Sensodyne Repair & Protect: A layer of protection for dentin hypersensitivity

By Sensodyne Staff

Dentin hypersensitivity, defined as “a transient tooth pain, characterized by a short, sharp pain arising from exposed dentin in response to a stimulus that cannot be attributed to any other form of dental defect or pathology,”¹ is a common condition that affects about one in three adults.²

The dentin, a softer mineral layer that lies beneath the tooth enamel, is filled with tiny tubules. In dentin hypersensitivity, these dentin tubules are exposed because of either gum recession or enamel loss.³

The most widely accepted explanation for dentin hypersensitivity, the hydrodynamic theory, states that stimuli like hot or cold foods and drinks cause fluid to move within the exposed dentin tubules, triggering the pulpal nerves and causing pain.³ Dentin hypersensitivity can cause significant discomfort and inconvenience for sufferers.

Sensodyne Repair & Protect, a desensitizing toothpaste

Sensodyne Repair & Protect builds a robust, acid-resistant layer over and within dentin tubules.⁴ The layer starts to form from the first use and continues to build with twice daily brushing. The layer formed is resistant to removal by dietary acids.⁵

In an in vitro study, a dentin surface with the Repair & Protect reparative layer in place was exposed to a cola drink for two minutes and then 10 minutes. Even after 10 minutes, the layer remained intact, demonstrating its ability to withstand typical daily challenges.⁴

With twice daily use, Sensodyne Repair & Protect delivers effective, lasting relief from the pain of dentin hypersensitivity

Sensodyne Repair & Protect is clinically proven to relieve dentin hypersensitivity.³ In a clinical study, it delivered significantly reduced sensitivity in response to tactile and evaporative sensitivity challenges at four and eight weeks, for a 212 percent improvement over baseline at eight weeks.

At both time points, the reduction in sensitivity achieved with Sensodyne Repair & Protect was significantly greater than that achieved with a standard toothpaste.⁶

Sensodyne Repair & Protect helps to prevent stain buildup

Sensodyne Repair & Protect toothpaste is formulated with a high pellicle cleaning ratio (PCR) relative to its relative dentin abrasivity (RDA) level. This gives it good cleaning performance and helps to prevent stain buildup. In a clinical study, Sensodyne Repair & Protect was shown to help prevent buildup of extrinsic stain following professional prophylaxis, with a cleaning performance comparable to a standard toothpaste.⁶

As well as helping to prevent buildup of stain, Sensodyne Repair & Protect has been shown to help remove established staining and, in fact, comparable to a marketed whitening toothpaste at removing natural surface stain.⁷

A layer of protection from Sensodyne

The advanced stannous fluoride and sodium tripolyphosphate formula of Sensodyne Repair & Protect builds a durable, acid-resistant layer over exposed dentin without causing tooth staining.¹,²,³,⁷ This layer blocks painful stimuli from reaching the nerve to deliver clinically proven sensitivity relief.³

Recommend Sensodyne Repair & Protect to patients looking for an alternative to their current daily desensitising toothpaste.

References
5. GSK data on file 2011.
Nite-Guide®
5-7 years

GNYDM Booth
#5007 - 5008

Occlus-o-Guide®
8-12 years

Worn passively at night

Worn 2-3 hour per day

Ortho-T®
12 years - Adult

Worn 2-3 hour per day
Corrects in 2-12 months

• Corrects Crowding
• Corrects Spacing
• Corrects Overjet
• Corrects Overbite

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Youth / Adult
Customized Chairside

Habit-Corrector®
Class III®
Broadview Networks, a leading provider of cloud-based business communications services, was selected to upgrade the David R. Brown, DDS, dental practice communications system with OfficeSuite Dental. The new system integrates industry-leading Dentrix G5 practice management software from Henry Schein and OfficeSuite, Broadview Networks’ award-winning cloud-based business phone system, to provide an all-inclusive communications system specifically designed for dental practices.

When Dr. Brown of Yakima, Wash., decided his practice needed a new phone system to streamline communications, his office manager, Katrina Vickers, conducted research to identify the most comprehensive solution that would meet Brown’s practice needs. She knew the practice needed a solution that was optimally efficient for staff, cost effective for Brown and would aid the staff in improving the patient experience.

OfficeSuite Dental allows practice staff to efficiently prioritize phone calls, schedule appointments and even collect outstanding balances. With OfficeSuite Dental, an automatic pop-up window is triggered on the practice PC when a patient calls. This window displays important patient records, including family history, appointments and clinical details, prescriptions and account balance information.

This helps dental practice staff members improve employee efficiency by having the most relevant information at their fingertips. It also helps enhance patient satisfaction by avoiding data entry errors and reducing the amount of time spent on the phone during routine calls.

The new system improved the way Brown’s front desk operates and the ease with which staff are able to serve customers.

“OfficeSuite Dental definitely helps improve our patient care and our correspondence by making everything so much quicker,” Vickers said. “We are able to remind patients about account balances, scheduled appointments and inform them of upcoming family member appointments. We are able to be so much more thorough in our conversations, rather than constantly putting patients on hold to reference such information.

I would absolutely recommend OfficeSuite Dental to any office because it has saved us so much time and effort in the easiest ways,” she said. “I just couldn’t be more pleased with the product and with the customer service.”

To learn more, visit OfficesuiteDental.com. OfficeSuite Dental is available through Henry Schein, and Broadview phone systems are available as part of the Henry Schein TechCentral portfolio of computer and business technology solutions.
An 84-year-old male presented on Oct. 29, 2012, with inflammation and minimal attached tissue on the buccal aspect of implants at the #17 and #18 sites that had been placed more than five years earlier. The patient wore an implant-supported maxillary denture. The patient underwent regular hygiene maintenance approximately every three months, and no other treatment had been performed.

At #17, bone loss to the sixth thread was noted mesially and distally; at #18, bone loss to the third thread was noted mesially and distally. The patient had experienced little pain for a couple of months.

The patient's medical history included seasonal allergies, respiratory and sinus problems, glaucoma, bruxism and HBP. The patient was pre-diabetic (non-medicated) and used a CPAP. He had undergone corneal transplants in both eyes. Medications included Zyrtec, Simvastatin, Lisinopril, aspirin, depotestosterone and vitamin B-12, with no known drug allergies.

Decreasing inflammation was the most important priority, and given the position of the implants, traditional surgical methods would have been difficult, especially with visualization. The treatment plan recommended was LAPIP around implants #17 and #18 to reduce inflammation and regenerate bone support.

LAPIP was performed on Nov. 5, 2012, utilizing the PerioLase® MVP-7™ Nd:YAG laser at 75 J increments.

**Fig. 1:** Implants on April 4, 2011, showing no bone loss noted around implants. (Photos/Provided by Allen S. Honigman, DDS, MS)

**Fig. 2:** Implants on Oct. 29, 2012, showing bone loss to the sixth thread mesially and distally at #17 and to the third thread mesially and distally at #18.

**Fig. 3:** On Jan. 23, 2013, post-LAPIP therapy, radiographs confirmed maintenance of bone regeneration.

**Fig. 4:** On March 25, 2013.
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* Subject to credit approval.
By Shofu Staff

The CX-Plus capsule: A glass ionomer luting cement

Shofu Dental is announcing the launch of its GlasIonomer Luting Cement CX-Plus — now in a capsule form.

CX-Plus is an ideal, self-curing, glass ionomer luting cement designed for minimally invasive dentistry. Indicated for cementing crowns, inlays, long span bridges and orthodontic appliances, CX-Plus has a high compressive strength, low film thickness and is radiopaque. It is resistant to water contamination and can exist in a moist environment.

CX-Plus Capsules bond to both enamel and dentin to provide an excellent marginal seal, thus minimizing postoperative sensitivity. Indicated for cementing crowns, inlays, long span bridges and orthodontic appliances, CX-Plus has a high compressive strength, low film thickness and is radiopaque. It is resistant to water contamination and can exist in a moist environment.

CX-Plus Capsules bond to both enamel and dentin to provide an excellent marginal seal, thus minimizing postoperative sensitivity. Additional features are its high fluoride release and low levels of acid erosion. These, combined with its superior handling, fast setting time and three-year shelf-life, make CX-Plus an ideal luting cement.

Shofu’s GlasIonomer Cement FX-II is available in powder/liquid form and now comes to you in a more convenient delivery system — the capsule.

Here at the GYNDM

Dr. Daniel Ward will present a hands-on course, “Improving and Simplifying the Placement of Esthetic Restorations,” on Monday from 9:45 a.m. to 12:45 p.m. in aisle 5800, room 8. During his session, he will discuss how to use GlasIonomer FX-II in Class V restorations. For more information about GlasIonomer FX-II, stop by the Shofu booth No. 4407.

LASER  from page 24

with cooling in between to prevent overheating of the implant. Removing the superstructure was deemed too difficult as it might have caused unnecessary damage and possibly required remaking the entire fixed prosthesis. Therefore, the LAPIP therapy proceeded intersulcularly on #17 and #18, then scaling with the PS tip of an EMS piezo scaler, utilizing a chlorhexidine irrigant to further decontaminate the implant surface. Hemostasis was achieved with the Nd:YAG laser (PerioLase MVP-7), followed by occlusal adjustment of the implants. The energy density for #17 was 15.1 J/mm and for #18 was 11.8 J/mm.

The patient was placed on amoxicillin (500 mg) four stat, then one tab every eight hours until finished; Motrin (800), one tab every eight hours for three days, then PRN pain; and chlorhexidine rinse, twice a day for 30 seconds. The patient was evaluated postoperatively at one, three, six, 12, 19 and 33 weeks, with occlusion checked each time at each appointment.

At 33 weeks, minimal, if any, tissue loss and no inflammation were observed. Radiographs confirmed bone regeneration/recalcification on both implants. Additionally, the patient reported no pain.

Now in capsule form

Shofu announces new delivery system for two of its products

Shofu’s GlasIonomer Cement FX-II is available in powder/liquid form and now comes to you in a more convenient delivery system — the capsule. For application, simply shake the capsule to loosen the powder, push in the plunger to activate and mix for 10 seconds. Total setting time is four minutes, 10 seconds from start of mixing.
The Glaslonomer CX-Plus Capsules are available through your local dealer in a box of 50 for $227.99 or $4.56 per capsule. Stop by the Shofu booth, No. 4407, for a demonstration.

The Glaslonomer FX-II Capsule: a glass ionomer direct restorative
Shofu Dental is also announcing the launch of its new direct restorative, Glaslonomer FX-II Capsule. Those interested in seeing the material are encouraged to visit booth No. 4407 for a firsthand product demonstration.

The Glaslonomer FX-II Capsule is an esthetic, all-purpose, glass ionomer direct restorative, designed for minimally invasive dentistry. As a restoration, the material is shown to have superior levels of fluoride release/rechargability and compressive/tensile strength in comparison to other leading glass ionomers, making it ideal for high caries pediatric and geriatric patients.

In addition to this, adhesion to enamel and dentin is consistently stable at equal levels, creating a stronger marginal seal. The restoration experiences far less strain because of the adhesive strength, and the thermal expansion properties are very similar to natural teeth. The radiopaque qualities of the new Glaslonomer FX-II display a highly favorable natural fluorescence.

The application benefits of Glaslonomer FX-II are equally noteworthy. One key benefit is there is no conditioner required for this material, resulting in faster application time. Simply prepare the cavity using the conventional method, mix the capsule for 10 seconds and apply. Net setting time is two minutes and 30 seconds. The combination of a fast setting time and no conditioning requirement greatly reduces valuable working time and allows one to see more patients within a day.

Unlike many other glass ionomer restoratives, the new Glaslonomer FX-II Capsule demonstrates excellent handling and packability. Indications for use include non-load bearing C I and C II restorations in permanent dentition, restorations of C III and C V cavities and wedge-shaped defects, pediatric/geriatric restorations and core build-up and base/liner material. Offered in shades A2, A3, A3.5 and B2, the material is simultaneously translucent and opaque, creating an esthetic appeal and beautiful vita shade-matching abilities.

Shofu Dental’s Glaslonomer FX II Capsule is overall stronger and more durable and is a highly therapeutic, minimally invasive restorative, but the most impressive point of all is its price point — only $4.54 a capsule, packaged in a kit of 50 with a total cost of $227.70.

Stop by the Shofu booth No. 4407 to experience the new Glaslonomer FX-II Capsule.
The conventional intra- and extra-oral head and neck examination is taught in dental and hygiene schools to screen patients for oral cancer and other oral disease. It normally consists of a visual inspection of oral tissue, or oral mucosa, under incandescent or halogen light using the naked eye to look for suspicious lesions, as well as extra oral palpation of the face and neck to feel for suspicious lumps and intra-oral palpation of the mucosa.

Why is it important?
A three-to-four minute visual and palpation exam is crucial in the discovery of oral diseases. It is quick to perform, painless for the patient and enhances the patient experience with the dental practice. According to the Oral Cancer Foundation, nearly 42,000 Americans will be diagnosed with oral or pharyngeal cancer this year. The percentage of oral cancer patients who ultimately die of the disease is higher than for many other cancers.

The key to reducing the number of lives lost to oral cancer is earlier detection of the disease, and the key to earlier detection is more frequent and more thorough intra- and extra-oral head and neck exams. The majority of oral cancers are detected in the later stages, when the five-year survival rate is about 50 percent. The good news? When discovered early, the survival rate leaps to 82 percent.

But did you know?
Independent surveys indicate the majority of patients say they have never had an oral cancer exam. A recent U.K. survey found “92 percent of respondents would like their dentist to tell them if they were being screened for signs of oral cancer and 97 percent would like help from their dentists to reduce their risk.”

What can you do?
Although you may offer the conventional intra- and extra-oral head and neck examination as part of your normal standard of care, your patients may not be aware they are receiving this examination nor even understand why you insist on performing it. Inform your patients that this simple exam may help in the discovery of abnormalities, including precancerous and cancerous tissue, and then assist with expediting a treatment plan to help them back on the road to recovery.

Here at the GNYDM
For more information on oral cancer screenings, stop by the LED Dental booth, No. 3313.

Reference
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When: 1-4 December 2013
Where: Crystal Palace
35th Street Entrance Hall
Jacob K. Javits Convention Center
3Shape TRIOS Color receives ‘Best of Class’ honor

3Shape, a provider of 3-D scanners and CAD/CAM software solutions for the dental industry, recently received the highest honor from Pride Institute for its innovation in dental technology.

The 3Shape TRIOS® Color digital impression solution was one of only 18 products honored as “Best of Class” by the Pride Leadership Panel.

The ‘Best of Class’ Technology Award
Now in its fifth year, Pride Institute’s award continues to recognize products that demonstrate excellence in their category. A panel, composed of leading voices in dental technology, comes together each year to discuss, debate and decide which products merit recognition.

According to Pride Institute, each product honored as “Best of Class” features unique characteristics that differentiate it from the competition in a compelling way, and more importantly, it creates value for the general dentist.

Dr. Lou Shuman, president of Pride Institute and creator of the award and its selection process, said: “In this highly competitive category, 3Shape’s TRIOS Color solution impressed the panel on many fronts. Scanning is fast and easy to perform, and it creates scanned images in the appearance of real teeth and gingiva with very natural looking colors. The fact that it is so respected in the lab space should be a differentiating factor to the practitioner.”

Flemming Thorup, CEO of 3Shape, said: “We are naturally honored to be chosen for such a prestigious, highly respected and important award from among so many prominent technology companies. TRIOS Color introduces many exciting and unique innovations that make digital workflows attractive for dentists and their business.”

About TRIOS Color
3Shape TRIOS Color is built on 3Shape’s Ultrafast Optical Sectioning™ and RealColor™ technologies. Its features include capture of teeth and gingiva in natural-looking colors, spray- and powder-free scanning and optimized scanning for an extensive range of indications, including customized abutments with emergence profile capture, clinical scan validation and more.

The built-in Communicate™ software lets dentists and labs interact directly to exchange case information, 3-D designs, 2-D treatment previews and comments.
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— Charles Patterson DDS MS MBA

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300 dental products and counting

Mydent International’s record of reliable service dates back more than 27 years

By Mydent International Staff

Produced in 1985, the DEFEND brand, by Mydent International, has grown into a global leader, serving more than 50 countries in the manufacturing of high-quality infection control products, disposables, preventatives and impression material systems.

With more than 27 years of reliable service to the dental industry, Mydent International manufactures more than 40 percent of consumables used in the dental operatory.

From award-winning sterilization products, impression materials, prophylactic paste, wipes and lab coats to disposables and more, Mydent International manufactures more than 300 items used by dental professionals.

Award-winning impression material

Mydent International’s impression material line is an industry favorite. Recognized by Dental Product Shopper as a “recommended” product, DEFEND impression materials have been described by dentists as “the best material ever used.” Offering exceptional mix and flow characteristics, DEFEND VPS and bite registration products, impression materials, prophylactic paste, wipes and lab coats to disposables and more, Mydent International manufactures more than 300 items used by dental professionals.

Award-winning disinfectant wipes

DEFEND+PLUS Wipes disinfect, deodorize and clean hard, non-porous surfaces safely and effectively. The wipes, which contain a stable, low-pH formulated disinfectant and deodorant, feature a new, two-minute kill time for various organisms, including methicillin-resistant Staphylococcus aureus; influenza A; Pseudomonas aeruginosa; and hepatitis B and C; and they deliver a one-minute kill time for human immunodeficiency virus-1. These wipes were awarded “Best Product 2011” by Dental Product Shopper.

Ultrasonic cleaning tablets

Mydent International’s Ultrasonic Enzymatic Tablets dissolve in a gallon of water in less than a minute to create a powerful and effective ultrasonic cleaning solution. In 2012, The Dental Advisor conducted a clinical evaluation of Mydent International’s DEFEND Ultrasonic Enzymatic Tablets. Evaluated by 34 dental consultants in 821 uses, the tablets received a high 90 percent positive clinical rating.

Jackets and lab coats

Awarded a 4.5+ rating out of 5 from The Dental Advisor, DEFEND+PLUS jackets and lab coats provide the latest technology in protection, with 28 percent better bacterial filtration (Nelson Laboratories, January 2011). These jackets and lab coats are made of a soft, three-layer, SMS fabric and provide higher quality stitching, cuffs and collar compared to most competition.

New spore testing service

Mydent’s new DEFEND spore testing service was issued the prestigious “Best Product 2013” award from a recent clinical evaluation through Dental Product Shopper. Eleven clinical evaluators participated, resulting in a final score average of 4.6 out of 5.0.

According to the evaluation, “ease of use” received the highest rating (4.9 out of 5.0). The other criteria evaluated included response time, effectiveness, instructions, ease of doing tests, documentation and overall satisfaction. This spore testing service provides dental professionals with a quick turnaround time and access to test results via a secure website.

Dual fit masks feature latest technology

Mydent’s newly designed line of DEFEND Dual Fit Face Masks create a tight custom fit and enhanced facial protection. With the latest in contour technology, these face masks feature a form-fitting pliable nose and adjustable chin band to ensure ultimate comfort.

New prophy angles

DEFEND Prophy Angles have been added to Mydent’s expanded line of dental supplies. These disposable prophy angles are constructed with contra angles designed to reduce hand fatigue and micro traumas while allowing greater access. DEFEND Prophy Angles are also latex-free, smooth running and vibration-free.

New DEFEND ordering website

Mydent International has developed an ordering website for dental professionals to conveniently place DEFEND orders through their dealer.

For a limited time, Mydent International is giving away $50 SpaFinder gift certificates. For more information on Mydent International and the DEFEND brand of products, call (800) 275-0020 or visit www.defend.com.

AD

Here at the GNYDM

Visit Mydent International at booth No. 3618 for free product samples, exclusive 4+1 specials and chances to win SpaFinder gift certificates. For more information on Mydent International and the DEFEND brand of products, call (800) 275-0020 or visit www.defend.com.

Charitable initiatives

Mydent International is active in supporting charitable organizations. With autism rates estimated as high as one in 91 children, Mydent International feels compelled to take action. As a result, a portion of the profits go to Autism Speaks, the nation’s largest autism science and advocacy organization.

Mydent International is dedicated to fully maintaining the DEFEND brand promise: “To provide the health-care professional with the highest quality infection control products, disposables, preventatives and impression materials at affordable prices, supported by superior service and 100 percent customer satisfaction.”
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Advancing the science of implantology
Dentatus introduces the Profin PDX Contra/Angle

By Dentatus staff

Dentatus is introducing its new Profin PDX Contra/Angle at this year’s Greater New York Dental Meeting. Smaller, lighter, more ergonomic and more affordable than its predecessor, the Profin, with safe-sided diamond-coated Lamineer® Tips, is the instrument of choice for shaping and finishing hard-to-access areas without damaging adjacent surfaces of all restorative materials, according to the company. Said Dr. Howard Strassler, professor and director of operative dentistry at the University of Maryland Dental School in the Department of Endodontics, “Although it is the workhorse of any dental practice, a conventional handpiece (that rotates and accepts friction grip and latch-type burs and abrasives) does not meet all the demands of adhesive restorative dentistry.”

Modern dentistry emphasizes esthetics and shaping restorations to consistent clinical standards of form and function. The Profin features precise and directionally controlled movement of a 1.2 mm reciprocating motion. According to the company, it is ideal for delicate and safe shaping, contouring and polishing of natural dentition, as well as for all restorative materials, including composite, cements, porcelain, ceramics, amalgam and metals.

The Profin can be set in a self-steering mode, most often selected for polishing procedures, or a fixed mode, achieved by pushing the tip into one of six notched indexing positions. The fixed position controls directional movement of the tip.

The complete assortment of Lamineer Tips are safe-sided and come with various diamond-coated micron-grain sizes. The largest, 150 micron diamond tips, are used for effectively removing bulky overhangs, while sequentially using the finer grain tips down to 15 microns will produce a very fine smooth finish.

The knife-edge “S-series” offers maximum access and is ideal for creating gingival and incisal embrasures. Smoother finishing is achieved with the Wolfram Tungsten tips, which will not scuff healthy enamel when finishing margins.

Specialty tips are also available for fine finishing of shoulders, chamfers and interproximal reduction.

For more information or to view a demo of the product, visit Dentatus at booth No. 1714 during the Greater New York Dental Meeting or go online to www.DentatusUSA.com.

Here at the GNYDM

The new Profin PDX Contra/Angle for Standard E-fitting has tactile ergonomics, smooth glare free surface and a miniature head for even easier access in hard-to-reach areas. (Photo/Provided by Dentatus)
WE ARE LANAP
PROTOCOL

Sunil Thanik, DMD, MSD
Craig Long, DDS
David Kimmel, DMD
Jon Suzuki, DDS, PhD, MBA
Charles R. Braga, DMD, MMSc

Exhibit #4033
at the Greater New York
Dental Meeting

Monday, December 02, 2013
Marc L. Nevins, DMD, MMSc
2:00 PM - 5:00 PM
Laser Assisted New Attachment Procedure (LANAP)

Live Patient Demonstration:
Tuesday, December 03, 2013
The LANAP Protocol
10:00 AM - 12:30 PM
Charles Braga, DMD, MMSc

Hands-on Workshop :
Tuesday, December 03, 2013
LANAP and LAPIP: Laser-Mediated
Periodontal Therapy
2:00 PM - 5:00 PM
Charles Braga, DMD, MMSc

You CAN save ailing implants

Pre-Op
Radiographs courtesy of H. Sumners, DDS, Henderson, NV, President
12 Months Post-LAPIP Protocol
Highly anxious patients, atypical nerve anatomy, irreversibly inflamed lower molars and past experiences of poor anesthesia all combine to create the perfect storm for endodontic pain-control challenges. Being a full-time endodontist in private practice, this clinical scenario, to one degree or another, presents itself frequently. Aside from common nerve blocks, some forms of advanced local anesthesia techniques are often essential to provide a comfort in the aforementioned scenarios.

To this end, the Wand STA All-Injection System (Aseptico, Woodinville, Wash.) device and the Anesto handpiece (W&H, Windsor, Ontario, Canada) have proven invaluable. I use the Wand STA on every patient. It has become an indispensable part of my anesthesia technique. All infiltrations, blocks and PDL injections are given with it. The injections are more controlled, comfortable (for both me and the patient!) and predictable than standard injections.

The pen-style grip of the Wand STA handpiece allows the clinician to inject with far greater tactile control. Various handpiece sizes are available for the different injections. While economical, the unit is also simple to learn and use.

While the Wand STA has three injection speeds, in my hands all injections are given at the slower of the three speeds with exceptional patient acceptance. Empirically, it is my experience that the Wand STA leads to far fewer (none in three years) epinephrine reactions (increased heart rate, patient anxiety, etc.) and incidence of an “electric shock” reaction, which happens with traditional systems if the needle touches the nerve bundle.

Finally, for cases in which intrasosseous anesthesia is required, I favor the Anesto system by W&H. Anesto is a solid choice, as the perforating and injection needle are one, eliminating some of the pieces required for other systems.

In clinical practice, once the clinician believes adequate anesthesia has been obtained, it is advisable to confirm profound anesthesia with both percussion and hot and cold (depending on the diagnosis as indicated). Once accessed, especially for vital inflamed cases, consideration should be given to also providing an intrapulpal injection into the orifice of each canal, followed by placing a small handfile to the apex.

Ideal for this purpose are the Mani #6 K files and Mani #8 D finders (D Finders are stiffer than a K file and used for negotiation of calcified canals). Exploration of the canal in this manner, done without discomfort, provides absolute confirmation of total anesthesia, invaluable for the anxious patient.

I welcome your feedback.

About the author

Rich Mounce, DDS, is in full-time endodontic practice in Rapid City, S.D. He has lectured and written globally in the specialty. He owns Mounce-Endo LLC, marketing the rotary nickel-titanium MounceFile in controlled memory and standard NiTi. He can be reached at richardmounce@ mounceendo.com, www.mounceendo.com and on Twitter at @MounceEndo.
CROIXTURE

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WWW.CROIXTURE.COM
Clinicians are leveraging their investments in chairside digital impression systems to reduce the time and cost of implant therapy. Dental technicians produce custom abutments and crowns directly from digital impressions taken with these systems, eliminating the need for physical models.

From a chairside digital impression, Glidewell Laboratories will digitally design and fabricate a custom abutment or crown in two days or less. Dentists save on the cost of impression materials, shipping to the lab and model work, and they benefit from lower lab prices on restorations. The process for taking the digital implant impression and sending it to the lab is straightforward:

1) Remove the healing abutment and attach an Inclusive® Scanning Abutment (available through Glidewell Direct) to the implant. For Bellatek® Encode® Impression System (Biomet 3i™, Warsaw, Ind.) digital impressions, it is not necessary to remove the healing abutment.

2) Take buccal, lingual and occlusal scans of the implant site.

3) Scan the opposing dentition.

4) Remove the scanning abutment and scan the bite.

5) Electronically submit the digital implant impression to the lab.

For system-specific information on how to send digital implant impressions to Glidewell Laboratories, intraoral workflow guides are available at www.glidewelldental.com.

CAD/CAM crowns and abutments ship in two days or less when derived from digital implant impressions.
Together We’re Helping Health Happen

Henry Schein Cares, our global corporate social responsibility program, is a source of pride for Team Schein Members around the world. Through many activities, we “help health happen” by expanding care to underserved populations.

One way our customers can assist the important work of Henry Schein Cares is through participating in our Calendar of Caring programs. Throughout the year, we offer special products for purchase, a portion of which will be donated to the Henry Schein Cares Foundation in support of health-related causes. Together we can do more!

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By Keystone Industries Staff

Bruxing has always been an issue for a large portion of the population. More than 50 million people (one in six) in the United States have symptoms of bruxing; however, they are rarely ever given an effective treatment.

That’s why Keystone Industries is excited to announce its product, NiteBite®, a truly innovative device that easily and effectively treats grinding, clenching, pain, headaches and jaw joint syndrome (TMD or TMJ). There are plenty of nightguard options out there, but they hardly ever work properly. Often, these devices overcorrect by opening the bite too far, and they do not stop bruxism and clenching.

NiteBite is different. Its special design and thin construction within the freeway space — the distance between the physiological rest position and the first point of contact of the upper and lower teeth — stops people from clenching and grinding their teeth. NiteBite can stop symptoms such as headaches and tooth and jaw pain as well.

This proprietary, patented and FDA-cleared device is the first biteguard that functions within the patient’s freeway space. NiteBite uses the jaw’s natural proprioceptive response to trigger the jaw-opening reflex. As the lower teeth approach contact with the NiteBite, the jaw-opening reflex returns the lower jaw to the physiological rest position, where no teeth touch each other or the NiteBite. The muscles relax, and NiteBite effectively relieves jaw, head and neck pain, as well as associated symptoms of TMJ disorder.

Not only does the device work physiologically and simply, but it’s also easy to mold to the patient’s bite. In less than five minutes, a dentist or hygienist can heat the device and shape it to the patient’s front teeth. Then the patient is ready to go home with his or her new NiteBite.

Key features
• Stops bruxing and clenching
• FDA cleared for use by dental professionals
• Inserts, molds and fits in five minutes
• No second patient visit needed
• No lab time or expense
• Custom fit for each user (in office)
• Easy to fit and comfortable to wear
• Safe and easy to use
• Clinically proven to be effective
• One of the most profitable occlusal appliances on the market
• Little or no adjustment is needed
• Prevents TMJ/TMD syndrome
• Relieves chronic tension and pain within the head, jaw and neck neuromuscular system
• Available through your distributor

NiteBite is sure to revolutionize how bruxing and TMJ/TMD are treated. With its simple design and easy application, NiteBite allows dentists to finally help the millions of untreated bruxing patients across the country.
GNYDM 2013. Booth # 4812

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In addition to its elegant and stylish design, its ease-of-use, its high image resolution and its reliability, the I-Max Touch 3D offers the ideal field of view (FOV) for use in dental imaging. With SimPlant® software pre-loaded, the I-Max Touch 3D is a MUST-HAVE for your implant planning.

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Impladent Ltd. offers a wide range of affordable biologic and synthetic bone graft products featuring OsteoGen® Synthetic Bioactive Resorbable Non-Ceramic Crystals, which are physiochemically and crystallographically equivalent to human trabecular bone, making them a pure alloplast.1,2

Wound healing and membranes for GTR applications include OsteoTape® Preformed Porous Resorbable Bone Graft “flexible blocks” and tapes, which combine non-ceramic OsteoGen with highly purified bovine collagen for successful bone modeling when secured to the host as a bone block with two screws. CollaForm® Plugs and Singles are collagen wound dressings that resorb in four to six weeks. Where extended resorption is necessary, OsteoMend XTD membranes resorb in four to six months. All collagen products are derived from bovine achilles tendons and are sourced solely from New Zealand. MiniPlate™ Bone Graft Fixation Screw Kit and titanium mesh are available for ridge height and width augmentations.

For more information, visit www.impladentltd.com, call (800) 526-9343 or stop by the Impladent Ltd booth, No. 3431, here during the Greater New York Dental Meeting.

References
OSADA Enac Model: OE-F15
Long awaited Bone Cutting Specialist with Extended Boosting Power

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AQUASIL ULTRA CORDLESS

Aquasil Ultra Cordless is the first and only tissue managing impression system that does not require tissue retraction in most cases.

There is no need for cord and no need for paste. Instead, according to the company, there is just a one-step system that places super high tear strength wash material precisely into the sulcus within seconds, creating a less stressful experience that delivers accurate marginal detail.

For more information, call (800) LDCAULK, visit www.aquasilultracordless.com, call an authorized DENTSPLY distributor or stop by the DENTSPLY Caulk booth, Nos. 2600/2800, here during the Greater New York Dental Meeting.

KRAZY CONE FACE MASKS

New from Mydent International comes a product made especially for pediatric patients. The Krazy Cone Face Masks feature the faces of four animals — a dog, a cat, a rabbit and a pig.

The face masks include a non-glare pliable nosepiece, ensure comfortable breathing, are fluid resistant, have a soft inner layer for facial comfort, are fiberglass and latex free and are 99 percent BFE/PFE free.

Each design comes separately in boxes of 50, or you can purchase an assortment pack that comes with 40 masks.

For more information or to check out the masks for yourself, go online to www.defend.com/krazy-cone-face-masks or stop by the Mydent International booth, No. 3618, here during the Greater New York Dental Meeting.

(Photo/Provided by DENTSPLY Caulk)

(Photo/Provided by Mydent International)