Help patients stop snoring and sleep better with the aveoTSD

By Michael C. DiTolla, DDS, FAGD

- Snoring and sleep apnea are two words ignored by nearly every dental school in the United States. In fact, most dentists aren’t even aware of their role in the treatment of sleep disordered breathing. And while you might think it’s safe to assume the average physician would be educated on the treatment of snoring and sleep apnea, you would be wrong.

Unfortunately for the roughly 20 million people in the United States who suffer from sleep apnea, neither profession has made diagnosis and treatment of sleep disordered breathing a top priority, even though half of all American adults snore regularly. The American Academy of Dental Sleep Medicine (www.aadsm.org) would love to educate you on how to recognize sleep disordered breathing and the variety of oral treatment devices available.

One available treatment is the aveoTSD anti-snoring device. Developed by Dr. Chris Robertson, a dental sleep medicine expert who has made finding an effective treatment for snoring his life’s work, the aveoTSD has been perfected over a period of many years. “We’ve spent in excess of $1 million in development and patent costs to date, but at last we’re now in the international marketplace,” said Robertson, who is based in New Zealand. “Money is not a big motivating factor for me,” he said. “I’m doing this because it is something I care about.”

Glidewell Laboratories is proud to be the North American distributor of the aveoTSD, which we have had trouble keeping in stock. Apparently there are more snoring dentists than we expected who are trying to score points with their spouses.

Unlike most oral devices, the aveoTSD doesn’t advance the mandible or even attach to the teeth. It is an extraoral appliance with a small suction cup that holds the tongue forward — something that was the whole point of mandibular advancement anyway. Because it doesn’t attach to the teeth, no impressions need to be made, and the medium size fits 95 percent of patients.

If you have been searching for a less-intrusive appliance for yourself, a staff member or a patient, I recommend you give the aveoTSD a try.

Sirona Dental Systems expands infiniDent services

New management, more indications and more material choices

- Sirona Dental Systems recently announced the expansion of infiniDent, an Internet-based laboratory service that caters exclusively to Sirona inLab® and inEos® Blue users and which will now include Ivoclar Vivadent®’s IPS e.max® CAD material.

Sirona laboratory customers can upload the digital impressions they receive from CEREC® dentists to infiniDent, located in Charlotte, N.C., for fabrication of all restoration types. The Sirona-operated facility then returns the completed work to the laboratory within three business days.

Under the new management of Bob Vasile, the range of materials and indications have been expanded from framework materials to include full-contour materials made from Ivoclar Vivadent’s IPS e.max CAD lithium disilicate and VITA’s new RealLife® material.

Vasile recently joined Sirona as the CEREC laboratory manager for infiniDent, and he brings a unique set of skills to Sirona. He most recently worked for a major manufacturer of custom CAD/CAM fabricated implant abutments.

Additionally, Vasile owned and operated his own dental laboratory for more than 20 years.

Under Vasile’s management, and since Sept. 15, infiniDent offers even more services and an expanded list of materials. Initially limited to providing only copings and bridge frameworks, infiniDent now provides a number of complete restorative applications, including recently added full-contour restorations and veneers. New materials now include Sirona CEREC Blocs, IPS e.max CAD lithium disilicate, VITA Mark II, VITA TriLuxe forte and VITA RealLife.

“infiniDent provides an extremely wide variety of indications,” said Vasile. “We’re flexible; if a laboratory owner has only our inEos Blue scanner, for example, he or she can send the case over to us and we will send back the finished product. We’ve also added full-contour materials to meet the growing demands of our inLab and inEos customers.”

infiniDent continues to support existing materials, such as pure zirconium oxide (ZrO2), aluminum oxide (AlO2) and laser-sintered, non-precious metal, as well as fully anatomic wax patterns.

infiniDent enables current inLab and inEos owners to derive additional value from their technology investments by providing access to a continuously expanding menu of materials and indications, as well as providing customers with complete design control of their restorations.

infiniDent is an ideal solution for various lab groups, such as:
• Labs that have their own inLab system but no sintering furnace: These labs can utilize infiniDent to offer pure zirconium oxide crown and bridge frameworks to their dentists without giving up design control, as they would when sending their work to an outsourcing lab. infiniDent allows them to buy their own sintering furnace, if they choose.
• Labs looking for a low-investment, but expandable, entry model into CAD/CAM: In this case, a lab buys only an inEos Blue scanner. It would then scan and design its work in its own lab and have infiniDent fabricate the restorations. As the volume grows, the lab can purchase its own inLab MC XL milling unit, as well as its own sintering furnace.
• inLab users who want to gain access to future indications and materials: infiniDent protects their investment in inLab technology by enabling lab owners to order new materials as soon as they become available.

Here at the GNYDM

For more information on the aveoTSD, stop by the Glidewell booth, No. 2203.

Here at the GNYDM

For more information about any of Sirona’s CAD/CAM and digital impression solutions or to schedule a free demonstration, call your local Patterson branch or (800) 873-7683, visit www.inLab.com or stop by the Sirona booth, No. 4425.

(Photo/Provided by Sirona Dental Systems)
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To qualify for a VIP PASS, visit Booth #5033.
Gendex shows off its new sensor, which promises to improve patient comfort and be easier to use

With the launch of the new GXS-700™ sensor, Gendex has something to “rayve” about! According to the company, the sensor is already getting high marks on its enhanced image acuity, improved patient comfort, portability and ease-of-use.

Quintessential quality
Enhancing image quality to elevate diagnostic capabilities was the highest priority in the design of the 700, according to Gendex. Its advanced CMOS sensor technology delivers more than 20 visible line pairs per millimeter, and its small 19.5 μm pixel size highlights the smallest details and emphasizes distinctions in density. The result: stunning, high-resolution images.

Dazzling design
When size matters, the GXS-700 comes to the rescue, with two ergonomically designed sensors suited for both children and adults. Rounded corners and smooth-edge finishes comfortably fit the anatomical shape of the mouth. You won’t have to fix it if it isn’t broken. The durable materials and components of this product increase the life span of the 700.

Workflow wonder
The sensor works and plays well with others. The 700 was engineered for smooth integration into practice management systems. A time-saver, the unique “Always Ready” feature automatically recognizes the presence of radiation; there’s no need to initiate image capture through the software. And you can take it with you: Direct high-speed USB 2.0 connectivity offers optimum portability, and there is no need for USB controllers, adapters or docking stations. The sensor simply plugs directly into USB 2.0 port on the computer for speed and efficiency.

First reaction
Dr. John Flucke, technology editor of Dental Products Report, notes that his initial reaction was: “Wow!” He adds: “Gendex has hit another home run with the GXS-700 series sensors. The direct USB connection eliminates clutter and hardware hassles. The redesigned sensor case provides amazing patient comfort. However, convenience and comfort are nothing without diagnostically accurate images. “In this regard, the GXS-700 is a game changer. Once you see the image quality, you’ll see why I’m saying the GXS-700 series is a must-have for those who want the very best in digital radiography.”

Here at the GNYDM
Be sure to stop by the Gendex booth, No. 4017, to see the GXS-700 and to see how it can enhance your practice.

Showing off the new Gendex GXS-700 sensor. (Photo/Provided by Gendex)
Facial Imaging Mobile brings 3-D cone beam directly to dentists

By Kristine Colker, Managing Editor

Almost three years ago now, something happened in the tri-state area to change the world of 3-D cone-beam dental digital imaging forever. Elana Magreli, Alon Hayka and Dr. Marvin M. Rosenberg teamed up to start Facial Imaging Mobile, a company dedicated to bringing digital imaging directly to dentists’ doorsteps. By now, the benefits of a 3-D cone-beam dental digital imaging unit are well known — a more accurate diagnosis and treatment plan for a more predictable outcome, greater treatment acceptance with increased office efficiency, significantly less radiation when compared to a medical CT scan and an almost immediate turnaround time as opposed to having to wait days, or even weeks, to get results of traditional scans.

However, as Magreli, Hayka and Rosenberg knew, there are still a couple of big drawbacks to cone-beam digital imaging — namely, that full field-of-view units are not always affordable for all dentists, and many don’t have the experience working with it.

Keeping all that in mind, the three of them came up with the idea to offer a mobile unit in a customized van that would come directly to dentists’ and specialists’ offices, allowing their patients to take advantage of the latest technology without having to leave the comfort of their own clinicians’ office.

Magreli, Hayka and Rosenberg brought their idea to NewTom, which came on board. Each of the mobile units now utilizes the NewTom VGi Cone Beam CT, the only CBCT warranted for use in a mobile environment and designed specifically to offer state-of-the-art cone-beam 3-D scans to general dentists, periodontists, oral and maxillofacial surgeons, endodontists and orthodontists in the convenience of their own practices.

The company serves practices in the tri-state area, along with the entire state of New Jersey, Pennsylvania, Maryland, Virginia and Washington, D.C.

Today, mobile cone-beam units are gaining in popularity as more of them are starting up across the country. Magreli, Hayka and Rosenberg, however, know they offer a few things the others don’t.

First is the experience the three of them provide. “We have three world-class experts at the offices of the company,” Rosenberg said. “Alon is the technical side. He developed the Image Guided Surgery Systems for implant dentistry and is an expert in implant dentistry. Elana is the managerial side. She is a class-act and the driving force behind us.”

A look inside one of Facial Imaging Mobile’s units. (Photos/Provided by Facial Imaging Mobile)

Waiting rooms, doors and is more similar to a mobile blood bank than other 3-D mobile units, which leaves patients feeling more at ease about the process.

To check out the mobile vans for yourself, to discuss creating a joint venture or just to get more information, e-mail Magreli at elana@facialimagingmobile.com, visit www.facialimagingmobile.com or stop by the NewTom booth, No. 5401.
CarieScan PRO: Superior technology for accurate and confident caries detection

By Prof. Nigel Pitts, BDS, PhD, Fay Goldstep, DDS, FADC, FACDE; and George Freedman DDS, FAACD, FACD

The trend toward more preventive, patient-centered caries management is being advocated by groups such as ICDAS, CAMBRA and the ADA. This approach has led to the promotion of better quality information to make decisions about appropriate diagnosis, prognosis and clinical management at both the individual and public health levels.

In particular, ICDAS also provides a framework to support and enable personalized comprehensive clinical caries management for improved long-term outcomes.

Modern caries management now involves not waiting until end-stage disease is evident (significant dentin caries), but seeking to identify also early-stage disease, which can be controlled in many cases without ever requiring surgical intervention. The value of early caries detection to the patient is the ability to control the disease process sufficiently to contain, arrest or remineralize lesions in order to avoid or delay the burdens and costs associated with a spiral of restoration and re- restoration. Best practice now favors a preventive and patient personalized approach to treatment and recall.

In order to introduce effective caries management, it is essential for the clinician to have suitable protocols and tools for the accurate detection of primary caries.

Scientific evidence shows that purely visual inspection is not able to identify more than 40 percent of initial lesions, leading to further progression of the processes. X-ray examination is not able to identify primary lesions in their early stage, and more recent laser fluorescence innovations can lead to excessive false positives.

Excessive false positive readings lead to unnecessary surgical treatment of healthy teeth and uncertainty among clinicians. But now, advanced scientific technology has led to a better solution.

Better technology means better results

The CarieScan PRO’ is the first dental diagnostic device to use ACIST (AC Impedance Spectroscopy) technology to quantify dental caries measuring changes in tooth mineral density. This direct measurement is compared to a classification map of normal densities built up through six years of research and development at the Universities of Dundee and St. Andrews.

The concept of using an electrical signal for caries detection dates from the 1950s. In 1996, Nature Medicine (February 1996, Vol. 2, pp. 235-237) reported on the first use of multiple electrical frequencies involving a method known as ACIST. The use of variable frequencies was a major step forward in characterizing the status of dental hard tissues more accurately and being able to better differentiate between healthy and diseased teeth.

ACIST uses alternating electrical current (low-amplitude) to pass through tooth enamel and the pulp, measuring mineral density of the tooth. It penetrates through the entire tooth, not just scanning the surface.

The CarieScan PRO system then assigns mapped values of disease probability from 0 to 100 based on electrical impedance, at multiple AC frequencies within four seconds. Both numerical and the LED-colored inDECAYor™ the clinician with repeatable information for accurate patient-based treatment plans.

The variance in impedance response between the different stages of decay is significant.

The impedance measured in a healthy tooth is significantly greater than that of a demineralizing tooth site with a carious lesion, which in turn is significantly greater than that of a tooth site with extensive decay into dentin.

As a result, the sensitivity (correct detection of caries) and specificity (correct detection of healthy) of the ACIST technology in distinguishing these different stages of disease is far higher than current alternative diagnostic methods.

Positively fewer false positives

Other methods rely on optical or radiographic means. The former are easily confused by stains or discolorations, and the latter subjects the patient (and the clinician) to unnecessary and potentially damaging levels of ionizing radiation.

While fluorescence-based systems are effective in finding established dental lesions and caries better than conventional visual and radiographic methods, they are prone to a very high number of false positive readings, particularly in the presence of staining.

The poor specificity associated with laser fluorescence systems results from false positives readings as high as 40 percent*, which can in turn lead to unnecessary drilling of healthy teeth. The CarieScan PRO has a sensitivity and a specificity (minimizing false positives) both greater than 92 percent.

No pain, all gain

There’s no pain, no sensation, no ionizing radiation; simply touch the sensor to the patient’s dry tooth. Readings are clear and easily understood by patients, allowing you to simply explain the treatment plan. CarieScan PRO gives you the technology to build your practice, retain more patients and generate additional revenue.

Manage and monitor long-term dental health

The CarieScan PRO provides consistent, repeatable, reliable data, enabling the clinician to compare readings taken at subsequent patient visits. The comparison data enables the monitoring of the effectiveness of treatment and disease progression or regression. Low cost per patient minimizes your financial outlay, while providing the most accurate data available from a handheld device.

With CarieScan PRO, you can diagnose caries with confidence.

References

Midmark launches dental sterilizer promotion

Midmark has announced the launch of its 2010 dental sterilizer promotion, Crunching Numbers. The national promotion will run through Dec. 31 and will feature Midmark’s market-leading sterilizers, which are known for their reliability and efficiency.

The year-end promotion offers dental practices the opportunity to receive a $300, $400 or $500 rebate with the purchase of a Midmark M9 UltraClave, M11 UltraClave or M3 UltraFast sterilizer. A rebate of $1,000 is offered with the purchase of two sterilizers, an M3 UltraFast plus an M11 UltraClave or M9 UltraClave.

“To meet the important need of proper infection control during instrument processing, dental practices need to be sure their sterilizers are working properly,” said Bill Zulauf, director of marketing, dental products. “Through the Crunching Numbers promotion, we are providing customers with proven statistics and simple formulas to use to assess if a sterilizer is ready to be replaced.

“We are also providing the tools to help dental professionals choose the equipment that’s best for their practice.”

Important dates to remember:
- Promotional order period goes through Dec. 31
- Must take shipment by Jan. 31
- Must claim incentive offers by Feb. 15

For complete promotional details and product information, visit midmark.com.

About Midmark Dental

Dedicated to helping dental professionals deliver the most efficient patient care, Midmark offers a complete line of innovative equipment solutions for operatories, instrument processing and central utilities. The Midmark Artizan™ Dental Furniture line and Integra™ Dental Casework offer one of the most comprehensive cabinetry solutions available from a dental manufacturer, and its line of ergonomic dental chairs with patented integrated armrests is recognized for comfort and style.
Advance your dentistry with modern imaging technology for the 21st century dentist

Visit Leica Microsystems, booth No. 5334, to enter a drawing for one of four Leica V-LUX2 digital cameras. A random drawing will be held on each of the four days of the exhibit.

Leica Microsystems provides microscopes for dentistry that attract patients to your practice with modern, 21st-century technology and design. The Leica M320 F12 with cable-free design fully integrates the following features:

- **Leica Microsystems’ world-renowned optics:** See more details than ever before with crystal clear apochromatic technology and great depth of field; freely position the optical head where you need it.

- **High-definition (HD) imaging:** Features an integrated HD camera and recording system for easy documentation and sharing of information for teaching and consultation.

- **High-quality LED illumination:** Produces high-quality, daylight temperature illumination for high-fidelity colors and provides a low cost of ownership.

- **Antimicrobial surfaces:** Leica AgProtect™ nanosilver coating reduces pathogens on the microscope and prevents their transfer to users and patients.

Leica Microsystems will also show the unique Leica HM500 head-mounted microscope. The Leica HM500 headmounted microscope, like the dental loup, is worn on the head. The system offers a sharp, 3-D view of all details in the field of treatment from all angles.

You can move freely and work in a natural posture for precise and efficient working for restorative dental procedures, in particular.

The Leica HM500 headmounted microscope’s variable magnification enhances what you see without changing how you naturally look at the patient’s oral cavity. In addition, the field of vision is always completely and uniformly illuminated. The shadow-free, coaxial lighting delivers high-fidelity color and penetrates even the narrowest and deepest cavities and brings all details to the forefront. The integrated camera allows you to document and display cases on the screen with high resolution, precisely from the dentist’s perspective.

Leica Microsystems supports you with modern imaging technology to provide the best patient care possible. Visit Leica Microsystems at booth No. 5334 to find out more and receive a professional consultation from a board certified DDS for your dental practice needs.

Here at the GNYDM
For more information, visit booth No. 5334, call (800) 248-0123 or visit www.leica-microsystems.com.
Will you retire healthy?

RGP Dental says ‘yes, you will’

Today’s dental community is more aware of ergonomics than previous generations.

Still, dentists continue to retire early due to disabilities related to their daily working habits. In fact, if statistics and current trending analysis are correct, roughly 30 percent of active dentists will retire prematurely due to musculoskeletal injury.

RGP Dental Inc. was founded in the United States in 1996. Ergonomic seating options at that time were minimal. RGP realized the need for products that would not only provide a superior health benefit but would also fit and support the human couture comfortably. RGP’s founders had previously spent five years in Europe investigating the area of ergonomic seating.

Today, RGP Dental specializes in dental stools that help lessen or eliminate the four major risk factors that contribute most to musculoskeletal disorders: repetition, force, mechanical stress and posture.

The active seating that the RGP stools offer helps increase blood flow and keeps the body active.

According to studies, sitting in a static position can create inflammation of the muscles, which can lead to serious injury.

Putting your body in different positions throughout the day, or active seating, stimulates a varied muscle group and can help to strengthen the body without injury.

Many of today’s ergonomic speakers recommend using two different types of stools in the office and rotating between procedures. In doing so, the risk of static injury decreases significantly.

RGP’s 400-D is an easily adjustable operatory stool whose backrest can fit perfectly into the small of anyone’s back. When the lever is engaged, the backrest presses against your back and forces you to press on it in return. This will help actively engage the core muscles of your body.

While strengthening your muscles, the backrest never leaves your back. It will stay with the user when leaning forward or back. Many of the stools user’s will utilize the active seating feature to find their desired working position and then lock it in place.

The options and positions in which one can sit and be supported are endless with the 400-D. Along with the 400-D stool, RGP also offers an array of seating options designed specifically for you. A popular alternative to the 400-D is RGP’s Straddle Stool.

RGP’s Straddle Stool is an ergonomic stool that allows one to perform a task ergonomically at a height approximately 8–10 inches higher than you would with traditional seating. By straddling the stool as if riding a horse, you pre-position your spine into proper lordosis, or the proper ‘S’ curvature.

During the Greater New York Dental Meeting, RGP is offering a 20 percent discount on each stool and greater discounts on multiple orders.

RGP urges you to at least stop by its booth, Nos. 5209 to see what it can offer to help make your career less painful and more enjoyable.

Here at the GNYDM

For more information on RGP and to try out any of the stools, stop by the booth, No. 5209.

NewTom Cone Beam 3D Imaging

Professional-Grade Imaging From the Experts You Know

“NewTom VGi... the best machine in dentistry today, bar none.”

Jerry Peck, CEO C-Dental X-Ray, Inc.

New York’s ONLY Mobile 3D Imaging Center will be on display in the ImageWorks booth #5401 at the Greater New York Dental Show 2010

Stop by to learn how you can get a Radiologist-Grade NewTom for less than $110K when you take advantage of Section 179.

NewTom VGi - built to last even on the streets of NY!

AD
Invisalign G3 expands on original product to deliver better results

Upgrades also streamline overall planning process

In the decade since the commercial launch of the Invisalign system, Align Technology has continuously worked to innovate and improve Invisalign products to deliver the outcomes patients want and doctors expect.

This fall, Align introduced Invisalign G3, the most significant collection of new features and innovations in the company’s history.

Invisalign G3 is engineered to deliver even better clinical results, with new aligner and software features that make it easier to use Invisalign, including SmartForce features designed for increased predictability of certain tooth movements, simpler, more intuitive software to streamline treatment planning and review, and new aligner and software features that make it easier to use Invisalign with Class II and Class III patients.

Invisalign G3 builds on a new and improved feature set introduced in the Invisalign product line in 2009. “The innovations in Invisalign G3 really got us at the heart of what doctors have been asking for from Invisalign treatment,” said Sheila Tan, Align vice president, marketing and chief marketing officer.

“With technology and tools that are designed to expand the clinical scope of Invisalign, deliver greater predictability across most clinical situations and make treatment planning more efficient, Invisalign G3 represents a tremendous leap forward in Invisalign innovation and demonstrated how we leverage our technology to deliver the clinical outcomes doctors expect.”

SmartForce features designed for greater predictability of tooth movements

SmartForce features are attachments and aligner features engineered to deliver the forces needed to achieve predictable tooth movements.

Based on biomechanical principles, SmartForce features are customized to each tooth using advanced virtual modeling and are positioned precisely to deliver the proper forces.

New SmartForce features include an optimized rotation attachment for bicuspids (previously available only for cuspid) and a New Power Ridges feature for lower anterior (previously available for the upper arch) and a Lingual Power Ridges feature for upper anterior.

A new variation of the optimized rotation attachment is also being introduced to address clinical situations where placement of the attachment may have previously been difficult.

ClinCheck 3.0 and the Invisalign Doctor Site

Invisalign G3 also streamlines the overall treatment planning process with a significant evolution of the ClinCheck software, making it easier and more intuitive for clinicians to create and modify Invisalign treatment plans.

Additionally, a significant redesign of the Invisalign Doctor Site (formerly Virtual Invisalign Practice or “VIP”) makes it simpler and more intuitive for dentists to access Invisalign patient records, review and approve ClinCheck treatment plans, view patient account status, order treatment supplies and more.

Features that make it easier to use Invisalign to treat Class II and Class III patients

The treatment of Class II/III malocclusion often require the use of interarch elastics to provide anchorage control. The new precision cuts make it easier to use Invisalign to treat Class II and Class III patients as these clinician-prescribed pre-cuts in the aligners accommodate the use of elastics on cuspid, bicuspids and molars.

The improvements and innovation in Invisalign G3 also include new clinical preferences, improved staging for interproximal reduction (IPR) and the addition of compliance indicators to Invisalign Assist.

These features are available now at no additional cost to Invisalign-trained dentists in North America, with international availability in 2011.

The Invisalign treatment options are designed to help dental professional achieve the clinical results they expect, utilizing leading-edge technology. Today, with more than 1.3 million patients treated, the Invisalign system enjoys broad acceptance as an effective, in-demand treatment option.

Treatment is flexible and can be used to treat a wide range of clinical situation. It’s an ideal solution for the majority of adults and teenagers — and patient love it. In fact, according to Align Technology, nine out of 10 patients would recommend Invisalign to their friends and family.

NYU residents to take a look at ANEW

The distinctive benefit of this implant system over others is that it fits where others cannot, advancing the field of implantology with unique solutions for situations that do not permit placement of the 3 mm or larger conventional implants.

With FDA approval and documented long-term success, narrow-body implants have become a viable and predictable treatment option, making it possible for a much larger segment of patients to have affordable remedies.

ANEW Narrow Body Implants are ideal for:

- Limited spaces, narrow ridges, converging roots
- Single teeth, congenitally missing laterals
- Provisionalization during augmentation and sinus lift
- Age, health and financial constraints

(*Available in 1.8, 2.2 and 2.4 mm diameters and 7, 10 and 14 mm thread lengths.)

Here at GNYDM

Stop by booth No. 2401 and learn about the ANEW Narrow Body Implant System from Dentatus and be sure to ask about the show specials.
By John C. Comisi, DDS, FAGD, FACD, FICD

There are many things of beauty in this world: the Grand Canyon, Glacier Park in Alaska, the Greek Islands. But in the world of dentistry, beauty is sometimes a difficult thing to attain. There are many “cosmetic” restorative materials available, many of which are basically the same — some type of highly filled resin matrix that is resistant to wear and polishes well.

Shofu has developed a unique product called Beautifil II. It is a giomer. A giomer is a resin-based composite that contains pre-reacted glass ionomer (PRG) particles. These particles are made of fluorosilicate glass that has been reacted with polyacrylic acid prior to being incorporated into the resin.

There are two types of pre-reacted glass that can be used in composites. The first involves only the surface of the glass particles, called surface pre-reacted glass ionomers or S-PRG. The second type is when almost the entire particle is pre-reacted, called fully pre-reacted glass ionomer or F-PRG. Shofu’s Beautifil II contains S-PRG. Why is this important? The S-PRG particles form a film-like surface, which appears to inhibit plaque formation. This is a very important property, because if plaque can be inhibited, the surface of the restoration and the surrounding margin could be less susceptible to new acid attack by the bacteria of the mouth.

Additionally, Beautifil II releases and recharges fluoride in a way similar to a true glass ionomer. This benefit has been well documented in the literature for decades, and the advent and use of a giomer can potentially enhance the benefit of this glass ionomer property in a product that is durable and highly polishable.

Beautifil II is easy to handle and has a finish that is comparable to a microfill composite. Beautifil II is a universal restorative material that is radio opaque and comes in 12 shades, including two opaque shades and an incisal and bleach white shade. The product is available in syringe form, which has a unique one-hand flip top for easy dispensing by your assistant, and it also comes in compules.

Stop by the Shofu booth here at the GNYDM to evaluate Beautifil II. I’m sure you’ll find it to be a beautiful experience.

Find the beauty in dentistry

Here at the GNYDM
For more information on the Beautifil II and other Shofu products, stop by booth No. 4025.

About the author
Dr. Comisi has been in private practice for general dentistry in Ithaca, N.Y., since 1983. He is a graduate of Northwestern University Dental School and received his bachelor of science in biology at Fordham University. He is a member of the Academy of General Dentistry, the American Dental Association, the New York State Dental Association and the Sixth District Dental Society. Comisi is a past president of the New York State Academy of General Dentistry, a fellow of the Academy of General Dentistry, a fellow in the Academy of Dentistry International, a fellow of the Pierre Fauchard Academy and a past president of the Tompkins County Dental Society.
DEXIS ‘morphing video’ shines spotlight on digital imaging

Each year at the Greater New York Dental Meeting, the spotlight shines on fresh ideas and state-of-the-art concepts. This year is no exception, with what is sure to be some exciting and enlightening experiences that can improve all facets of the dental practice.

Each year, exhibitors display their products in creative and eye-catching ways – and this year technology is bound to play a greater role in the presentations than ever before.

In the spirit of the meeting, DEXIS has combined art and science for its booth presentation. Its “morphing video” is a great way to reach out to the GNYDM audience and spread the news of latest digital X-ray innovations, according to company representatives. Starring the DEXIS Platinum sensor, the video will strive to inspire and inform dentists about the all of the benefits of this single-sensor solution.

After seeing the video, which some have dubbed, “Black, White and 16,000 Shades of Gray,” attendees should understand how Platinum can quickly become a celebrity of the practice.

Viewers will get glimpses of Platinum on the move, with cameo appearances by a morphing cast that demonstrates how the sensor is a perfect fit for patients and offices – regardless of their size.

The video also whisks viewers behind the scenes of X-ray capture with Platinum as a digital tour guide for a “CSI” view.

After catching the DEXIS Platinum presentation, at what has affectionately become known as the “Christine and Pam Show,” knowledgeable representatives will be happy to offer even more details on DEXIS digital radiography.

Whether you are interested in a sensor that delivers clear, enlargeable images, the convenience of the direct USB “plug-n-ray” connection or technology that eliminates the need for multiple sensors, Platinum offers all of that and more.

After seeing these and other multi-media presentations, DEXIS believes attendees will undoubtedly want to join the cast of thousands of dentists who have made Platinum an integral part of their digital X-ray experience.

After all, in digital radiography, according to DEXIS, the DEXIS Platinum steals the show for clarity, comfort and efficiency.

Here at the GNYDM
Stop by booth No. 4007 to tune into DEXIS.

You don’t want to miss the ‘morphing video’ at the DEXIS booth. (Photo/Fred Michmershuizen, DT Online Editor)
SUCCESS IS EASY
Press Here

UNDERSTAND HOW TO DEVELOP THE IDEAL RESTORATIVE PRACTICE

Advanced Functional Restorative Dentistry
The Power of Physiologic Based Occlusion

CORE I is an exciting three-day, hands-on course that shows you how to evaluate which cases to treat and how to gain treatment acceptance from your patients using advanced restorative dentistry. This program will increase the level of comprehensive care and enhance the lives of your patients, excite your team and increase the fun and passion you have at work!

“LVI has given me a new driving force in my career. It has recharged my enthusiasm for dentistry and made me realize that my career was not a mistake.”
— Dr. Charles Shin

“On a scale of one to ten, LVI is a twenty. I feel like my head and my heart have finally found a home, this is something I can believe in.”
— Dr. Atty Smith

“Not only did I learn what I didn’t know about dentistry. I learned how to help my own history of pain in the head and neck. Thanks for the missing link!”
— Dr. Paul Bell

Call LVI at 888.584.3237 to Register Today and Receive a $500 Tuition Reduction When You Mention Code GNYDM2010

Visit www.lviglobal.com For a Complete Course Description

ADA CERP
LVI Global is an ADA CERP Recognized Provider. ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry.

LVI Global

Interest Free Financing Available, Please call for more information.
When I launched the Picasso soft-tissue laser, it was much like a sonic boom. A small fighter jet is just a dot in the sky, but at supersonic speeds produces percussion waves that can be heard and felt miles away. Breaking the price barrier on lasers and making the technology affordable for all has always been my goal — Picasso was, and still is the sonic boom heard around the world.

Just a short time ago, manufacturers were selling their soft-tissue lasers for more than twice the amount they do today — no change in their technology, just inflated pricing. With the introduction of Picasso, we forced the industry to change, and their products dropped in price — a benefit to all.

I am the first (and probably only) laser manufacturer you will hear say: “All of the lasers are good lasers; buy any one of them and you will have technology that can transform your practice.”

AMD LASERS is a company based around this philosophy. We simply speak well of and compliment our competitors.

We practice this philosophy every day at AMD LASERS, and it has established us as the leader, the “professional” guys, the educators in laser technology.

Our company and products often get “bashed” by the competition, and when we are asked to respond, we have only one response: “Doctor, we only sell on the merits of our device, not on what our competitors say about us. Purchase any laser and you will be happy.”

A simple concept that has made the Picasso the No. 1 selling laser in the world. Simple concept, remarkable return.

Mark Twain said, “Build a better mousetrap, and the world will beat a path to your door.” I believe this mousetrap is not just our Picasso laser, but it is the way we conduct business.

Picasso shattered the $5,000 barrier in ’09, and Picasso Lite shattered the $2,500 price barrier earlier this year.

We now ship Picasso/Picasso Lites to more than 60 countries, and everyone has given us the same response: “Thank you!”

We have won every major award...
Possible for our laser technology, and the “who’s who” in dentistry around the world are Picasso owners. We donate Picassos to universities to further education about laser technology and support our products with the world’s first and only app for iPad™ owners. We are giving iPads free with the app with the purchase of a Picasso here at the booth.

Laser technology celebrated its 50th year anniversary this year. It is used around us every day and is the standard of care. No one would dream of having scalpel surgery instead of LASIK™ for example.

“So, how am I going to use a laser, and how should I decide which laser to purchase?”

There are three major areas of laser use in dentistry — surgery, cavity preparation and biostimulation — and two minor uses — decontamination and laser whitening. The most widely purchased lasers are the soft-tissue diode lasers. These are capable of surgery, decontamination, laser whitening and biostimulation. They are not capable of cavity preparations or osseous surgery.

There are many units on the market in different sizes and shapes and with different bells and whistles and price points. Determine what your needs are.

If you need entry level and great price, then a Picasso Lite at $2,495 is a good place to start. If size is important, then the Micro-NV from Discus/Zap is a great product. If you are looking for a “do it all” soft-tissue laser, then check out the Picasso or Biolase EZLASE™; they are built well and can take you from entry level to expert laser aficionado in no time at all.

If you are looking for a laser that can also perform cavity preparations and do soft-tissue surgery, then there are two good units on the market. Fotona is introducing a smaller, less expensive model at the show called Lightwalker, and Biolase sells a good product called the Waterlase MD.

We are showing our new All Tissue Laser at a private event, but it is not for sale yet in the United States and is pending FDA review.

If you do not have a laser yet, then no worries: you are still on the front of the wave. A laser should be the one purchase you make here at the show.

Stop by the AMD LASERS laser pavilion, and we will try to provide a solution and a laser to fit your needs (even if it is not one of ours).

Directa offers solutions for Class II cavity preparations

- Placing a matrix band to attain a good contact point and avoiding interproximal overhang after excavation for Class II fillings has always been a time-consuming and laborious procedure.

Directa has created a unique and easy solution for this procedure by combining a separating plastic wedge with a stainless steel matrix. The FenderMate is available in regular and narrow width and for left or right application and is color-coded for better identification.

According to the Swedish company, the combined matrix and wedge are inserted as one piece. A new technology contours and compliments the curvature of the patient’s tooth and holds its shape without having to use a retentive ring that inhibits access to a cavity.

The contact point is created by the dual curvature of FenderMate so that further burnishing will not be necessary.

With the combination of FenderMate and FenderWedge, Directa also offers a tissue-friendly approach for the preparation and filling of Class II cavities.

Finally, a denture liner that will perform ... and last long-term!

Available NOW!

Definitive Resilient Denture Liner

NOVUS™ Now Available!

Call your preferred dental laboratory, distributor or Lang Dental directly to learn how to get started with the definitive liner to improve denture wearers comfort and function ... improving their lives, and the care they receive from their dental professional.


For more information, visit us at our GNYDM booth #804 or to order NOVUS™— call Lang Dental at 847-215-6622

Visit our website for additional product information www.langdental.com
There are major differences that should be considered between the traditional PDL injection, delivered with the dental syringe, the Ligmaject or the Peri-press, and the STA (single tooth anesthesia) administered intraligamentary injection (STA-II); some of them are as follows:

- The PDL is usually the injection of last resort when the mandibular block fails. The STA-II should be the primary injection for any maxillary or mandibular tooth and can replace mandibular blocks and supraperiosteal infiltrations, which cause collateral numbness to the patient’s lip, face and tongue.
- With the PDL, a small amount of anesthetic is injected under excessive pressure, which produces a short duration of anesthesia. The STA-II delivers a larger volume of anesthetic under minimal pressure resulting in longer duration (40 minutes).
- The PDL is difficult to administer and the flow rate depends on manual pressure. The STA-II is easy to administer, and the flow rate is computer-controlled, consistent and below the patient’s pain threshold.
- The PDL is painful on delivery, results in tissue damage and bone resorption, and can cause postoperative discomfort. The STA-II is a comfortable injection, and a clinical study shows it causes no tissue damage or bone resorption and little or no post-op discomfort.

The STA system, top, and the hand wand. (Photos/Provided by Milestone Scientific)
DTSC NEW COURSES – GNYDM ‘09
RECORDED AT THE LIVE DENTISTRY ARENA

COME SEE 16 LIVE DEMONSTRATION AT THE 2010 GREATER NEW YORK DENTAL MEETING ON NOVEMBER 26 - DECEMBER 1, 2010
REGISTRATION FEE FOR EACH COURSE IS $95

FRANK J. MILNAR, D.D.S.
A DIASTE MA CLOSURE – LIVE PATIENT DEMONSTRATION TO INSURE MAXIMUM ESTHETIC RESULTS
This live patient procedure is designed to provide you with information and tips that will help you quickly select products and develop the techniques required to restore a diastema that esthetically meets today’s patient’s demand.

DR. GARY BEY
GET TO THE APEX MORE SAFELY AND EASILY – LIVE PATIENT PROCEDURE
This live demonstration is designed for the practitioner who is seeking new ways to practice endodontics safely, predictably and more frequently.

LARRY ROSENTHAL, D.D.S.
& MICHAEL APA, D.D.S.
IN-OFFICE CAD/CAM – A LIVE PATIENT DEMONSTRATION
A live patient step-by-step demonstration of a posterior onlay restoration is performed using the latest chairside CAD/CAM technology.

BRUCE J. LISH, D.D.S.
MINI DENTAL IMPLANTS TO RETAIN LOWER DENTURES – LIVE PATIENT PROCEDURE
The use of mini dental implants to help retain and stabilize a complete lower denture has helped improve the quality of life for many patients.

JACK RINGER, D.D.S.
DESIGNING AND CREATING BEAUTIFUL PORCELAIN LAMINATES PREDICTABLY – LIVE PATIENT DEMONSTRATION
This live patient program is designed to demonstrate the most predictable, efficient and successful protocol available today in creating porcelain laminates from initial consultation with the patient to completion.

JAIMEE MORGAN, D.D.S.
& STAN PRESLEY, D.D.S.
THE BEAUTIFUL SIMPLICITY OF COMPOSITE RESIN BONDING: A LIVE DEMONSTRATION
Composite resin restorations offer a conservative and viable alternative to porcelain. Restorations that were once thought to be impossible or “heroic” at best, can now be achieved easily, reliably, and consistently with composite resin.

MICHAEL H. MORGAN, D.D.S., M.S.
REAL-TIME COMPUTER NAVIGATION TO OPTIMIZE IMPLANT PLACEMENT USING THE IGI – IMAGE GUIDED IMPLANT DENTISTRY SYSTEM – LIVE PATIENT DEMONSTRATION
Live demonstration utilizing the state of the art IGI – Image Guided Implant Dentistry System by Image Navigation Ltd. for the planning and placement of dental implants is shown.

FRANK J. MILNAR, D.D.S.
PREDICTABLE TECHNIQUES TO CREATE A POST AND CORE AND LIFE-LIKE PROVISIONAL- LIVE PATIENT DEMONSTRATION
This live patient demonstration teaches the attendees how to create esthetic transitional restorations and use minimally invasive concepts when preparing and restoring a post and core.

ADA CERP | Continuing Education Recognition Program
DENTAL TRIBUNE AMERICA LLC IS AN ADA CERP RECOGNIZED PROVIDER.
ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry. Dental Tribune America LLC designates this activity for 130 continuing education credits.
EZ Solutions offer do-it-yourself repair options

Every day dentists find themselves struggling with the challenges of taking final impressions and cementing crowns. As hydrophilic as impression materials have become, we continue to see voids, pulls and tears in our impressions.

We know that impressions can distort, leading to inaccurate models and poorly fitting crowns. We also find ourselves attempting to critically evaluate our preparations by looking at margins and surfaces in our small impressions.

Digital impressions replace the need for traditional PVS impressions. Using a laser or LED light source, a series of individual images or video stream are used to capture all of the details of the prepared tooth and surrounding tooth structure with extreme accuracy. These images are then used to create a three-dimensional model that can be enlarged and reviewed on a 20- to 26-inch screen. This image can then be used to fabricate a restoration in the dental clinic or in a laboratory.

Digital Impressions improve the quality of our dentistry by:

- creating models and restorations with greater accuracy,
- fabricating restorations needing fewer adjustments,
- eliminating the need for remakes because of poor fit, and
- improving the quality of our preparations by allowing us to visualize margins and surfaces at a much larger scale.

In-office CAD/CAM technology begins with a digital impression and then allows the operator to design the restoration on the computer and mills the restoration in the office. This technology provides the ability to fabricate and deliver a restoration in the same appointment, the same day or within a few days.

A traditional impression can also be scanned, designed and milled, if intraoral scanning is a significant obstacle. These systems also offer the option of sending the digital impression to the laboratory for fabrication of the final restoration.

EZ Install Turbines

These turbines, featuring a one-year warranty and rebuild kits with a six-month warranty, are manufactured with premium ceramic bearings for reduced wear, increased durability, longer life and quieter and smoother operation.

EZ Care Cleaner and Lubricant

EZ Care™ Cleaner was formulated to flush debris and remove build-up from the handpiece’s internal rotating parts, improving long-term handpiece performance and sterilization efficacy. EZ Care Lubricant has been designed to minimize bearing wear and resist corrosion.

For more information, please stop by the Henry Schein booth, Nos. 1015/1023/1417/1820.

By Dr. Santine Anderson

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These turbines, featuring a one-year warranty and rebuild kits with a six-month warranty, are manufactured with premium ceramic bearings for reduced wear, increased durability, longer life and quieter and smoother operation.

Smart Cleaner

The Smart Cleaner is a one-of-a-kind maintenance tool that not only helps prevent residue build-up in handpieces and coupler waterlines, but also clears away obstructions if they occur. Simply connect the handpiece or coupler to the Smart Cleaner and activate the hand pump to clear obstructions and debris.

For more information, please stop by the Henry Schein booth, Nos. 1015/1023/1417/1820.

Here at the GNYDM

For more information or to check out the E4D for yourself, visit D4D at the Henry Schein booth, Nos. 1015/1023/1417/1820.

About the author

Santine Anderson, DDS, is a general dentist in Ann Arbor, Mich. She is a graduate of the University of Michigan School of Dentistry and Alston College, where she earned a BS in chemistry. She began her career during undergraduate school while working for The Dental Advisor. Anderson brings clinical knowledge and experience to the dental profession through lectures, editorials and clinical case reports.

Why digital impressions? Why CAD/CAM?

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E4D Dentist and CEREC AC are the two major CAD/CAM systems currently on the market. E4D Dentist uses a laser to capture a series of digital images that are then merged together to create a three-dimensional model. CEREC AC uses an LED light to capture the images from a powdered surface.

Both systems feature software that is used to create a virtual restoration with anatomy based on that of the adjacent teeth and opposing dentition.

A variety of tools are then available to modify the contours, contacts, occlusion and anatomy of the proposed restoration. The information is then sent to the in-office mill for fabrication of the restoration.

E4D Dentist features:

- Anatomically correct proposals.
- Software that is very intuitive and user-friendly.
- Excellent cart design with stable casters, handles for easy maneuvering and slim wand for capturing images.
- No need for powdering teeth.
- Easy scanning in the mouth, from an impression or from a model.
- Large sturdy mill and three bur size options enable sharp margins and detailed anatomy.
- Ability to design multiple restorations at once on the same screen.
- Exceptional training provided at the manufacturing facility and included with the purchase of the system.
- Remote access from hardware, software and dental technicians for immediate support.

Today more than ever, our patients are involved in their own health care, shopping and evaluating what providers have to offer that stand apart from others. Digital impressioning and CAD/CAM technology offer a tremendous opportunity to enhance a practice as it:

- Offers the convenience of same-day restorations.
- Reduces the chair time at cementation.
- Improves the quality of our dentistry by:
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Isolite dental isolation technology garners more industry recognition

Isolite Systems, maker of innovative dental isolation technology, announced its products have received new industry recognition. Dentistry Today magazine recognized the Isolite dryfield illuminator as one of the Top 100 Products for 2010 for the dental industry.

The Isolite dryfield illuminator is an innovative dental tool that combines the functions of light, suction and retraction into a single device, solving many of the frustrations that dental professionals deal with on a daily basis.

The device gently holds the patient’s mouth open, keeps the tongue out of the working field and guards the patient’s vulnerable airway, all while continuously evacuating saliva and excess moisture.

The super-soft mouthpiece used with the device makes for a more comfortable experience for the patient and allows dental professionals to work more efficiently with greater control over the oral environment.

Additionally, the company said its IsodryTi, a non-illuminated dental isolation system, was named to Dentistry Today magazine’s Top 50 Technology Products for 2010. IsodryTi performs all the functions as Isolite, with the exception of intra-oral illumination.

Both dental isolation systems utilize the patented Isolite Isoflex mouthpiece. The unique shape and softness of the mouthpiece is key to the systems’ advanced dental isolation. The latex-free mouthpiece comfortably allows fluids and debris to be aspirated from deep within the oral cavity.

Built-in tongue, cheek and throat shield protect the patient from injury and provide an added measure of assurance that the airway is better protected from possible dental debris. Single-use Isolite mouthpieces are available in five sizes to fit the spectrum of patients from small child to large adult.

Other recognition received by Isolite Systems for its Isolite dryfield illuminator includes:

- DrBicuspid.com “Dental Excellence Award – Best New Instrument” (2009)
- Named a “Best Product 2008” by Dental Product Shopper magazine; received a 4.8 rating (out of a possible 5.0) by reviewing dentists

For more information about Isolite Systems, call (800) 560-6066 or visit www.isolitesystems.com. Both Isolite and IsodryTi are being exhibited at booth No. 323.
A-TRAUMATIC EXTRACTION INSTRUMENTS

Come see the large selection of A-Traumatic extraction instruments from Zoll-Dental in booth No. 5302. Zoll-Dental has a wide selection of periosteal, luxating-type elevators and the new Zator® and Zator®-ZP line of instruments. The Zator and Zator-ZP instruments are titanium nitrite-coated for a slicker surface than standard instruments. This slick surface (adapted from the line of non-stick composite instruments, which will also be on display) minimizes resistance to the instrument when it is inserted into the tooth socket when attempting to cut the periodontal ligament. Using this technique allows for a more a-traumatic extraction of the tooth, leaving a more pristine site (extremely useful when one wishes to place implants).

Also in the Zoll Dental booth will be a line of high-quality, all stainless steel scalers and curettes in the Featherweight® handle series. The Featherweight hollow stainless steel handles combine the highest degree of tactile sensitivity with the durability of stainless steel.

With all the patterns you have come to expect in a full hygiene line and the pricing of buying direct from a U.S. manufacturer, it is hard to beat this price and quality combination. Zoll-Dental also has a full re-tipping and re-sharpening service.

One other item is the single-ended crown splitter. This instrument simplifies the removal of permanent crowns. Just slit the crown with a burr and use the instrument to spread the crown. This instrument can be used from several angles thus taking the place of several instruments.

Zoll-Dental is based in Niles, Ill. and manufactures in its plant there. Come to booth No. 5302 or contact the company at (800) 239-2904 or online at www.zolldental.com.

DOE DENTAL ORAL EXAM SYSTEM

DenLight is launching DOE,™ a rechargeable battery-powered cordless dental oral health examination system. Based on the five-star, award-winning FUSION™ Curing Light and Nano™ Loupe Light LED optics platform, DOE is designed for visualization of oral lesions, composite and hard-tissue abnormalities including oral cancer and dental caries using advanced imaging technology.

Priced for lower than $2,000, DOE consists of a wand with interchangeable light (white and violet) heads that illuminate high-power collimated LED beam, fluorescence filters, flip-up loupes, charging stand and power adapter.

DenLight has been innovating advanced dental LED optics technology for many years, and according to the company, the DOE system proves that “from bright minds come bright products.”

Visit DenLight at booth No. 2629 or call (800) 763-6901 for free goods.

Starting now, being “off the wall” is a good thing.

With its cordless handheld design, the NOMAD Pro offers the highest level of safety, quality, and patient care for your dental practice. Providing hundreds of images from one battery charge, it goes easily from operatory to operatory, in or out of the office. Anytime. Anyplace. And off the wall.

Call your equipment dealer for more information or to arrange for a demo.

Handheld X-ray System

GNYDM Booth # 337
SAVE UP TO $48,000* with Section 179 Federal Tax Incentive

It’s About Time...

FOR PROFITABILITY
FOR DOCTOR CONTROL
FOR PATIENT CONVENIENCE
FOR THE LATEST TECHNOLOGY
FOR REAL-TIME SUPPORT
FOR IN-OFFICE MILLING
FOR POWDERLESS SCANNING
FOR TAX SAVINGS
FOR CREATIVITY
FOR SIMULTANEOUS DESIGNS
FOR RUBBER TOOTH
FOR RAPID SCAN

Exclusively distributed by
HENRY SCHEIN DENTAL

*Henry Schein and D4D Technologies do not provide tax advice. Please consult your own financial advisors regarding Section 179 tax incentives.

Come visit us at GNY booth #1417
Plak Smacker announces the release of its new adult brush, the Plus2 Toothbrush. This unique brush comes with a changeable head that can be removed and replaced when it is time for a new brush.

The Plus2 Toothbrush also includes a replacement head for added convenience; get 2 brushes for the price of one.

The Plus2 Toothbrush has a rubber grip handle that offers comfortable support and soft bristles, making it a great choice for any patient. Available in three assorted colors, the Plus2 Toothbrush starts at $0.59 per brush and is sure to be a fast favorite among patients.

For more than 20 years, Plak Smacker has been focused on introducing new, innovative products to help patients feel good about a trip to the dental office.

For more information or to place an order, call (800) 558-6684, visit www.plaksnacker.com or stop by the Plak Smacker booth, No. 5009.

BUILD-IT LIGHT CURE CORE MATERIAL

Pentron Clinical, a leader in post and core technology, is proud to introduce new Build-It® Light Cure Core Material. Build-It Light Cure Core Material is specifically designed for clinicians who favor the on-command cure afforded by light-cure-only core materials.

The light-cure-only formulation produces outstanding physical properties and is compatible with fourth- through seventh-generation bonding agents, ensuring compatibility with your preferred bonding agent.

The Build-It Light Cure addition to Pentron Clinical’s award-winning line of Build-It Core Materials cures to a depth of 10 mm with only 20 seconds of curing time per surface, without the need for time-consuming layering.

Once cured, Build-It Light Cure performs just like the original Build-It® FR™, meaning it sets to a rock-hard consistency that cuts like dentin. Non-sticky, sculptable handling that enables quick and easy adaptation to tooth structure and the post are made possible by way of a proprietary new BisGMA-free resin. To satisfy individual dispensing preferences Build-It Light Cure Core Material is available in both syringe and single-dose delivery option.

For more information, call (800) 551-0283, visit www.pentron.com or stop by the Pentron booth, No. 825.
DEFEND+PLUS STERILIZATION POUCHES

DEFEND+PLUS sterilization pouches, available from Mydent International, offer the superior design and quality construction necessary for effective infection control procedures.

Manufactured with lead-free, built-in, dual internal and external indicators, DEFEND+PLUS sterilization pouches ensure the correct sterilization temperature is reached in the autoclave chamber as well as inside the instrument compartment, eliminating the need for internal indicator strips. The durable DEFEND+PLUS pouches are constructed with triple-sealed seams and strong materials to help prevent instrument penetration and tears. Their blue-tinted, transparent film assists in detecting tears should they occur. The easy-to-use DEFEND+PLUS pouches offer effortless opening and sealing and are sturdier when wet than comparable products, according to Mydent International.

DEFEND+PLUS sterilization pouches are an ideal component of precautionary infection control as they provide effective, consistent sterilization of dental instruments. They are available in five standard sizes and come in boxes of 200.

Mydent International, home to DEFEND® infection control products, disposables and impression material systems, celebrates 25 years of offering dependable solutions for defensive health care. Headquartered in New York and partnered with a state-of-the-art distribution facility in Pennsylvania, Mydent is dedicated to providing unparalleled customer relations.

For more information on Mydent International and the DEFEND brand of products, call (800) 275-0020, e-mail sales@defend.com, visit www.defend.com or stop by the booth, No. 2009.

TPH3 MICRO MATRIX RESTORATIVE

TPH3 Micro Matrix Restorative blends nanotechnology with proprietary fillers in a clinically proven resin matrix for a composite that combines beauty and durability.

TPH3 Micro Matrix restorative provides creamy handling, long working time and sculptability. The proprietary technology allows it to absorb colors from surrounding tooth structure, producing restorations that defy detection. Color reproduction capabilities and enamel-like luster provide the ability to create life-like restorations.

For more information, call (800) 532-2855, visit www.tph3.com or stop by the DENTSPLY Caulk booth, Nos. 2603/2803.