Mydent introduces DEFEND prophy paste

Mydent International has introduced DEFEND® Prophy Paste, a new prophy paste that contains balanced ingredients for maximum stain removal with minimal enamel loss. Available in two formulas, DEFEND+PLUS and DEFEND, these prophy pastes are smooth, pliable and contain 1.23 percent active fluoride ions to strengthen tooth enamel.

DEFEND Prophy Paste tastes great and both formulas are available in four flavors: mint, cherry, vanilla/orange and bubble gum. All are gluten-free to assure against allergic reaction and easily rinse clean with water.

DEFEND+PLUS Prophy Paste offers an easy-to-use, splatter-free formula that provides superior stain removal and polishing properties. Both DEFEND+PLUS and DEFEND prophy pastes are available in unit dose cups with 200 per package of assorted or individual flavors.

Mydent International, home to DEFEND infection control products, disposables and impression material systems, provides dependable solutions for defensive health care.

Mydent urges health care professionals to: DEFEND. Be smart. Be safe.

For more information on Mydent International and its products, call (800) 275-0020, or go to www.defend.com. You may also visit the company at booth No. 1541 at the Chicago Midwinter Meeting.

PhotoMed G11 digital camera

The PhotoMed G11 digital dental camera is specifically designed to allow you take all of the standard clinical views with “frame and focus” simplicity. The built-in color monitor allows you to precisely frame your subject; focus and shoot. It’s that easy.

Proper exposure and balanced, even lighting are assured. By using the camera’s built-in flash, the amount of light necessary for a proper exposure is guaranteed, and PhotoMed’s custom close-up lighting attachment redirects the light from the camera’s flash to create a balanced, even lighting across the field.

More information is available at www.phtomed.net, or call (800) 998-7765.

Vision’s digital Communicator

Vision USA’s digital “communicator” is another priority product for the company going forward in 2010. This camera/video is mounted on an adjustable stand, allowing the user to capture and transmit images of impressions, implant parts, etc., at 10x to 20x magnification with LED lighting.

The system automatically attaches the photo/video to your e-mail server, making it a very user-friendly tool. The cost ranges from $329 to $449. Also available are microscope eyepiece adaptors to convert your existing microscope into a digital camera for a cost of $269.

For more information or to view a video software demo, please visit www.visionusa.com or call (800) 257-5782 or (856) 795-8199.

Plak Smacker: Splash toothbrush

Plak Smacker has announced the latest addition to its line of toothbrushes: the Splash Brush. The Splash toothbrush is available in four bright colors: orange, blue, pink and green.

This toothbrush has a comfortable, contoured handle for easy grip while brushing. The soft bristles add to the comfort of the Splash Brush and provide gentle massage to the teeth and gums. Patients are sure to rave about this brush.

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

For more information or to place an order, please call (800) 558-6884 or visit www.plaksmacker.com.

Look for the Dental Tribune show daily in Chicago!

Want to know what’s new and interesting during the Chicago Midwinter Meeting? Pick up your copy of Dental Tribune, which is published daily, during the show.

Our on-site team of editors focuses on helping attendees make the most of their time at the event and includes live coverage during the event, speaker interviews, daily course offerings, social events, etc.
Two independent studies have confirmed the effectiveness of the VibraJect® Dental Needle Attachment to block the pain of dental injections.

The first study, by Fred Quarnstrom, DDS, et al., dealt with pain level comparisons resulting from usage of the Wand with those compared to usage of the VibraJect dental needle attachment.

The second study, by Queens University, statistically measured and compared the amount of pain reduction experienced by patients given block injections of local anesthesia using the VibraJect dental needle attachment with block injections given to subjects using conventional injection methods.

The following excerpt is from the first of these two studies by Fred Quarnstrom, DDS.

Ruth Woldemicael, DMD, and David Chen, DDS, compared the VibraJect to a computer-controlled injection device to control pain for injection of local anesthesia. Nineteen injections were done with the Wand handpiece of the CompuDent™ system by Milestone Scientific and 17 with the VibraJect by VibraJect LLC.

Twenty-four were maxillary infiltrations, 12 were mandibular blocks. Patients reported the level of pain for the needle piercing their tissue, the injection of solution and their overall evaluation of the injection. No difference was seen for piercing the tissue, injecting the solution or overall report of pain.

This study’s conclusion stated: “This study tends to indicate there is little difference in the pain perceived by a dental patient when injected using the Vibraject as opposed to injecting with the Wand.”

The second study is from Queens University, Belfast, Ireland, and reveals the following findings.

A Queens University study on 400 patients showed that VibraJect statistically reduced the amount of “pain from 4.6 to 1.7, which has never been statistically achieved before VibraJect.”

According to the Queen’s University study ...

Results: “Subjects receiving the conventional injection methods had a mean pain score of 4.6 (± 0.414). The Vibraject group had a mean pain score of 1.71 (±0.255) (P<0.05). Certain sites had larger decreases in the mean pain score using the Vibraject. These included the upper anterior segment infiltrations and lower right IDB injections.

Conclusions: The vibrating syringe attachment resulted in reduced pain levels on receiving intraoral injections.”

Advantages of VibraJect

Beyond the obvious pain and stress reductions; ease of use; low equipment expenditures and associated cost savings, an additional advantage of the VibraJect dental needle accessory is that it will “build dental practices through patient referrals.”

The news of stress-free and virtually painless injections travels rather quickly and will result in greater patient satisfaction and an ever-increasing patient base.

Dental clinicians around the globe are interested in eliminating appointment cancellations; minimizing no-shows for dental procedures; reducing patient complaints about injection pain with its associated stress; and eradicating the number of squirming, wiggling and screaming children in their dental chairs.

VibraJect implementation has been shown to virtually eliminate these problems.

For more information on VibraJect, visit ITL Dental online at www.itldental.com.

1) A study by Fred Quarnstrom, DDS, FASDA, FICD, FAGD, Diplomate, American Board of Dental Anesthesiology, Diplomate, National Board of Dental Anesthesiology; and Sun Hee Bang-Pastore, DDS
CADapalooza '10: ‘The biggest show in dentistry!’

June 17–19, Cowboys Stadium, Dallas, Texas

D4D Technologies and Henry Schein Dental are proud to unveil CADapalooza ‘10 – The Biggest Show in Dentistry! See dentistry like never before — bigger and better than ever on the world’s largest high-definition screen.

Join an incredible lineup of speakers in what will be the event of the year in CAD/CAM dentistry as you sit in comfort at the all-new colossal Cowboys Stadium and see top innovators in business and dentistry present current innovations and future applications in CAD/CAM dentistry.

CADapalooza ‘10 is guaranteed to provide new insight into dentistry as a team sport with valuable information for all — dentists, dental assistants and dental technicians. Whether you are considering CAD/CAM for the first time or are an experienced operator, there’s something for everyone.

CADapalooza ‘10 begins with a Millin’ Around Welcome Reception on the evening of Thursday, June 17, for all registered attendees at the stunning Gaylord Texan Resort. On Friday, June 18, participants will enjoy watching the future of dentistry unfold at the largest domed venue in the world.

Take in the valuable lectures from the industry’s top visionaries in the comfortable leather seats or relax in the 53,000 square foot Club Level for breaks, lunch and interaction with leading manufacturers. All participants will have the opportunity to tour the stadium and end the evening with a cocktail reception at the Star Bar, which sits seven stories high overlooking the field for a whole new view of dentistry.

Saturday is a special day for all participants, who are invited to visit D4D Technologies’ global headquarters for Build-a-Crown™ Workshops and facility tours. Be there as D4D/CAMassadors guide you through the scan, design and milling of your own restoration, and work with ceramic experts to impart the ideal color and strength.

If you already own a chairside CAD/CAM system, you can elect to participate in advanced design workshops from experienced designers to maximize your productivity in design and material handling. Don’t miss this one-of-a-kind event!

See and experience the future of CAD/CAM dentistry at CADapalooza ‘10. Space is limited, so register yourself and your team today. Registration is $295/person (can be charged by credit card or Henry Schein Dental account) before June 1, and $395 on-site or after June 1. Up to 9 C.E. hours available. To register, visit www.CADapalooza.com.

To reserve your hotel room at the Gaylord Texan Resort through a special CADapalooza room block, call the Gaylord Texan at (817) 778-2000 or visit, www.gaylord texan.com. Transportation to and from the Gaylord Texan to Friday’s CADapalooza full-day program and Saturday’s Build-a-Crown Workshops is included, as well as up to 9 C.E. hours.

CADapalooza ‘10 is sponsored by D4D Technologies, Henry Schein Dental, Ivoclar Vivadent, 3M ESPE and Premier Dental. Go to www.CADapalooza.com to register or for more information.

About CADapalooza

CADapalooza is an annual conference designed to provide attendees with the most recent information and a vision of the capabilities of chairside and laboratory dentistry using products and technologies offered by D4D Technologies and Henry Schein Dental.

The interactive venue will also feature the latest applications and techniques utilizing materials designed especially for digital dentistry today and in the future.
Vibringe Corp., headquartered in Amsterdam, Holland, announces the U.S. launch of its new irrigation device for root canal treatments, called Vibringe®, which debuted at the International Dental Show in Cologne Germany in March 2009.

This new endodontic irrigation system uses sonic technology to activate the manual flow of irrigation solution in order to realize a faster and more effective outcome with increased predictability.

Vibringe heralds the next level of endodontic irrigation and is the winner of the 2009 iF Product Design Award (Germany), the 2009 Red Dot Design Award (Germany) and the 2009 Good Design Award (USA). iF and Red Dot are two of the most important international product design awards, with iF garnering more than 2,000 entries from approximately 57 countries.

“We strongly believe that a product’s design plays an important part in the acceptance of new technologies in the dental industry. In addition, our research has shown that a more user-friendly design also has a positive effect on the patient’s comfort. Vibringe is a very effective ‘gotta have it’ piece of equipment,” said Vibringe Managing Director Mart Sips.

Founded in November 2007, Vibringe Corp. is an innovator in endodontic devices that allow dentists to realize their full potential by developing easy-to-use products that help to improve the effectiveness of existing dental procedures.

The Vibringe device and its disposable syringes are already available for dentists in most EU-countries, Turkey, Canada, Japan, Australia and New Zealand.

The Vibringe irrigation system is the result of an unprecedented collaboration between Vibringe Corp., designers, engineers and dental professionals. Real-life scenarios guided product development through feedback from dentists who volunteered to let Vibringe Corp. watch them work. During testing, dentists from around the world provided valuable feedback and suggestions.

“This is a game-changing product. It’s an incredible step forward in the field of endodontics. We expect that the number of endodontic failures will be significantly decreased because one of the major causes of failure in endo is the irrigation procedure. Vibringe embraces the actual irrigation procedure. Dentists will save time due to the all-in-one feature, but will realize much better results due to the simultaneous delivery and activation of the solution,” Sips explained.

Industry insiders recognize Vibringe

“When I first saw this unique product, I knew it would create a new mindset in endodontics regarding irrigation. As we all know, irrigation is the most important step in endodontic treatment, but still one of the most old-fashioned procedures in dentistry that uses the conventional syringe,” Marketing Manager of Henry Schein in Holland Willem Kortland said.

“Vibringe introduces no additional steps but will improve the irrigation procedure by irrigating and activating at the same time. Since we have introduced Vibringe in Holland to our dentists, we’ve received an overwhelming level of response, interest and inquiries on this neat device. The demand for it has exceeded our wildest dreams,” Kortland added.

What do Vibringe users say?

One of the first to use Vibringe was Dr. Julian Webber from the United Kingdom, who is a well-known and respected endodontist. When he first used Vibringe Webber summed up his perspective with:

“It’s brilliant, simply brilliant!” After using the Vibringe daily for a few months, Webber commented that Vibringe is “a wonderful new advance in endodontic irriga-