Ways to increase your practice productivity

Part 1 of 4

By Denise Ciardello
Easy Dental Trainer and Co-Founder, Global Team Solutions consulting firm

There’s no need to stare at an empty schedule or write another check for advertising that isn’t bringing in new patients. I have written an eBook with five things you can start doing today to have the most productive and efficient practice.

Make a personal connection
Your patients need that personal connection to feel appreciated. Great customer service costs your practice nothing, yet it could benefit you a great deal.

Take a moment to interact with each patient. Smile! Create a culture where people are glad that they chose, and continue to choose, your office. Remember, patients are not an interruption; they are the reason that you are there!

Another simple way to deliver stellar customer service is to have a quick daily huddle with your team to review information for patients coming in that day. Patients will feel valued when you call them by name, know who referred them and understand what their concerns are.

Send welcome letters and thank-you notes for another nice personal touch. Don’t forget that something as simple as a notification that an appointment is scheduled (or that one needs to be scheduled) can bring a patient in. It’s often these little things that make the biggest impact.

In one study, 52 percent of people reportedly chose their dentist based on a referral from friends and 43 percent from a family member. Twenty-seven percent of all referrals came from a current or former patient (Source: Journal of Dental Education, June 1, 2012). Each patient you interact with could be your next referral source, an advocate for your practice, the one that could put you over the top for your monthly goals.

So take the time. As each member of your team makes patients feel valued in every interaction, you will reap the rewards of a happy, buzzing office.

Find these tips and more when you download my free eBook at www.easydental.com/ada.

Great practice-management software doesn’t have to be complicated! Come visit Henry Schein Practice Solutions at booth No. 4627 to discover your simple solution.

Connecting with patients is the most important thing you can do for your practice. (Photos/Provided by Henry Schein)
This truly is my hand.

The skilled hand knows.

Ti-Max Z900L

Booth #636

NSK CREATE IT
‘Using the Lightwalker laser, practitioners can now offer patients cosmetic and health improvements that reach beyond restorative and rehabilitative dentistry.’

Silence snoring with ‘NIGHTLASE’ and cutting-edge laser esthetic applications

Fotona Lightwalker dual-wavelength laser offers less invasive treatment option

By Harvey S. Shiffman, DDS

- Of the commercially available hard- and soft-tissue lasers, the Fotona Lightwalker dual laser wavelengths of Nd:YAG and Er:YAG have high efficiency and ability for almost unlimited pulse control, and the following procedures have been developed to take advantage of these attributes. Along with this increased level of performance comes significant patient comfort.

Snoring affects millions

Snoring affects millions of Americans, and of those, approximately 67 percent may have some type of significant sleep disorder. Dentists are in a great position to help screen and, in many cases, treat these problems with airway management. Helping patients improve their sleep can profoundly improve their health, their quality of life and the well-being of their loved ones.

The “Gold Standard” for the treatment of sleep-disordered breathing is the CPAP-type device. Following that, in 1981, was the introduction of Mandibular Advancement Devices (MAD).

Compliance with both of these treatment modalities shows a reduction over time with no significant side effects. However, NIGHTLASE™ snoring reduction therapy protocol is a unique approach to treatment using the Fotona Lightwalker dental laser with a proprietary protocol and handpiece.

NIGHTLASE uses the photothermal capabilities of the Lightwalker laser to convert and initiate the formation of new and more elastic collagen. The target mucosal tissues are the oropharynx, soft palate, and uvula.

The proprietary pulse characteristics create non-ablative heat generation that initiates the conversion of existing collagen to more elastic and organized forms and also initiates “neocollagenesis,” the creation of new collagen.

This process results in a visible elevation of the soft palate and uvula and tightening of the oropharyngeal tissues, resulting in an improvement in the upper airway volume.

Alternative to, or co-therapy with, appliance or CPAP device

NIGHTLASE therapy is indicated for cases when the patient has been diagnosed with chronic snoring, UARS or mild to moderate sleep apnea and either cannot or chooses not to wear an appliance or CPAP device.

It can also be used in co-therapy with those devices and represents a less-invasive alternative to current surgical, chemical or radiosurgical options that may require hospitalization, general anesthesia or soft-tissue mutilation.

NIGHTLASE has an extremely high success rate in producing a positive change in sleep patterns. Research has shown that it can reduce and attenuate snoring and provides an effective non-invasive modality to lessen the effects of obstructive sleep apnea.

Not permanent but easy touch up

NIGHTLASE therapy is not a permanent alteration. It lasts anywhere from six to 12 months; however, according to the company, it can be easily touched up at follow-up appointments. NIGHTLASE is biologically different than other laser protocols that have been previously used.

The focus with traditional protocols was to induce fibrosis and limit tissue mobility, whereas NIGHTLASE is focused on reducing the collapsibility of the upper airway and maintaining natural tissue mobility.

Cosmetic procedure: Intraoral facial rejuvenation

SMOOTHLASE is another thermally mediated therapy using the Lightwalker laser. It was developed to be used intraorally for facial rejuvenation.

Depending on the depth of the vestibule, practitioners are able to treat wrinkles, lines and sagging from the infraorbital area to the angle of the mandible. This includes peri-oral vertical lip lines and the “disappearing lips” often seen in mature adults.

SMOOTHLASE uses a high-tech proprietary handpiece that enables virtually painless therapy requiring no injections or anesthetics. The procedure shows immediate results that continue to improve over the course of treatment and beyond.

Compared with chemical and surgical alternatives, SMOOTHLASE is an all-natural therapy, with no requirements for injecting toxins or artificial fillers.

Using the Lightwalker laser, practitioners can now offer patients cosmetic and health improvements that reach beyond restorative and rehabilitative dentistry.
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Don’t get tied down by your battery pack, find independence with Spark®, the completely cordless headlight. Twenty percent lighter than Designs For Vision® LED DayLite® WireLess headlight, the Spark features an innovative design that dispenses weight evenly across the frame minimizing concentrated facial pressure. A uniform round spot helps reduce shadows in the oral cavity while enhancing the overall visibility for the clinician.

JOIN THE MOVEMENT AND FREE YOUR LOUPE TODAY.
EyeSpecial C-II: Designed exclusively for dentistry

By Shofu Dental Staff

A 2015 recipient of the prestigious 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.

The camera features eight preset dental shooting modes, each designed to address a specific dental photography 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 in typical smartphones and SLRs, 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.

To learn more about Shofu’s smart digital camera designed exclusively for dentistry, stop by the booth, No. 4408, visit www.shofu.com or call (800) 827-4638.

Profin IPR tips overcome obstacles in interproximal reduction techniques

Unlike rotary instruments, the safe-sided tips will not affect adjacent surfaces

By Dentatus Staff

The Dentatus Profin Directional System is a safe, reciprocating handpiece essential to any discipline in dentistry, now more than ever in orthodontics, according to the company.

Profin IPR overcomes obstacles that exist with traditional interproximal reduction techniques because often there is potential for reduction to be over- or under-performed. Profin IPR diminishes the risk of excessive stripping, the company asserts, ensuring more conservative removal of enamel in prescribed amounts. It also eliminates damage to gingival tissue.

More durable orthodontic treatment

With Profin IPR, dentists can correct disproportionate tooth sizes, eliminate crowding, preserve enamel and increase the durability of orthodontic treatment. Unlike rotary instruments that may scratch enamel or damage underlying tissues, Profin tips are safe-sided and will not affect adjacent surfaces. They are gauged to prescribed amounts of reduction in five sizes, from 0.25 to 0.5 mm.

According to the company, Profin is an extraordinary system for professionally shaping and finishing embrasures, contacts, overhangs and incisal edges. Companion Lamineer Tips are autoclavable, designed for multiuse and available in 30 shapes, sizes and grits.

To learn more, you can visit Dentatus in booth No. 1714 in the exhibit hall at the Greater New York Dental Meeting.

You also can contact Dentatus at (800) 323-3136 or visit the company online at www.dentatusUSA.com.
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SharperPractice: The Bat Cave of dentistry

By SharperPractice Staff

SharperPractice specializes in distributing innovative products from around the globe that are “Best in Class.” For more than 20 years, the company has been in the business of providing the most advanced intraoral camera solutions in the industry — as well as innovations that increase efficiency for the dental office.

Some dentists who have visited the SharperPractice booth in a dental meeting exhibit hall refer to it as the “Bat Cave” because they are amazed at the quality and innovation in the products presented.

The company’s flagship product, the DocPort i.o. intraoral camera, features a fog-free, focus-free design for ease of use and crystal-clear imaging. Image acquisition is hassle-free via the easy-touch capture button located on the camera wand or with the optional USB footswitch.

Direct connection to USB ports using a standard, inexpensive USB cable eliminates potentially costly cable repairs, and the camera is supplied with a remote automatic on/off handpiece holder.

Designed to integrate directly with any dental software platform in both PC and Macintosh environments, DocPort i.o. is an easy choice for quality dental imaging.

New from Carl Zeiss —

As many as 75 percent of adult patients experience some degree of anxiety when visiting the dentist. Tackling patient anxiety is not always a simple solution for a dental practice. One of the most effective and natural ways of putting them at ease is through distraction, which can take the mind’s attention away from the sights and sounds of the dental office to a more calm and peaceful place.

Thanks to the Cinemizer OLED from Carl Zeiss, your patients can experience high-quality 2-D or 3-D videos during almost any procedure in a comfortable, convenient and immersive environment. This will help them relax and forget where they are, decreasing anxiety and stress and improving their overall experience in your office.

SockIt! is the first and only wound dressing specifically designed for oral use. It’s as simple as performing the procedure as you normally would, then applying SockIt! chairside and sending the remainder home with the patient. You can use it after any procedure, and it does not replace anything else in your office. Stop by the SharperPractice booth to sign up for a free product evaluation.

FlashMax P3, one of the most powerful curing lights in the world, has a wide-spectrum output of more than 5,800 mw/cm² and cures 3 mm layers of most materials in only two seconds. Manufactured in Denmark, the FlashMax P3 features a unique ergonomic design with simple identical bilateral controls in a cordless form factor. Replaceable smart-charge battery technology allows the light to charge throughout the day on its 360-degree base and activates 200 cures on a single charge. It contains nearly three times the power of plasma arc lights at a fraction of the cost.

The EverClear mirror is a must for every dental office. This is the mirror you never have to wipe. Gone are the days of constantly wiping handpiece spray and debris from a dental mirror. Gone are worries about the assistant’s air spray keeping the mirror clean. No longer will dentists twist their backs and necks to get a direct view of the tooth, when a spray-covered mirror stops serving its purpose.

Only the best-in-class products and services become SharperPractice offerings, according to the company. For more information, you can visit www.sharperpractice.com or stop by the booth, No. 927, here at the GNYDM.

The EverClear mirror is a must for every dental office. This is the mirror you never have to wipe. Gone are the days of constantly wiping handpiece spray and debris from a dental mirror. Gone are worries about the assistant’s air spray keeping the mirror clean. No longer will dentists twist their backs and necks to get a direct view of the tooth, when a spray-covered mirror stops serving its purpose.

The Cinemizer OLED virtual reality video glasses from Carl Zeiss. (Photos/Provided by SharperPractice)
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Greater New York Dental Meeting — Booth #2910

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- Waterproof, detachable foot switch
- LED light that illuminates surgical area
- All tips are interchangeable with ENAC OE-W10 unit, however ENAC OE-F15 unit with extended power provides highly efficient results with surgical tips in bone cutting

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OSADA INC. | www.OSADAUSA.com | Tel. 800-426-7232 & 310-841-2220 | Fax: 310-841-2221
Win-win strategies for optimal gently dentistry

By Kathy Bassett, BSDH, RDH, Med, and Art DiMarco, DMD

When patients are looking to establish a dental home, what factors lead them to you and keep them with you? What prepares them for a great patient experience? Is your practice appreciated more for its technical expertise and esthetic excellence, its ergonomic and emotional sustainability, or for its pain-reduction strategies and sense of humor? All are important but, at the end of the day, which perceptions do you value most?

Dentistry is physically and emotionally demanding. The delivery of local anesthetics impacts both patients and clinicians as we strive to minimize discomfort.

To deliver optimal dentistry in a gentle, pain-free manner, the value of treatment strategies must be considered from all perspectives, including the patient’s and the clinician’s. Seasoned clinicians have preferred distraction strategies when it comes to administering local anesthesia, but these strategies rely on subjective factors. Most clinicians use manual syringes, for example, and strategies involving manipulations when using manual syringes can lead to poor ergonomic positioning, possibly worsened by individual factors.

Rate, fluid pressures and adequacy of aspiration are just a few of the factors that may vary. While we benefit daily from the explosion of technical advances in devices, materials and techniques geared to deliver high-quality dentistry in a positive and comfortable manner, manual syringes can compromise not only our success but also our ergonomic well-being.

When considering technology that can enhance patient and clinician well-being, the Wand STA All-Injection System (sold exclusively through Aseptico, Inc.) is a win-win. This computer-controlled local anesthesia delivery (CCLAD) device can reduce stresses on the hand and wrist (ergonomic advantage – clinician) while providing accurate and controlled flow rates, fluid pressures and aspiration capabilities (comfort and safety advantage – patient).

In today’s busy practice environment, creating sustainable practice patterns that recognize the importance of every practice’s two most critical assets — patients and clinicians — calls for integration of new technologies into the daily routine. Technologies that enhance technical excellence in a pain-free manner while supporting ergonomic principles are good for everyone.

The Wand STA All Injection System is sold exclusively through Aseptico. (Photo/Provided by Aseptico)

‘Creating sustainable practice patterns that recognize the importance of every practice’s two most critical assets — patients and clinicians — calls for integration of new technologies into the daily routine.’

Here at the GNYDM
To learn more about the Wand STA All-Injection System, stop by the Aseptico booth, No. 3631.

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**A new generation of core build-up material**

By Kettenbach LP Staff

Visalys® Core, the new product from Kettenbach LP, represents the next generation of core build-up materials. The most recent addition to the Visalys family is a dual-curing core build-up material with unique active-connect-technology (ACT) to ensure a reliable bond with all common adhesives — without an additional activator.

The product was first unveiled at this year’s International Dental Show in Cologne, Germany.

Visalys Core is the first core build-up material from Kettenbach. The fluoride-containing, dual-curing composite was developed for the fabrication of radiopaque core build-ups and core fillings and for cementing root posts.

The product incorporates ACT, which is unique in the market. This enables the material to bond actively with all common light-curing and dual-curing, single-step and multi-step adhesives, without an additional activator. The advantage for users is that it allows them to use the bonding agent they are used to — no matter whether it is a light-curing or dual-curing, a single- or multi-bottle system.

**A firm foundation**

According to the company, Visalys Core ensures easy and reliable handling with excellent positional stability. At the same time, it exhibits good flowability and low extrusion force. The excellent compressive strength results in a stable monoblock and a secure bond.

Optional light-curing allows the procedure to be continued immediately, according to the company, and reliable self-curing provides for dependable strength even on the cavity floor and in root canals. Excellent polishing characteristics ensure precise preparation; even without light-curing, the smear layer is minimal. The product is also free of bisphenol A and its derivatives.

Visalys Core is available in dentin and white shades in a 5 ml double syringe and in a 25 ml cartridge. For detailed information about Visalys Core, visit the Kettenbach website at www.kettenbachusa.com.

**About Kettenbach LP**

Kettenbach LP (Huntington Beach, Calif.) is the exclusive U.S. distributor for Kettenbach GmbH & Co. KG (Eschenburg, Germany). Founded by August Kettenbach in 1944, Kettenbach GmbH was created for the development and marketing of medical and dental products.

Today, the company is an international producer of dental impression materials and is also known in other surgical areas of medicine. Brands include Panasil VPS Impression Material, Identium VSXE Impression Material, Futur Bite Material, Silginat Alternative Alginate, Visalys Temp Material and Visalys Veneers.

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**EASY-PRIMER FROM PARKELL**

Parkell introduces the new EaZy-Primer, which is recommended for use when cementing restorative ceramic materials including zirconia.

The priming agent is specifically formulated with an MDP monomer added to 4-META, which allows an enhanced bond to the silica-free, polycrystalline structure of zirconia. Furthermore, EaZy-Primer works well with lithium disilicate and porcelain in conjunction with adhesive resin cements.

With EaZy-Primer, you eliminate the need for the use of hydrofluoric acid and any of the risks that come with the acid, such as discomfort if it comes in contact with soft tissue. EaZy-Primer is simple to use, too, according to the company. After following the instructions for roughening the ceramic surface, all you need is one stroke.

To maximize the effectiveness of EaZy-Primer, leave it on the surface until it evaporates on its own. When it dries, you’ll notice it glistens, so unlike some other ceramic primers, you can see where you applied it.

According to Parkell, EaZy-Primer is the perfect adjunct to any resin cement, resulting in strong bonds, beautiful esthetics and ceramic restorations that last.

For more information or to order, contact Parkell at (800) 243-7446, visit www.parkell.com or visit booth No. 1009 here at the Greater New York Dental Meeting.

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**Visalys Core. (Photo/Provided by Kettenbach LP)**

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**EaZy-Primer from Parkell. (Photo/Provided by Parkell)**
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Photography and Dentistry by: Ross Nash, DDS
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Microdent looking for U.S. distributors

By Javier de Pison, today Staff

The proven quality of the Microdent Implant System is well known in Europe, where the company started 30 years ago. Now, after successfully introducing its products in Europe and all over Latin America, Microdent is looking to expand its brand in the United States.

As one of the top European implant manufacturing companies, Microdent has invested in research since 1983, collaborating with international universities, participating in scientific studies and publishing articles in research journals.

All Microdent products exceed the strictest regulatory requirements set by international health authorities. In fact, Microdent is one of the few Spanish companies whose products comply with both EC and FDA regulations.

Microdent production processes are certified and validated by the international certification body DNV-GL, proof that it meets the highest standards of quality. The company was awarded international certificate ISO 13485:2003, as well as regulatory approval from many other countries.

Lectures in New York

In addition, Microdent is a respected leader in continuing education, with ongoing educational and training programs — clinical courses, seminars, hands-on — in more than 10 different countries. These educational programs are designed to provide practitioners with the knowledge and tools they need to achieve success with their patients.

A scientific committee sets the guidelines to be followed and supervises the subjects covered in all Microdent’s courses, and a collaborating teaching faculty helps deepen the knowledge in all developments related to the dental implants industry.

Here at the Greater New York Dental Meeting, the company is sponsoring two full days of scientific lectures, on Monday (Course: 4690), and Wednesday (Course: 6630).


Microdent's continuous growth is the result of its commitment to educational and clinical training, according to the company. The company uses a new continuing education concept based on technical and scientific evidence that aims to become a model of excellence for implant professionals.

Supported by a full scientific committee and associate teaching staff, Microdent asserts it has one of the broadest portfolios of international trainers and speakers specialized in the most advanced areas of implantology.

The new goal of the company is to position itself in the United States as a reliable business partner and educational trainer and to provide implant professionals and their clients with a proven implant system that is both advanced and competitive.

For more information, please visit Microdent at GNYDM booth No. 1815, attend its on-site lectures or visit microdentsystem.com.

Here at the GNYDM

Microdent is sponsoring two days of scientific lectures, on Monday (Course: 4690), and Wednesday (Course: 6630). See the on-site guide or your GNYDM app for more information. You can also learn more at the booth, No. 1815.
Offering your patients alcohol-free products

By Jodie Heimbach, RDH, BS

- Fluoride or no fluoride, compact toothbrush or full-size toothbrush, coronal polish first or polish last — the decisions necessary in the dental practice are numerous and many times are based upon personal choice.

How and when does the dental professional decide whether to eliminate alcohol products from the practice or limit the recommendation of products that contain a high quantity of alcohol?

The debate continues as to whether alcohol may be drying of the oral tissues, but substance-abuse disorders are part of the human condition and touch as many as one in four American families.1

If you are considering a reduction in the amount of alcohol used within product recommendations, where should the dental professional begin?

One of the most common products the dental professional may recommend is chlorhexidine gluconate (CHX) as an antiseptic mouthrinse that is bactericidal and effective against some forms of yeasts and viruses. Most chlorhexidine mouthrinses contain 11.6 percent alcohol.

If one were seeking an alternative to reduce alcohol by 11.6 percent, Sunstar Americas provides the clinician with GUM Paroex®, the only FDA-approved alcohol-free 0.12 percent chlorhexidine gluconate mouthrinse.2

GUM Paroex
To keep patients healthier and reduce the risk of allergies, many dental offices are now latex-free. In a similar principal, why not create an alcohol-free practice that will benefit the oral health of your patients without the irritation of alcohol?3

The GUM Paroex Chlorhexidine was tested beside Periex® and Perigard® to evaluate the effectiveness compared with products that contain alcohol. Results showed there was no difference in effectiveness between the alcohol-free and the other. The alcohol-free chlorhexidine was as effective as one containing alcohol in controlling plaque and reducing gingival inflammation.4

GUM Paroex is ideal for immune compromised patients challenged with mucositis or patients who are receiving head and neck radiation.5

GUM Paroex also can be considered as a postoperative treatment following periodontal procedures and for a pre-procedural rinse in the office to protect patients and the dental team by reducing airborne bacteria.6

Chlorhexidine may also be used in carries control programs. Because dental caries are a bacterial infection, an antimicrobial such as chlorhexidine may be indicated to reduce caries.7

Additional concerns may be the individual who is suffering with xerostomia, ulcerative gingivitis and tissue damage; these conditions may be exacerbated by alcohol.8 Also consider treatment of the patients with alcohol dependency who may not reveal their full health history.

Using a product with 11.6 percent alcohol is not necessary when there is an alcohol-free alternative that is clinically equivalent.

Paroex is dispensed in a 16 oz. bottle that may be purchased at the dental office or by prescription from the local pharmacy. [A 4 oz. bottle was introduced in 2014.] The dental professional can feel secure in dispensing an FDA-approved alcohol-free chlorhexidine to patients for periodontal maintenance, immunosuppressed conditions, post-surgical care and pre-procedural rinsing.

GUM Rincinol
GUM Rincinol® is a mouthrinse that provides whole mouth relief. It is the first non-prescription bio-adherent mucosal coating for long lasting soft-tissue pain relief. The pain relief may occur in less than three minutes and has been reported to last for up to six hours. In addition, it does not contain alcohol or benzocaine.

The lack of alcohol and benzocaine will reduce stinging, burning sensations or any post-treatment numbing effects. GUM Rincinol will comfort patients with aphthous ulcers and denture sores and provide relief for irritation from orthodontic appliances, removable prosthetics, post-oral surgery, scaling and/or root planning procedures, mucositis, xerostomia and any other intraoral irritation.

Many dental professionals recommend the soothing rinse for use with those undergoing chemotherapy and radiation treatments. GUM Rincinol promotes healing because it contains aloe. It is safe for use in adults and children ages 6 and older and is even safe if accidentally ingested. Each application lasts up to six hours but will depend on the daily diet regimen.

The product may be purchased in a pack of individual sachets or 4 oz. bottles from the dental office. The 4 oz. bottles are available in most major drug store chains.

At the end of your day, when you must decide whether to eliminate alcohol products from your practice or limit the recommendation of products that contain a high quantity of alcohol, consider the alternatives offered by Sunstar GUM.

References
Chairside solution for digital radiography

By Todd C. Snyder, DDS
Aesthetic Dental Designs

- Digital radiography in the dental practice has significantly saved time and provided the dental professional with more accurate diagnoses because of superior image quality over argentic film. One of the digital radiography options, phosphorus plate devices, gives the dental practice the ability to go digital in a way that is similar to film but without the need for harmful chemicals or development time.

- To use a phosphor plate scanner, the dental professional shoots an individual or series of X-rays and then leaves the room to run the digital plates through the scanner, placing the images into the electronic patient profile. This does save significant time over film; however, there can still be drawbacks. It can still be time consuming, images are sometimes placed in incorrect patient files and time is spent away from the patient.

- What has been missing is a true chairside solution for phosphorus plate systems.

For this reason, ACTEON has developed the first personal scanner, the PSPIX. The PSPIX is a phosphor plate system that is three times smaller than any other scanner on the market and is ideal to place in every operatory. The dental practitioner can shoot an X-ray and run the plate through the scanner in front of the patient, generating an image in less than nine seconds. Immediate images lead to a quick diagnosis and the ability to educate the patient with a high-quality image. Workflow is improved, as is patient satisfaction and the practice’s revenue.

The PSPIX’s exclusive features provide each clinician with an efficient, affordable, compact and intuitive imaging solution. The efficiency of the device is evident in the automated process when inserting the film. The PSPIX automatically accesses the plate, detects the size, scans, optimizes the image and ejects the erased plate in a matter of seconds. Also, because of the large touchscreen controls, it takes very little time to teach the office staff how to operate the device.

With phosphor plate systems, it is obvious that a high-quality imaging plate is necessary to provide an excellent image. ACTEON provides imaging plates in a variety of sizes from a 0 for pediatric offices all of the way to a 4 for occlusal X-rays. The imaging plates are very flexible and are positioned like film, making them more comfortable for the patient. They are perfect for those who are unable to tolerate larger and more rigid digital sensors—such as patients with strong gag reflexes or smaller mouths. These plates, regardless of size, provide sharp and accurate images for a reliable diagnosis.

Like all of us in dentistry and medicine, ACTEON is concerned about infection control. For this reason, the PSPIX has removable parts that comply with the latest disinfection standards.

The areas of the PSPIX that are most likely to come in contact with contaminated hygiene bags and plates can be removed and placed in a thermal washer disinfector, which drastically reduces the risk of infection. The office also has the option to purchase autoclavable parts if the staff feels the disinfector is not enough.

To truly be easy to use, the scanner must easily integrate into an office’s existing imaging software. The PSPIX will work in most imaging software in both Windows and Mac environments. If the office does not have imaging software, ACTEON will provide that free of charge.

The PSPIX has been a welcome addition to my dental practice. It has been an investment that has paid for itself over and over again by increasing workflow and patient education. I would recommend having this device in every office.

Here at the GNYDM
Check out the PSPIX at the Acteon booth, No. 4827.

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MyRay: New products coming

MyRay Hyperion X5 is smallest pan unit ever; C-U2 intraoral camera has innovative HD sensor

By Cefla Medical Solutions Staff

- In addition to making history as the first-ever wall-mounted panoramic imaging system, the MyRay Hyperion X5 has the distinction of being the smallest pan unit ever available, according to the company, which enables it to be installed in virtually every practice.
- With an ultra-simple user interface, the X5 achieves up to 15 high-definition 2-D projections, including multilayer-panoramic, bitewing and quick-pan modes in just a few simple steps. Installation is quick, with minimal time and cost, the company asserts.
- The X5’s automatic focusing and Morphology Recognition Technology (MRT) eliminates the need to manually set exposure parameters and patient jaw size. This achieves precise positioning each and every time, while guarding against under- or over-exposure.
- The unit’s high signal-to-noise ratio clarifies clinical details, and the broad focal layer ensures quality images in every circumstance. Thanks to the iRYS image management software that’s included with every MyRay device, Hyperion X5 can share its images with all of a practice’s PCs. No other imaging option can share its images with all of a practice’s PCs. Every MyRay device, Hyperion X5 has the distinction of being the smallest pan unit ever available, according to the company. Thanks to the iRYS software platform makes storing and processing images easy and seamless, the company asserts, adding that with the C-U2 HD, the high-definition examination has definitely come of age.
- In addition to being behind MyRay, Cefla Medical Solutions is a leading source of many other dental brands, including Anthos, NewTom and Stern Weber brands now sold in North America.
- Cefla’s multifaceted organization and experienced engineering staffs are dedicated to driving the evolution of the industry and helping to lead professional changes and requirements throughout the world.

DEFEND CARBIDE AND DIAMOND BURS

- Mydent International is pleased to announce the launch of its new Carbide and Diamond Burs product line.
- Made of Austrian Carbide, DEFEND Carbide Burs feature a fast, smooth, vibration free performance, reducing patient discomfort and operative time.
- These burs exceed international standards and are 100 percent inspected by infrared technology. DEFEND Diamond Burs are manufactured with German electroplating technology.
- With minimal pressure required on turbine, these burs offer maximum precision and minimum vibration. Both Carbide and Diamond Burs are durable and long lasting.

To view DEFEND’s new bur catalog visit www.defend.com/burs or stop by the booth, No. 3709, here at the Greater New York Dental Meeting to see the burs for yourself.

LIQUID MAGIC RESIN BARRIER

- TAUB Products, a long-time manufacturer of dental consumable products, announced the release of Liquid Magic Resin Barrier for implant and cosmetic dentistry. Liquid Magic is a light-cured resin used to protect threading, screws and internal components of implants and abutments.
- Used prior to the placement of a crown, Liquid Magic works in conjunction with ZERO-G Bio-Implant Cement, resulting in better seating of the crown and easier cleanup.
- “Liquid Magic protects abutment and implant components during cemen
tation,” said Ed Matthews, vice president of sales for TAUB Products. “It is easily removed during recall to allow clean access to the screw head. New science helped us develop this product.”

To check out Liquid Magic and other TAUB products, stop by the booth, No. 2708, here at the Greater New York Dental Meeting or go to www.taubdental.com.
**A Proven Classic Goes UNIVERSAL**

**New! Brush&Bond UNIVERSAL**

Parkell® is proud to introduce the latest version of our Award-Winning bonding agent:

NEW “Brush&Bond UNIVERSAL” provides significantly higher bond strengths to enamel and dentin, along with a brand-new indication for use on dental alloys and ceramics. If that isn’t enough, we’ve included our new Ea-Zy Primer™ ceramic priming agent in the kit. Ea-Zy Primer provides high bond strengths between restorative resins and dental ceramics such as porcelain, lithium disilicate and even tough-to-adhere-to zirconia. The new Brush&Bond UNIVERSAL KIT has everything you’ll need for all of your clinical adhesive needs.

Brush&Bond UNIVERSAL displays superior physical properties when compared to other “Universal” adhesives. In fact, in a side-by-side comparison, Brush&Bond UNIVERSAL showed significantly greater adhesion to enamel, dentin, metal alloys, plus (when combined with Ea-Zy Primer) dental ceramics such as porcelain, zirconia and lithium disilicate.** *(FIG. 2)*

With an extremely low viscosity, and an almost undetectable film thickness of 3-8 microns, Brush&Bond UNIVERSAL penetrates deeply and widely into the dentinal tubules, forming a complex Hybrid Network, with long resin tags showing sophisticated lateral branching. This network of resin intermingling with tooth structure enhances the bonding agent’s ability to lock tightly into the dentinal matrix, as well as helping with the desensitization of cold-sensitive teeth. *(FIG. 1)*

Brush&Bond UNIVERSAL carries on the ease-of-use tradition begun by original Brush&Bond, keeping the same unique activator brushes. This means that if you’ve been using original Brush&Bond, there’s virtually no change in your clinical technique.

The new Brush&Bond UNIVERSAL SYSTEM comes with the Brush&Bond UNIVERSAL liquid, Activator brushes, and Ea-Zy Primer. With a wider range of clinical uses, and the same ease-of-use as before, we’re confident that you’ll find Parkell’s new Brush&Bond UNIVERSAL adhesive system to be indispensable in virtually all restorative dental situations.

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*Studies on file.

**If you’re not satisfied, call us within 45 days, we’ll have it picked up at our expense, and give you a full refund—including your original grand shipping charges (Freight shipping will not be reimbursed). Toter will only when product is purchased directly from Parkell, Inc.

**Metals & ceramics were pretested as per manufacturer’s recommendation prior to application of appropriate primes (where instructed).
Perfectly fitting restorations with Planmeca FIT

By Planmeca Staff

The open Planmeca FIT™ system for chairside CAD/CAM provides dental clinics with a completely digital workflow. It integrates intraoral scanning, 3-D designing and chairside milling into one system, allowing clinics to treat patients in a single appointment.

Planmeca FIT offers all the necessary tools for designing perfectly fitting restorations within the first patient visit.

The Planmeca FIT system is comprised of three integrated steps — precise intraoral scanning, sophisticated 3-D designing and efficient chairside milling, according to the company. The system combines all workflow phases under one software platform, enabling access to all imaging and CAD/CAM work through the same interface.

The Planmeca PlanScan® intraoral scanner can be integrated with any digital Planmeca dental unit. It can be used just like any other instrument and easily shared between different users. The scanner can be controlled from the dental unit foot control, leaving the user’s hands free for scanning and patient treatment at all times. Live scanning data can be constantly accessed from a dental unit’s tablet device, while sound guidance further ensures optimal data capture.

The Planmeca PlanCAD® Easy design software is ideal for a wide range of prosthetics planning. It provides the perfect tools for sophisticated 3-D designing at dental clinics, according to the company, ensuring the precise placement of restorations. Completed designs can either be sent to a lab in an open STL file format or manufactured on-site with the Planmeca PlanMill® 40 milling unit. Packed with refined power, the unit produces restorations from a large selection of materials, exactly according to the design.

All steps of the Planmeca FIT workflow are easily controlled and accessed through the Planmeca Romexis® software platform. Planmeca Romexis is the brains behind the Planmeca ecosystem and assures that the Planmeca FIT system always runs seamlessly. In addition, the software provides remote real-time usage information on the Planmeca Plan-Mill 40 milling unit, allowing clinics to locate resources and monitor ongoing milling processes.

Planmeca FIT is a completely streamlined and integrated approach to high-quality dental care. According to the company, it helps clinics utilize their resources to the fullest and treat more patients in a shorter period of time. Instead of two appointments, patients can be treated in one visit — without requiring temporary crowns or physical dental models.
NEW! Visalys® Core –
Secure core build-up for high stability.

Visalys® Core is a fluoride-containing, dual-curing composite, developed for the fabrication of radiopaque core build-ups and core fillings and for cementing root posts. The product incorporates Active-Connect-Technology (ACT), which is unique in the market. This enables the material to bond actively with popularly used light-curing and dual-curing, single-step and multi-step adhesives, without an additional activator. The advantage for users is that it allows them to use the bonding agent they are used to – no matter whether it is a light-curing or dual-curing, a single- or multi-bottle system. Call 877-532-2123 direct to place an order.

www.kettenbachusa.com

Come see Kettenbach at the
Greater New York Dental Meeting
• Booth #3537
By Anutra Staff

“I didn’t even know you gave me a shot,” Barb said as Dr. Kelly picked up his handpiece and went to work immediately.

For decades, the idea of getting a dental injection has terrified patients. Quite frankly, the uncertainty, unpredictability and long onset time of local anesthetic equally terrifies the practitioner.

The Anutra Local Anesthetic Delivery System redefines local anesthetic delivery, according to the company. It radically enhances patient experience and comfort while transforming a practitioner’s efficiency and predictability as well as the predictability of local anesthetic.

Buffering is an age-old science that has been used in the medical community for decades. Buffering is simply taking something acidic and mixing it with something more basic to neutralize the acid. So why does this matter in dentistry?

Lidocaine with epinephrine has a low pH, meaning it is extremely acidic. In fact, its pH is close to that of citric acid, which is found in limes and lemons. Could you imagine injecting lemon juice into someone’s mouth?

We simply would not do that.

Much of the burning and stinging sensation comes from the fact that local anesthetic is very acidic. The Anutra Local Anesthetic Delivery System makes buffering simple. By loading an Anutra Cassette at the beginning of the week, clinicians can simply buffer anesthetic for every patient by twisting the knob on the Anutra Dispenser. It could not be easier.

What adds to the amazing power of buffered anesthetic is a topical effect that is a result of a CO2 microbubble that is formed when local anesthetic is mixed with sodium bicarbonate. Many practitioners report dropping a small amount on the mucosa prior to injecting for a very powerful topical anesthetic.

Not only is patient comfort increased with buffered anesthetic, the predictability of local anesthetic will get numb the first time, even on those hard-to-numb patients.

Additionally, anywhere from 4,000 to 6,000 times the active molecules of anesthetic will cross the nerve membrane, making it more profound than normal lidocaine, as well as increasing the predictability that a patient will get numb the first time, even on those hard-to-numb patients.

Not only does the Anutra Local Anesthetic Delivery System provide a simplistic platform for you to buffer in your practice, it also introduces the first-known FDA approved, multi-dose, one-handed aspiration syringe that is fully disposable.

So what does that mean? It means you can hold up to 6 milliliters of anesthetic in one syringe. No need to reload cartridges — one syringe can hold the equivalent of at least three traditional 1.8 mL dental cartridges.

With a cost point that is affordable, a revolutionary new syringe, a simplistic dosing system and a long shelf life, the Anutra Local Anesthetic is a no-brainer for every dental practice, according to the company.

The Anutra Local Anesthetic Delivery System. (Photo/Provided by Anutra)

Here at GNYDM
To learn more about the Anutra Local Anesthetic Delivery System, stop by the booth, No. 4741.

By Flow Dental Staff

Flow Dental, exhibiting at booth No. 1110, is introducing two new products at this year’s Greater New York Dental Meeting.

The first product is a fully adjustable intraoral camera sleeve. New Perfect Fit sleeves let you create a custom-fit sleeve for virtually any size camera.

Perfect Fit’s unique design allows you to easily adjust the horizontal and vertical tension to achieve a custom-like fit. It’s quick, easy and, best of all, will save you time and money.

With the new Perfect Fit, your sleeve will stay on every time, and the area above your lens will always be wrinkle-free. Nothing fits your camera like new Perfect Fit from Flow Dental, according to the company, which also promises that Perfect fit sleeves are 30 percent less expensive than other custom-fit camera sleeves.

In addition to the Perfect Fit, Flow is also introducing new Slide’n’Stick universal sensor slippers.

Slide’n’Stick slides over your Rinn XCP* or Flow RAPiD film bite block, instantly converting it into a universal sensor bite block. Now you can continue to use your familiar film positioning system even after you go digital. Slide’n’Stick is easy to use, inexpensive and makes sensor positioning as easy as film, according to the company.

As William Winters, president of Flow Dental, said: “We understand imaging from a workflow and case-management perspective. Our goal is to enhance, yet simplify, any aspect of the process that we can by whatever degree we can. We make products that are easy to use, easy to adapt and are a benefit to both the patients and the practitioners.”

*Rinn and XCP are registered Trademarks of DENTSPLY International

Here at GNYDM
To check out both the Perfect Fit and the Slide’n’Stick for yourself, stop by the Flow Dental booth, No. 1110.

Two products to make imaging easier

Perfect Fit’s unique design allows you to easily adjust the horizontal and vertical tension to achieve a custom-like fit. It’s quick, easy and, best of all, will save you time and money.

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The Anutra Local Anesthetic Delivery System. (Photo/Provided by Anutra)
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Visit us at GNY - Booth #4034
Making digital dentistry ‘iSy’ for surgeons and their partners

Henry Schein Dental Surgical Solutions has been featuring the new iSy™ (pronounced, “easy”) implant system this fall at various dental meetings. iSy, manufactured by Camlog and exclusively distributed by Henry Schein, was first introduced into the U.S. market during last month’s American Academy of Implant Dentistry annual educational conference.

iSy, a play on the words Intelligent System, is designed to optimize implant treatment efficiency while minimizing the complexity of treatment planning, enabling practitioners to choose a digital, conventional or combined treatment workflow.

The iSy implant system is packaged with everything needed for the clinical team to place and restore an implant. The system includes the implant, a pre-mounted abutment, two multi-function caps (scan body, impression coping, temporary coping, bite registration aide), a protective cap and a final drill. iSy offers clinicians the choice and flexibility to customize implant cases.

“As more surgeons and their restorative partners are driven to deliver high-quality patient care at an affordable price, implementing digital dentistry into the practice offers an opportunity to improve efficiency and enhance patient care,” said Tony Susino, vice president and general manager of Henry Schein Dental Surgical Solutions.

“Henry Schein offers a comprehensive technology portfolio with associated training for dental implant digital dentistry. The CBCT, intraoral scanner, final lab scanner and mill can all be seamlessly connected with the innovative implant concept of iSy. Our customers will have everything they need for an entire implant case, from final drill to final abutment in one package, all supported by Henry Schein and its digital portfolio.”

iSy is optimized for a digital workflow. By partnering with leading technology manufacturers, the system can seamlessly integrate with the diagnosis and treatment plan phase (CBCT); the intraoral digital impressions; the CAD/CAM abutment delivery, and the final crown, either during the first stage surgery or at a later phase after healing. Conventional and digital treatment workflows can also be combined to provide a customized final result.
Freedom to choose!
Any angle you want; it’s your choice.

- The iStar™ is a cordless handpiece designed to make dental hygiene procedures easier, faster and less stressful
- Freedom from handpiece hoses and foot pedal
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* Not valid with any other offer. US Retail Only.

Visit DentalEZ at Booth 3409
Fixed hybrid dentures have been used to successfully restore fully edentulous patients for decades. Their durability, however, leaves room for improvement.

The BruxZir® Full-Arch Implant Prosthesis (Glidewell Laboratories, Newport Beach, Calif.) provides a restoration that is more durable in the long term, while sacrificing nothing when it comes to esthetics.

Case report
The patient is a 58-year-old male with no contraindications for implant treatment. The patient had a total of 11 BioHorizons® Internal Hex implants (BioHorizons, Birmingham, Ala.) placed, including six in the maxilla and five in the mandible (Figs. 1, 2). The implants integrated for more than six months, and the patient presented for restoration of his edentulous arches.

First, preliminary impressions of the implants were made. After removing the healing abutments, closed-tray impression copings were seated. The impressions were made in stock plastic trays, and the impression copings were placed back into the impressions before the case was sent off to the laboratory.

The laboratory poured casts from the initial impressions and fabricated bite blocks and occlusal rims for the centric jaw relationship (CJR) records. Each bite block contained two screw-retained temporary cylinders that allowed the wax rims to be screwed down, producing a very accurate CJR. The contoured rims were returned to the laboratory with the initial casts.

Upon receiving the wax rims and jaw relation records, the laboratory and dentist decided the patient required four multi-unit abutments in the anterior maxilla to ensure the screw access openings were within the confines of the planned prosthesis.

At the next appointment, the patient’s healing abutments were removed, and the multi-unit abutments were transferred to the patient’s mouth and torqued into place. Later, wax setups were tried in and evaluated for proper esthetics, phonetics, contours, occlusion and tooth arrangement.

The implant verification jig (IVJ), which precisely captures the depth and angulation of the implants in the final impression, was seated and tightened into place. After bonding the individual sections of the IVJ together, a final impression was made.

The lab produced a fixed provisional appliance using precise CAD/CAM technology. The provisional implant prosthesis afforded the patient a trial period to evaluate the proposed restoration for esthetics and function (Fig. 3).

The final restoration was fabricated using the CAD design that was confirmed during the provisional trial period. The final prostheses were delivered without complication, exhibiting excellent fit, occlusion and esthetics (Fig. 4). The patient was exceptionally pleased with the function offered by this fixed restoration, which he should be able to enjoy for a great number of years given the extraordinary durability of BruxZir Solid Zirconia.
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Dental professionals can spend copious amounts of time searching for a prophy paste that does it all. A paste considered to be ideal would be one that works well for the dentist, does its job in patients’ mouths and enables patients to leave the office with a good taste. With Gelato prophy paste by Keystone Industries, the possibilities have no limits, according to the company. The paste, which provides a smooth, splatter-free application, is 1.23 percent fluoride ion and will leave a patient’s teeth with excellent polish— and stains removed. Minimal enamel loss is met with each use.

Review: ‘Top Prophy Paste’
One of the biggest bragging rights Gelato prophy paste has earned is from The Dental Advisor. For two consecutive years (2013 and 2014), Keystone’s paste won Top Prophy Paste. In the review, based on more than 2,500 uses with 35 consultants, it earned a 4.5 grade out of 5 and a 91 percent clinical rating.

The ranking would appear to confirm how the paste gets the clinical job done and also provides patients with the flavor options to leave their mouths feeling fresh and clean.

Coming in four different grits (fine, medium, coarse and x-coarse), Gelato has a wide range of uses for removing stains. Dental hygienists normally use the fine grit for routine work and move their way up the grit scale for heavier stain removals.

A flavor for every taste
Keystone’s Gelato comes in six flavors: bubble gum, cherry, mint, piña colada, orange sherbert and raspberry. The paste is available in 6- and 12-ounce jars, and also boxes of 200 individual cups.

To order, visit Keystone Industries online at www.keystoneind.com/en/home.
I AM EXCLUSIVE

PSPiX
The first personal imaging plate scanner

BOOTH 4827
Expanding digital imaging

By 3DISC Imaging Staff

At this year’s Greater New York Dental Meeting, the digital imaging specialist 3DISC Imaging is showcasing the FireCR Dental PSP Reader and the brand-new high-definition intraoral camera, the FireCam HD.

3DISC Imaging’s FireCR Dental PSP Reader was designed to ensure dentists fast and high-quality images and a safe investment with unlimited software upgrades. Its size, that of a shoebox, means it fits into even the most space-challenged clinics. Installing it takes just 15 minutes from box to first image.

The FireCR Dental PSP Reader supports full-size, four-color phosphor image plates, which enables dentists to capture more teeth and roots on the same image without having to stitch smaller images together on a computer.

The FireCR Dental’s IP-protecting magnetized tray ensures a longer IP life by keeping the IP completely flat, avoiding bending during read-out.

The device supports network and TWAIN interfaces. Other features include the FireID RFID Reader, the intuitive QuantorDent imaging software and the QuantorTab app. These all help dentists optimize their workflow and patient throughput.

The newest addition to 3DISC’s dental product line is the high-definition intraoral camera, the FireCam HD. The 5M pixels make the FireCam HD the intraoral camera with the highest image resolution on the market, according to the company. It enables you to see every little detail while examining patients’ teeth. It adjusts images automatically with auto-focus and auto-brightness, giving you the best image possible.

Dentists can use the FireCam HD during consultations to show patients a clear picture of oral issues, document patients’ issues before starting treatments and register progress during on-going treatments. You can also use it to motivate patients to initiate further treatment and encourage them to change their oral hygiene habits, as it enables them to see the issue with their own eyes.

Here at the GNYDM

Come to booth No. 4634 to learn more about the FireCR Dental PSP Reader and the FireCam HD, or visit www.3DISCimaging.com or contact info@3DISCimaging.com.

(After image credits)
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choose perfection
By NSK Dental Staff

Dental equipment manufacturer NSK Dental has launched what it is describing as the dental industry’s most powerful air-driven handpiece, the 26-watt, standard head Ti-Max® Z900L series. The company also launched the 23-watt, miniature-head Ti-Max Z800L series.

“This is our biggest new product launch ever, as the Ti-Max Z900L is the first air-driven handpiece in the history of the dental industry that delivers 26 watts of power,” said Rob Gochoel, sales and marketing director for NSK Dental.

“This unprecedented torque reduces treatment time and provides remarkably smooth handling due to the high power output and a unique new turbine design. Equally impressive, the unprecedented 23 watts of power delivered by our new Ti-Max Z800L miniature-head series exceeds the power delivered by nearly all standard-head handpieces on the market today,” Gochoel said.

According to the company, both the Ti-Max Z900L and Z800L series feature a cartridge design that improves durability, a smaller head size to enhance visibility and cartridges that can be easily replaced chairside to save time and maintain practice productivity.

Both series also feature ergonomic, solid titanium bodies and NSK’s new DURAGRIP® coating, which makes the handpieces easy to hold even when wet, according to the company.

To further enhance ergonomics, the handpiece bodies features a notch for resting the thumb and index finger for maximum leverage. A Quattro (four-port) water spray and 2.5-year warranty — NSK’s longest ever — complete the offering.

To learn more about NSK, visit booth No. 3237.

NSK Dental's parent company, Japan-based NSK Inc., has manufactured a wide variety of dental products using core ultra high-speed rotational technologies since 1930. In recent years, NSK has expanded its business by applying its core technologies to the industrial and medical surgical markets.

More about the Ti-Max Z900L and Z800L series and other NSK Dental products can be found at www.nskdental.com.

Founded in 1984 and based in suburban Chicago, NSK Dental is a manufacturer of turbines, contra-angles, micro-motors, tooth polishing systems and surgical and endodontic handpieces in the North American dental market. The products are available for sale through leading dental distributors.

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Doing business in more than 130 countries, the company’s mission is “to make contributions to the health and peace of the global community through manufacturing high-quality products and to foster friendships with people worldwide.”
Hyperion X5: airgonomics
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HYPERION X5 has the distinction of being the smallest panoramic unit ever available in the market. With an ultra-simple user interface, the X5 achieves up to 15 high-definition 2D projections in just a few simple steps. Installation is astonishingly quick, with minimal time and cost.

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Dental isolation is one of the most common and ongoing challenges in dentistry. The mouth is a difficult environment in which to work. It is wet and dark, the tongue is in the way, and there is the added humidity of breath, which all make dentistry more difficult.

Proper dental isolation and moisture control are two often overlooked factors that can affect the longevity of dental work—especially with today’s advanced techniques and materials.

Leading dental isolation methods have long been the rubber dam—or manual suction and retraction with the aid of cotton rolls and dry angles. Both of these methods are time and labor intensive, and not particularly pleasant for the patient.

Enter Isolite Systems. Its dental isolation systems deliver an isolated, humidity- and moisture-free working field as dry as the rubber dam but with significant advantages, including better visibility, greater access, improved patient safety and a leap forward in comfort. Plus, it allows dentists to work in two quadrants at a time.

The key to the technology is the “Isolation Mouthpiece.” Compatible with Isolite’s full line of products, the mouthpiece is the heart of the system. It is specifically designed and engineered around the anatomy and morphology of the mouth to accommodate every patient, from children to the elderly.

The single-use Isolation Mouthpieces are now available in six sizes and position in seconds to provide complete, comfortable tongue and cheek retraction while also shielding the airway to prevent inadvertent foreign body aspiration.

Constructed out of a polymeric material that is softer than gingival tissue, the mouthpieces provide significant safety advantages, and their ease-of-use can boost your practice’s efficiency, results and patient satisfaction.

Isolite Systems provides three state-of-the-art product solutions for every practice, every operatory: Isolite, illuminated dental isolation system; Isodry, a non-illuminated dental isolation; and the new Isovac, dental isolation adapter.

Using the Isolation Mouthpieces, all three dental isolation products isolate upper and lower quadrants simultaneously while providing continuous hands-free suction. This allows a positive experience where the patient no longer has the sensation of drowning in saliva/water during a procedure, and the practitioner can precisely control the amount of suction/humidity in the patient’s mouth.

Isolite Systems’ dental isolation is recommended for the majority of dental procedures where oral control and dental isolation in the working field is desired. It has been favorably reviewed by leading independent evaluators and is recommended for procedures where good isolation is critical to quality dental outcomes.

Visit the Isolite booth, No. 1614, here in New York City, or go to www.isolitesystem.com.