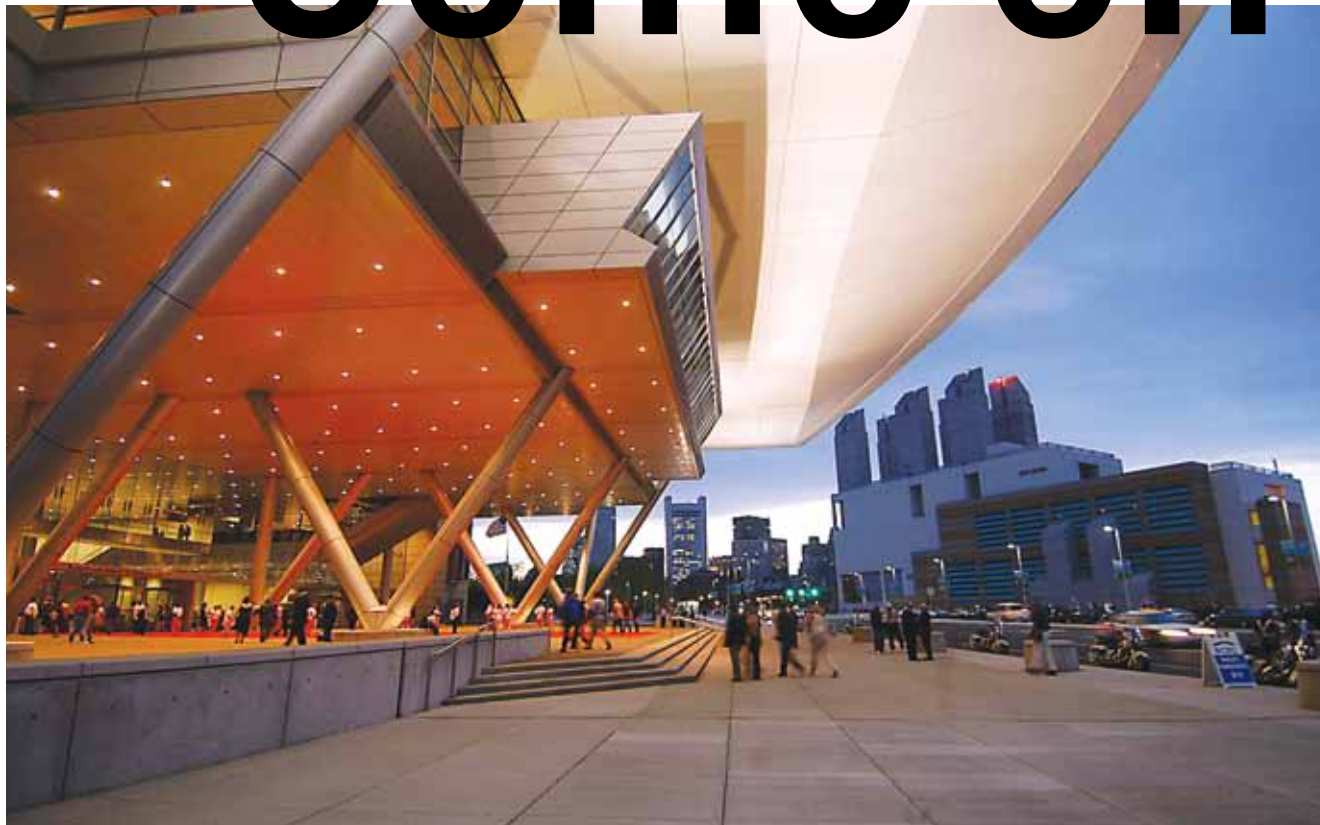


Two for the price of one

Worried about contamination with your zirconia crowns? Now you don't have to be!

»page 8

Come on in



• The Boston Convention & Exhibition Center. (Photo/Provided by the Greater Boston Convention & Visitors Bureau)

Yankee Dental Congress 2016 is ready to help you navigate your way to a successful future

By *today* Staff

■ If it's world-class education and the newest and best products you want, you are in the right place. For the next four days, the Boston Convention & Exhibition Center will be the site of more than 300 continuing education courses and events taught by leading experts in dentistry as well as booths from more than 450 exhibitors, featuring everything from toothbrushes to CAD/CAM machines to cameras made exclusively for dentists.

Nearly 27,000 dental professionals from around the United States are expected to be here, and with so many

» see COME, page 3

Let Yankee save you some money

■ You already knew the badge around your neck gets you into the exhibit hall and the many education sessions going on at the Boston Convention and Exhibition Center, but did you know it's also worth money?

Below is a short list of places where just showing your badge can save you a couple dollars, but for more places and information, go to www.yankee-dental.com and click on "Attraction Discounts" located under "Travel & Housing."

- **Freedom Trail Run:** Meet Saturday and Sunday on Boston Common and run a 5k course that passes landmarks from America's Revolution. Save \$5 off registration. www.FreedomTrailRun.com/ydc

- **Boston Children's Museum:** The children's museum is a private, non-profit, educational institution, recognized internationally as a research and development center and pacesetter for children's exhibitions, educational programs and curriculum.

Admission includes all activities, Kid-Stage performances, special events and hands-on exhibits. Admission is \$1 per person on Friday nights from 5-9 p.m. bostonchildrensmuseum.org

- **Institute of Contemporary Art:** The ICA is Boston's first new art museum in more than 100 years. It features contemporary paintings sculptures and photographs, in addition to cutting-edge live dance and musical performances. Save \$2 off regular admission. www.icaboston.org



• The Institute of Contemporary Art. (Photo/Kindra Clineff, Massachusetts Office of Travel & Tourism)

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*Brinker, S. (2015, January). HIPAA compliance and digital photography with personal mobile devices. *Dental Products Report*, 76-80.



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today Yankee Dental Congress 2016 Show Dailies Vol. 7 appear during the Yankee Dental Congress in Boston, Massachusetts, Jan. 28–30, 2016.

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COME *from page 1*

options to choose from, there is sure to be something for everyone.

For instance, starting today, Yankee is once again offering the Fast Track series, this time focusing on the stresses associated with a career in dentistry. You will learn how to identify warning signs and discover tools and available resources to prevent and manage common, largely preventable health problems that affect dentists, dental teams and patients.

Also today is the interprofessional symposium, "Body on Fire," which will discuss the cause and effect of inflammation, from the systemic to the oral cavity. You will discover how nutrition and stress-reducing techniques can help soothe the inner burn of inflammation.

Here at Yankee

For information on courses and events, and the latest changes, check www.yankeedental.com or download the free app on your smartphone.

On Friday, three tracks of continuing education courses and events are geared toward those in an auxiliary role: RDH @Yankee, American Association of Dental Office Managers Day @Yankee and Modern Dental Assistant @Yankee. Each track will allow hygienists, office managers and dental assistants to share best practices, navigate current challenges, experience new technologies and network with their peers.

In addition, there is a whole host of workshops and sessions going on all

meeting, with topics including infection control, CDT coding, front desk management, inflammation, nutrition and root caries.

And don't forget about the exhibit hall. Along with the rows of products and technology, there are also a variety of C.E. programs there, too, including Product Navigator Live and CBCT Digital Imaging. The Healthy Living Pavilion, Live Dentistry and Dental Office Pavilion are also back.

Finally, today and Friday, the TeamSmile Clinic for Children will be held just off the exhibit hall floor. More than 200 clinical volunteers will provide free dental services and oral health education to hundreds of Boston-area children.

The exhibit hall is open until 5:30 p.m. today. For more information, download the Yankee 2016 app.

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Pacific Dental Conference

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EyeSpecial C-II: Designed for dentistry

By Shofu Dental Staff

■ A 2015 recipient of the Pride Institute's Best of Class Technology Award, Shofu's EyeSpecial C-II camera has been revolutionizing the way photography is performed in dental practices and laboratories.

Equipped with intuitive, cutting-edge abilities tailored for dentistry, Shofu Dental asserts this camera will help achieve the varied needs of a busy dental office, whether it is the dentist, assistant or hygienist performing the clinical photography, case documentation or patient and lab communication.

The EyeSpecial C-II captures high-quality images with ease and convenience, according to the company. It has an exceptional depth-of-field range, smart autofocus and unique flash capabilities that ensure true-color reproduction and superb clinical photography.

Like smartphones and tablets, Shofu's camera is highly intuitive, user friendly, compact and ultra-lightweight, according to Shofu.

The camera features eight preset dental shooting modes, each designed to address a specific dental photogra-

Here at Yankee

To learn more about Shofu's smart digital camera designed exclusively for dentistry, stop by the booth, No. 1229, visit www.shofu.com or call (800) 827-4638.

phy need. Made for comfort and functionality, the EyeSpecial C-II exceeds stringent infection control protocols. The camera is water-, chemical- and scratch-resistant and can be quickly disinfected with a wipe, a task that can sometimes be daunting when performed on traditional equipment.

Operating Shofu's camera is also virtually stress-free, according to the company, because no extensive technical knowledge is required to work with the EyeSpecial C-II, an attribute that brings consistency and efficacy to treatment planning and allows the clinician to delegate clinical photography tasks to staff members.

The Shofu camera offers numerous features that facilitate in-office and peer-to-peer collaboration and patient education, according to the company. The LCD screen of the EyeSpecial C-II is larger than displays



Shofu's EyeSpecial C-II camera. (Photo/Provided by Shofu Dental)

in typical smartphones and SLR-s, and it can be operated with a gloved hand. The draw/edit function enables making notes on images, which can be valuable when discussing therapy options or pointing out problematic areas in a treatment.

The camera also has the ability to wirelessly interconnect with other

systems in the dental office and laboratory. When equipped with a Wi-Fi card, a photograph captured with the camera will instantly appear on connected office devices, including a computer screen, a laptop and an iPad, turning a dental office or a laboratory into an efficient communication hub.

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Imaging options up close at DEXIS booth

By DEXIS Staff

■ If you haven't had a chance to see DEXIS™ and CariVu™ up close, now is your chance to see these innovative imaging options in action. A recent study showed that DEXIS digital radiography has the best image quality and the lowest radiation dose, among its many other attributes, according to the company. And the CariVu caries detection device is a new approach to discovering caries and cracks.

Both of these multifaceted imaging solutions were created with the needs of the clinician in mind.

According to the company, the DEXIS system combines the best digital X-ray sensor and dental imaging software to bring image quality, ergonomics, ease of use and efficiency to the dental office. PureImage™ Technology makes DEXIS images sharp and clear, even when enlarged. Higher visible resolution, higher contrast and lower noise make key anatomy more pronounced, allowing doctors the opportunity for better analysis of the images. The 16,000 shades of gray captured by the sensor allow the clinician to see subtle variations in density.



(Photo/Provided by DEXIS)

A recent study notes DEXIS X-rays are more consistent and clinically usable at a wider range of exposure settings than those of other sensors.¹ That is an advantage to both the dentist and patients. As a result, practitioners benefit from a reduction in time-consuming, exposure-related retakes, and patients benefit from the reduction in radiation. Dr. Cynthia Brattesani says, "If we can decrease patients' radiation exposure without sacrificing image clarity or detail, then we should definitely do that for them."

What is better than low dose? No dose. That is where the DEXIS CariVu caries detection device comes in. CariVu uses patented transillumination technology to support the iden-

Here at Yankee

Check out the DEXIS system and the CariVu at the DEXIS booth, No. 2200.

tification of occlusal, interproximal and recurrent carious lesions and cracks. CariVu does not emit ionizing radiation, which is important for patients who are reluctant to have X-rays or for those who are not due for X-rays yet but have a dental issue.

Dr. Grant Smith recognizes that CariVu is a helpful addition to his other imaging technologies. He says, "Even patients who are not receptive to my low-dose digital X-rays can benefit because CariVu technology does not involve radiation." In contrast to other caries detection devices, he says: "CariVu illuminates both sides of the tooth simultaneously, so I can visualize the margins not only from the occlusal but volumetrically, and I can document the findings. I can spot fractures more easily than with radiography, and trust what I see." CariVu's images read like familiar X-rays, and the device has a high-detection accuracy with a study

showing an interproximal dentin caries detection rate of 99 percent.²

Dr. William J. McKibben adds that CariVu is a powerful tool not only for diagnosis, but it also adds additional information when filing claims to insurance companies. He says: "I already take a lot of intraoral photographs for documentation for insurance companies and also for patient education. CariVu gives me an extra level of documentation."

Visit the DEXIS booth, No. 2200, and see the imaging technologies that the company asserts have established DEXIS as a brand of excellence.

References

1. Data sources: DEXIS Sensor Competitive Performance Study, December 2013, by Brad Carlson, PhD, and Scott Kravis, PhD; DEXIS Sensor Clinical Evaluation Report, February 2015, by Christine Hart, CDA, and Lisa Ratnow. Indications for use at dexis.com/ifu.
2. Kühnisch J. Benefits of the DIAGNOcam Procedure for the Detection and Diagnosis of Caries [study project]. Munich: Ludwig Maximilian University of Munich; 2013.

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NuSmile's zirconia primary crown system delivers a one-stop solution

By NuSmile Staff

■ As a trusted name in pediatric restorations, NuSmile was determined to take a unique approach with pre-formed zirconia pediatric crowns.

"After investigating the science and consulting with numerous pediatric dentists, it was clear that a complete zirconia solution was needed," said Diane Johnson Krueger, NuSmile CEO.

The first thing the company did



• Every NuSmile ZR zirconia crown, left, comes with a matching Try-In crown. (Photos/Provided by NuSmile)

was develop a patent-pending process for manufacturing its NuSmile

ZR zirconia crowns, which deliver unmatched esthetics and exceptional durability, according to the company.

A landmark study had concluded that problems with contamination can occur when any zirconia crown is placed on a tooth during trial fitting and that this contamination significantly impaired cement to crown retention. NuSmile resolved it would solve the problems caused by saliva and blood contamination and also eliminate extra cleaning steps needed to remove this interfering contamination.

NuSmile's unique solution: Each of its NuSmile ZR zirconia crowns has a reusable corresponding Try-In crown included within the crown kit that is identical in size and shape. The Try-In crown eliminates the need to place the actual zirconia crown in the mouth prior to cementation, thus completely avoiding saliva/blood contamination.

NuSmile also endeavored to find the best possible cement for zirconia crowns.

"We determined that a cement for pediatric patients should ideally be bioactive," Krueger said, "but we couldn't find one that met all of our criteria and that was easy to use with pediatric patients. So we developed our own."

That cement – NuSmile BioCem® – is the only cement that releases phosphate, calcium and fluoride ions into the oral environment and forms hydroxyapatite that is available to integrate with and replenish the tooth, according to NuSmile. The company asserts that studies show that BioCem demonstrates a superior bond strength to zirconia, and, unlike other bioactive cements, it exhibits easy handling and does not require trituration.

"Our customers told us they wanted a one-stop solution for all their needs involving zirconia crowns," Krueger said.

"That's exactly what we've given them, and we couldn't be happier with their response to the NuSmile ZR system."

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Here at Yankee

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