From left: Yukari Aritake, Emiko Ota and Guido Jose Allignani, CDT, of Santa Fe, Argentina, at the Osada booth (No. 2910).

John Bonvini, left and Jason DeCosta of RGP Dental (booth No. 1015).

An attendee stops by Prophy Magic (booth No. 915) for product information.

Dr. Dennis Brave tours the GNYDM exhibit hall.

Keith Bateman of Fotona (booth No. 3433).

Kelsee Mikesell of Dani Dental Studio (booth No. 4112).

Tiffany Ly, left, and Jay Stempniak of Kerr Corp. (booth No. 4216).

Mike Heyn of Curve Dental (booth No. 1333).
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Chris Kern of Septodont (booth No. 3219).

Erik Espinosa, left, and Jeff Price of Flow Dental Corp. (booth No. 1110).

Mats Engstrom of JS Dental Mfg. (booth No. 3643).

Meeting attendees visit Medidenta (booth No. 916) to learn more about endodontic equipment and handpieces.

Meeting attendees gather around a presenter to learn more about implant dentistry Sunday morning during the Scientific Poster Session offered by residents and post graduate dentists.

Rune Fisker of 3Shape (booth No. 2626) demonstrates new scanning technology during a Sunday press conference.

A meeting attendee tries on some loupes at Designs for Vision (booth Nos. 2012/1813).

From left: Yinette Almonte, Edward Lopez and Janice Jean-francois of United States Navy Recruiting (booth No. 5130).

The team at Tri State Orofacial Myology (booth No. 5322).
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Philip Briales, left, and Amparito Caceres at the DentalEZ booth (No. 3409).

From left: Matt Carroll, Carmela Schaefer and Lenny Sulkis of Shofu Dental Corp. (booth No. 4408).

To find Allied Dental (booth No. 1626), look for the happy tooth.

Abe Wohl, left, and Ed Matthews of TAUB Products (booth No. 2706).

Dr. Marcy R. Levy, left, with Mark Eisen and Janine Hillier of DMG America (booth No. 3210).

Bill Coates, left, and Ted Kehagias of Midmark Corp. (booth No. 4609).

Robin Gathman of Planmeca USA (booth No. 5428).

Nancy Connor, left, and Tanya Beck of Roydent Dental Products (booth No. 3100).
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Expand your treatment modalities with gingiva-colored composites

New product developed as a functional extension to the existing Beautifil II line

By Shofu Staff

Modern patients are well-informed and demand highly esthetic yet minimally invasive and more affordable solutions.

To address the ever-growing needs of these patients, general practitioners seek products that are not only clinical problem-solvers but also have the ability to expand the range of treatment modalities in a simple and cost-effective manner, leading to practices’ growth and profitability.

Developed as a functional extension to the existing Beautifil II line, the Beautifil II gingiva-colored composites provide general practitioners with the ability to offer patients highly esthetic and long-lasting bioactive restorations more efficiently and at a lower cost.

Beautifil II gingiva-colored composites

- Cost-effective option for masking gingival deficiencies (gingival recession, wedge-shaped defects, lost papilla) and repairing/masking and characterization of crown and bridge (PFM) margins, implant abutments, removable full- or partial-dentures.
- Minimally-invasive and highly esthetic procedure. Save patient’s time, reduces treatment cost and offers instant recovery.
- Expand the range of treatments.
- Generate additional income for the general practice.

The gingiva-shaded modules of Beautifil II are highly filled (83 wt percentage), demonstrate excellent flexural and compressive strength (ca. 130 MPa and 320 MPa, respectively), maintain optimal color stability before and after curing, exhibit high luster and offer the same benefits of Giomer chemistry (release and recharge of fluoride and five other beneficial ions, ability to inhibit plaque formation and establish a stable pH in the oral environment), proven in eight-year and 13-year clinical studies.

Available in single syringes and PINK technique kit, the nano-hybrid Beautifil II gingiva-colored composites with bioactive Giomer chemistry provide life-like esthetics in a minimally-invasive and cost-effective manner. These novel materials make an excellent addition to the clinician’s armamentarium by expanding the range of treatment modalities that lead to increased patient satisfaction and practice profitability.

Conservative gingiva addition in creating natural esthetics — with Beautifil II and Beautifil II gingiva composites. Left is before and right is after. (Photos/Provided by Frank J. Milnar, DDS, AAACD)
The Future of Partials Starts Now
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High-tech cabinetry keeps practice connected

By Robert Selleck, today Staff

When you think of the heart of your operatory, maybe your cabinetry isn’t what first comes to mind. And maybe that’s a problem. But if you’re a Planmeca practice and one of 200,000 worldwide users of the company’s Planmeca Romexis all-in-one software platform, your cabinetry just might rank up there with a favorite handpiece, dental chair or scanning technology as central to your operation because of what it brings to the table — literally.

Planmeca is integrally linking its cabinetry into its expansive platform of operatory components and the technology that keeps everything connected.

It’s a timely convergence of the company’s 27 years of experience in designing and manufacturing operatory cabinetry with its ever-expanding commitment to developing a practice- and clinical-management software platform that tightly links virtually every digital dentistry tool.

“We’ve been able to integrate all of our technology with this Planmeca Evolution line of cabinetry to create a networked solution for our Planmeca scan system,” said Don Erickson, school and institutional sales manager for Planmeca USA. “It’s truly plug-and-play. You can go room to room with a single scanner.”

You can see a full mock-up of such an operatory in the Planmeca booth, No. 5428, in the GNYDM exhibit hall.

The 12 o’clock console has built-in USB 3.0 connections, Cat6 connections and medical-grade GFCI outlets. The central console has all of that plus it’s adaptable to any intraoral X-ray. The central console has all of that plus it’s adaptable to any intraoral X-ray. It also has a pass-through to enable neighboring operators to share the same X-ray. There are even dedicated X-ray apron hangers, so you’re not leaving aprons draped over the unit’s arm.

The central console includes a unique patient-care module. “There’s no need to leave the room to get sterilization supplies,” Erickson said. “That makes it very easy to turn over the room.” Sinks can be controlled hands-free or via foot pedal. Drawer inserts can be customized to precisely fit the tools and supplies you need — exactly where you need them.

All of the cabinetry components are fully modular to grow and evolve to fit a practice’s changing needs. But it’s the advanced technology, not the thoughtful storage and design concepts, that enable the line to essentially create a whole new category of cabinetry for the industry. The upgraded line represents a logical evolution of the company’s effort to provide seamlessly linked hardware and software throughout a Planmeca Romexis-based practice.

When every tool in the practice is easily linked into a shared digital platform, the benefits aren’t simply limited to cost savings and efficiencies. The setup enables every aspect of a tool’s use to be monitored. Whether it’s handpiece maintenance, scanning software updates or even when a waterline cartridge is due to be changed, the information is always being tracked so the practice is digitally notified of what needs to be done and when.

“It’s true integration,” Erickson said. “No matter what technology the doctor wants to bring into the operatory — it’s plug-and-play.”

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*Categories include: Cabinets, Lights and Units.

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A record total of 42 companies from the German dental industry are participating and exhibiting at this week’s Greater New York Dental Meeting (GNYDM).

This presence at the most renowned trade fair for dentistry and dental technology in the United States will be supported by the Federal Ministry for Economic Affairs and Energy (BMWi) in cooperation with the Association of the German Trade Fair Industry (AUMA), the Association of the German Dental Industry (VDDI) and Koelnmesse GmbH.

“This will be the biggest presentation of German dental companies to ever take place in North America,” said Uwe Beckmeyer, parliamentary state secretary to the federal minister for economic affairs and energy and head of the German delegation.

Beckmeyer views GNYDM as an opportunity to demonstrate the proficiency of German dental companies to American audiences. He believes it will reiterate the economic bond between the two countries. “It will testify to our many years of close economic relations with the United States,” Beckmeyer said.

The 900-square-meter German Pavilion is designed to showcase the dental industry’s state-of-the-art products and technologies. At the “Science Lab,” interactive displays allow visitors to engage with a wide assortment of process chains for tooth preservation, tooth replacement and computer-assisted laboratory work (CAD/CAM).

The GNYDM will also help to mark a special milestone in the history of the German dental industry. This year, the Association of the German Dental Industry (VDDI) is celebrating its 100th anniversary. “We want to celebrate this great event with our friends and partners from North America as well,” said VDDI executive director Dr. Markus Heibach.

With a record number of German participants in the GNYDM, there should be much to celebrate in the centennial year of the association.
When does work feel good?

When mind and body work hand in hand.

“To make work easier for dental technicians is what we really want.”

Our activities focus on people and their requirements. With this in mind, we develop practicable solutions which enable dental technicians to put their passion for detail into practice.

making work easy

“For me work feels good when I get the results I want quickly and easily!”

Jörg Richter
Master Dental Technician

www.renfert.com/makingworkeasy
What is the reputation of the German dental industry in the U.S. market?
Positive, I would say. Firstly, the claim “Made in Germany” has a lot of clout, and many German companies have been around for quite a while. Renfert, for example, just celebrated its 90th anniversary, which demonstrates a certain understanding of our customer base.

To be fair, most German dental products are not on the low end of the price scale and cannot be compared to some domestic manufacturers that prioritize price. However, customers are definitely willing to pay that little bit extra because of the benefits and advantages our products offer.

Value for money is an argument that resonates throughout the world, not just in the United States. That is probably the foremost reason that Renfert introduced its new slogan — “Making work easy” — this year. Through intelligent solutions, the performance, quality and durability of our products, and reliable service, we can help our customers’ work better and more efficiently.

How has the relationship between the German and American dental industries developed?
I conducted some research in this regard a few years ago and came to the conclusion that, through the drastic increase in the use of digital and social media, the ability and the desire to share information, views and opinions have grown immensely. Today, we can find out what dental technicians and dentists are doing in any part of the world. Such information allows companies like Renfert to respond more quickly to the needs of the different markets, and this ultimately results in a win-win situation for both the user and the industry.

How does Renfert regard the U.S. market?
The United States is very important to Renfert; it’s one of our top five markets. It is so important that we have developed new products just for the American market, like the Basic eco sandblaster.

This unit incorporates the same sandblasting technology as our other, larger units, is perfect for the smaller dental laboratory or practice and comes at an extremely competitive price.

What is Renfert looking forward to exhibiting at GNYDM?
We are extremely excited to be showcasing our class-leading equipment, instruments and materials to an appreciative audience of dental professionals at GNYDM.

We are particularly proud to be presenting our new SILENT compact and SILENT compactCAM dust collectors.

Attendees will also be able to view the new Basic eco compact micro-sandblaster with powerful blasting technology, offered at an attractive price-performance ratio. At the Renfert booth, we will be giving live demonstrations of the Easyclean ultrasonic and SYMPRO denture cleaning units.

Here in New York
To learn more about Renfert products, visit the German Pavilion, Hall 3E, booth No. 1417.
Prevention One is your key to maximum oral health. It combines personal dental care with professional oral hygiene plus individual coaching at the dentist's office. Your practice will attract more patients and gain more revenue. Learn more about this new business model at the Curaden USA booth (No. 3216) and visit www.prevention-one.com today.
A record 42 German dental companies are exhibiting their products and services here at the Greater New York Dental Meeting (GNYDM). Ahead of GNYDM, today spoke with Rolf Kleiner, area sales manager for Schick Dental, about the importance of the relationship between the German and American dental industries.

What are the strengths of the German dental industry, and how are these relevant for the U.S. market? Some things that immediately come to mind are our reliability and decades of experience. Germany is a leader in dental technology, with state-of-the-art products as well as an emphasis on tradition, with family businesses often being operated by the second or third generation. These things can easily be adapted to the U.S. market.

How do you see the relationship between the German and American dental industries progressing? The 2016 GNYDM will be the largest presentation of German dental technology ever in North America. This is a clear statement of our close economic cooperation and the will to cement ties.

What can Schick Dental offer the American dental industry? How important is this market to your company? Since 1963, Schick has stood for innovation and premium products for dental technicians. Our focus is on user-oriented, practical solutions, developed in close collaboration with leading dental technicians and customized for each market.

With more than 50 years of experience, Schick is well able to address all requests from this very special and important market. We are attending several shows in the United States this year, and the 2016 GNYDM is the most important one. The centennial of the VDDI and the Science Lab — a special future-themed show — will be highlights, as we will be given the opportunity to present our company’s expertise to the broader public — in a unique manner! The U.S. market is a very tough and competitive one, but Schick Dental’s exceptional products and skills are a key advantage.

What products will Schick be exhibiting at GNYDM? We will be presenting visitors with QUBE, our latest development in laboratory motor technology. As a leading innovator in the dental industry, we have set a new benchmark in optimizing and perfecting the laboratory workstation with QUBE.

At the heart of the system is an intelligent operating satellite controlled by a touch-sensitive surface. All functions and parameters can be called up and controlled with this satellite.

Other products we are pleased to be showcasing include the G2 Concept saw, with its segmented diamond saw blade and line-marking laser, the brushless Q Basic laboratory handpiece system and L Protect, the ultimate combination of glass-based protection and illumination.
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During the Greater New York Dental Meeting, today Staff had the opportunity to interview Martina Strasser, global head sales healthcare of Sulzer Mixpac.

The German company Geka has been a part of the corporate family since July 2016. What synergies does that mean for Sulzer and how does it benefit your clients?

Geka is a leading manufacturer of application systems in cosmetics as well as healthcare. For our dental clients, this takeover means that new know-how and extensive experience will enrich our development sector.

The applicator portfolio will include several innovative products, which fit perfectly with the new core competence at Sulzer Mixpac, namely the controlled application of fluids on small surfaces. This will also strengthen our position as technology leaders.

Sulzer’s and Geka’s production sites complement each other even geographically, to win the global competition as a leading provider of solutions. The company has about 900 employees and two production sites in Germany, one in the USA, another in Brazil. Sulzer Mixpac has doubled its turnover through this acquisition.

You develop high-quality dental solutions – dosing, mixing and application systems for single — and multiple-component materials — in close cooperation with dentists. How does this work?

We work primarily in focus groups with opinion leaders from various markets, such as Switzerland, Germany, Austria and Brazil, who provide solutions directly from practice. We evaluate these carefully and implement the promising ones. We test prototypes with these users. Some of them even write professional articles or deliver lectures about their conclusions.

Sulzer Mixpac is known for manufacturing its products in Swiss quality. What international specifications/norms/standards is your work based on?

We produce in accordance with the Good Manufacturing Practice (GMP) quality assurance guidelines, the EN ISO 14644 for clean rooms and corresponding clean room areas and the ISO 13485 for the design and manufacture of medicinal products. The raw materials used by Sulzer — all medical grade synthetics — are listed at the FDA and fulfill the highest standards.

Sulzer has been combating copies of protected mixing tips for a long time — for the benefit of patients and dentists. DXM CO. LTD. and Dentazon Corp. are not permitted to exhibit their similar products at GNYDM.

What are the risks here?

Sulzer is a systems supplier — our products are marked by their perfect interplay. This argument signifies safety for the patient. Our systems function reliably. Poorly blended or improperly cured materials cause high costs while defective and poorly fitting work damages the dentist’s reputation. It’s just not worthwhile to risk the patient’s wellbeing for such a small savings.
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Featuring Live Patient Scanning
11:00 am to 1:00 pm
Monday, November 28 through
Wednesday, November 30
2 CE credit opportunity*

The Dental Community Cares!
Henry Schein and GuardLab will provide local athletes from underserved communities with custom mouthguards, digitally designed using innovative, 3D intraoral scanning technology. Stop by and be part of this outreach event and demonstration!

Visit the Henry Schein Pavilion for the hottest trends in dentistry.
Located at the Crystal Palace entrance outside the exhibit floor. Also, visit our main booth #4225 inside.

*CE credits will be provided by Greater New York Dental Meeting. No CE credits are being offered or provided by Henry Schein.
Henry Schein offers solutions, events designed to make the delivery of oral care more efficient

By Henry Schein Staff

Henry Schein, Inc., is offering a range of new solutions and events here at the Greater New York Dental Meeting, designed to help oral-health professionals operate a more productive practice and more efficiently provide care to patients.

Henry Schein’s presence at the meeting, today through Wednesday at the Jacob Javits Center in New York City, includes a rich line-up of activities promoting technological advances in dentistry and insights from thought leaders.

The company also is sponsoring a special event to help underserved New York City children involved in athletics receive custom-fit protective mouthguards, as well as a social media campaign that will feature noteworthy leaders in the dental profession, including Henry Schein Chairman and CEO Stanley M. Bergman.

“At this year’s Greater New York Dental Meeting, Henry Schein is excited to offer practitioners direct access to industry thought-leaders who will discuss the future of dentistry and how to navigate change,” said Tim Sullivan, president, North American Dental Group, Henry Schein. “The meeting will also be an opportunity for Henry Schein and our partners to demonstrate how we continue to innovate by enhancing the interoperability of products and practice management software to help practitioners connect all things digital. Henry Schein is also committed to serving society, and we are pleased to host student athletes from New York City who will be receiving custom-fit mouthguards to help support their safety on the playing field.”

Henry Schein announced three new scanning partners that have become members of the Dentrix Developer Program by integrating their digital impression scanners with Henry Schein Dentrix practice management software via the Digital Dental Exchange (DDX™) OS, a web-based service that enables practitioners to quickly and efficiently exchange and manage casework with a laboratory partner.

Planmeca PlanScan Scanner®, 3Shape TRIOS® intraoral scanner and 3M™ True Definition Scanner will now have the ability to place a record of their intraoral scans into patients’ charts in the Dentrix® practice-management system. All three scanners will be on display at the Henry Schein Dental booths Nos. 4225 and 4627 and each of the partner’s respective booths (Planmeca: No. 5428; 3Shape: No. 2626; and 3M: No. 4618).

Live events

Henry Schein will once again feature a 1,000-plus square foot pavilion at the Crystal Palace entrance outside of the exhibition hall where live scanning with Planmeca PlanScan Scanner®, 3Shape TRIOS® intraoral scanner and 3M™ True Definition Scanner will take place (a two C.E. credit opportunity). The scanners will be used to create custom-fit mouthguards for New York City schoolchildren, courtesy of GuardLab, a revolutionary custom mouthguard company that uses 3-D scanning and 3-D printing technologies to provide custom-fit mouthguards for athletes. The children, pre-identified by non-profit organizations – Right to Play and Big Brothers Big Sisters of New York City – will receive mouthguards from 11 a.m. to 1 p.m. today to Wednesday.

The pavilion will also serve as a broadcast center, featuring #ScheinChats, a social media series available on Facebook Live that will focus on the future of dentistry and offer perspectives from the next generation of oral-health professionals.

Kicking off this series will be Stanley M. Bergman, chairman of the board and CEO, Henry Schein, and Sohaib Soliman, president, American Student Dental Association, who will talk about the future of dentistry today at 11:30 a.m.

To learn more about Henry Schein’s latest solutions, visit the Henry Schein Dental booths Nos. 4225 and 4627.

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Combining equipment, ergonomics to enhance patient experience

By Midmark Staff

Whether assessing existing operatories or designing a standardized blueprint for a new dental practice, there are a few key factors dental professionals should consider to help ensure an effective dental space. Creating a successful practice is not only about having the right equipment, it’s also about knowing how to use it in the right way.

Having the right type of equipment within the clinical environment can increase the level of comfort and safety and enhance the delivery of care. Necessary equipment for all operatories includes the overhead lighting and patient chair, which are both vital instruments used in every patient visit. By gaining a better understanding of this equipment, dental professionals will uncover opportunities to improve efficiency and, ultimately, patient care.

Factors to help ensure an effective dental space that is conducive to the delivery of high-quality care include:

Operatory lighting

Overhead lighting plays a major role in ensuring quality dentistry. It is important to have overhead lighting in the operatory that provides both the dentist and assistant with an even distribution of light in the oral cavity to help eliminate shadows, match shades, identify details and diagnose tissue.

Proper lighting provides the clinician with not only better visibility into the oral cavity but also has the ability to help reduce eye strain on the part of the clinician. Eye strain may lead to reduced productivity and other eye issues later in the clinician’s career.

Many of today’s dental lights, such as the Midmark Dental LED Operatory Light, feature high-powered LEDs that remain safe and cool to the touch as compared to halogen lights. With its advanced design, the Midmark Light provides the ultimate experience with less heat generation and a longer lifespan, according to the company. Color temperature on halogen lights tend to vary when adjusting the intensity, while LEDs hold a consistent color temperature.

Patient chair

Patient comfort is one of the most important factors in creating an ideal patient experience. The chair is where a patient will spend most — if not all — of his or her time during an appointment. No matter how long a patient spends reclined, chairs must be designed to offer premium patient support and comfort. Dental chair designs have significantly improved in recent years, focusing on the comfort level of patients, dentists and clinicians.

The ideal chair for any dental practice looking to enhance the level of care is one that is designed to synchronize, or move, with the human body and reduce patient anxiety. For instance, Midmark’s Elevance® Dental Chair eliminates the need for the patient to readjust by offering a sculpted backrest to accurately position the patient’s neck and integrated armrests to support the patient’s upper body. It even features a built-in heat and massage system to further relax the patient during the exam.

In addition to comfort for the clinician, there are two important elements that need to be considered — the ergonomic positioning of the operator and the positioning of the patient in relation to the operator.

When choosing a chair, ensure there is enough access under the chair to work comfortably in normal operating positions. The design of the chair back is also key to proper clinician positioning and patient access. Rotating the chair allows further flexibility to help ensure the clinician has good visibility in the 11 and 12 o’clock positions while still maintaining access to cabinets and instruments. Newer chairs have electronic rotation systems that make it easy to rotate the chair instead of having to struggle with the older manual rotation release levers.

Considering the amount of hours clinicians spend working within the patient’s oral cavity, design of the dental chair should expand the range of travel in order to maintain optimal access. For example, the Elevance Dental Chair features a unique Cantilever Forward® design, allowing for unsurpassed range of travel and greater flexibility whether seated or standing, according to the company.

The chair’s seat height can be lowered to 15 inches and extended to 34 inches, allowing clinicians to bring the patient to the desired height needed for a proper exam. Optimal access is also crucial for maintaining an ergonomically correct working posture and maximizing performance, thus reducing the strain on the backs, shoulders, arms and wrists of the practitioner.

Midmark dental products

With the help of Midmark’s integrated portfolio of dental equipment, dental professionals can combine the right equipment with the appropriate ergonomic principles to further enhance the patient experience, according to the company. Dentists who can improve the overall effectiveness of their operatories will be in a better position to deliver efficient, high-quality patient care.
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Curaden aims to help patients reduce gingivitis and tooth loss with a host of innovative products.

By Curaden Staff

Swiss-based Curaden is the only company that, in addition to manufacturing premium oral-care products, empowers patients to manage their oral health themselves by providing them with the necessary knowledge and skills.

The corporate philosophy combines the company’s innovative CURAPROX products, the knowledge gained through its ITOP (individually trained oral prophylaxis) dental educational and motivational system, and the practical Prevention One concept for dental practices. Gingival inflammation burdens the immune system and is an important factor of several chronic diseases, such as diabetes and heart disease.

Curaden’s goal is to reduce the prevalence of gingivitis, periodontitis and tooth loss. In order to support this approach to dental prevention, the company has developed a high-quality range of oral hygiene products. These include toothbrushes that are gentle yet effective, interdental brushes, single-tufted brushes, dental floss and enzymatic toothpastes that are free of sodium lauryl sulfate and help to inhibit the production of dental plaque.

The CURAPROX brand was recently launched in the United States and is fast becoming very popular. CURAPROX sales are increasing rapidly owing to a focus on quality, functionality and design. For example, the new whitening toothpaste Black Is White is unique.

How to achieve proper oral hygiene

It provides safe and effective whitening with activated carbon and uses hydroxyapatite to re-mineralize the tooth enamel. Curaden also has a wide range of biofunctional products for use with babies, children and the elderly, who all have special needs.

Dale Johnson, vice president of the dental division at Curaden USA said: “We have received great feedback from dentists, hygienists and pharmacists, who recommend our products to consumers. At Curaden, we think further. We have the vision that better health for all people will be achieved through proper oral hygiene.”

Effective oral hygiene tools

To be effective, a toothbrush head should be small and at a slight angle to reach critical areas, according to the company. The bristles should be fine so that they are gentle and clean teeth properly and along the gingival margin. The handle must make it easy to position the toothbrush correctly at about a 45-degree angle, half on the gingiva and half on the teeth. The gingival margin is just as critical as the teeth because bacteria often accumulate there.

Most toothbrushes have around 1,200 bristles, which are thick and made of nylon. With 5,460 ultrafine bristles, the CURAPROX CS 5460 is unmatched in softness and effectiveness.

The CUREN® filaments that form the fine bristles are individually stiffer than nylon. Additionally, they remain as stable when wet as when they are dry, and the sheer density of the bristles enables tremendous brushing efficiency. With its sleek, stylish body and wide assortment of colors to choose from, the CS 5460 toothbrush is unmatched in both aesthetics and function. This brush is especially well suited for patients with gingival recession and bleeding, sensitive gingiva caused by periodontitis.

Just brushing one’s teeth results in cleaning about 70 percent of the surface of the teeth. Though it is a decent start, it is, by itself, insufficient for maximizing oral health. The interdental spaces remain largely untouched and prone to the development of caries, gingivitis and periodontitis. Research has confirmed that the interdental brush currently represents the primary and most effective method available for interproximal cleaning.

The CURAPROX CPS prime is the finest, most durable interdental brush available and will clean the entire interdental space effectively and without risk of injury, the company asserts.

Whereas a product like dental floss may miss small niches between teeth, the umbrella effect of the CPS prime means that the brush’s fine bristles expand to fill the entire gap between each tooth. The patented and exclusive CURAL® surgical wire used for the interdental brush is ultrathin and extremely strong, and its nickel-free composition makes it suitable for patients who suffer from metal allergies. The CPS prime is an integral part of any successful oral health-care routine, according to Curaden.

Black Is White

In spring 2015, the world of whitening toothpastes underwent a seismic shift with the introduction of Black Is White toothpaste from CURAPROX. By utilizing the power of activated charcoal for tooth whitening, the toothpaste removed discoloration without abrasion or bleaching. This revolutionary method has proved to be extraordinarily successful, as more than 1 million tubes of Black Is White toothpaste have been produced.

Curaden USA is proud to introduce Black Is White, which does not contain sodium laurel sulfate, an aggressive foaming agent found in many toothpastes, nor any plastic particles. Instead, the toothpaste uses an enzymatic system that has been proven to be beneficial, the company asserts.

These enzymes naturally occur in the saliva, providing strong protection against bacteria, fungi and even the development of dental caries. Among the toothpaste’s active ingredients are sodium fluoride and hydroxyapatite. The latter works by remineralizing the enamel and can prevent early lesions from progressing to active caries. In both form and function, Black Is White toothpaste stands out as an unparalleled dental experience, one that CURAPROX is proud to offer.
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Patients' and dentists' love of Solea® keeps on growing. As the #1-selling, all-tissue laser, Solea delivers reliably anesthesia-free, blood-free, suture-free, and pain-free procedures. It helps eliminate three major fears patients have when going to the dentist - noise, needle, and numbness. Patients love the experience and so will you because Solea is changing what it means to go to the dentist.

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A new generation of core build-up material

By Kettenbach LP Staff

Visalys® Core, made by 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 the most recent 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 keep using 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 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 dependable strength even on the cavity floor and in root canals. 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, Futar Bite Material and Silginat Alternative Alginate, Visalys Temp Material and Visalys Veneers.

Here in New York

For more information or to check out Visalys Core for yourself, visit www.kettenbachusa.com or stop by the booth, No. 3537, or the German Pavilion, Hall 3E, booth No. 1519.
NEW

LED WireLess™ & LED WireLess Mini™

New Nike Run frame shown with LED DayLite® WireLess Mini

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@Designs4Vision #LoveMyLoupes
St. Renatus touts FDA approval of Kovanaze nasal anaesthetic spray

By St. Renatus Staff

St. Renatus, LLC, a privately held company based in Fort Collins, Colo., recently announced it received U.S. Food and Drug Administration (FDA) approval on June 29 for its first product, a new dental anesthetic, Kovanaze™ (tetracaine HCl and oxymetazoline HCl) nasal spray. This is the first product that allows for dental anesthesia to be administered through a nasal spray without using a needle.

“For more than 100 years, the dental industry has delivered dental anesthesia using a needle injection. Now, through the efforts of a dedicated team, we have developed a revolutionary needle-free method for delivering regional anesthesia,” said Steve Merrick, St. Renatus’ CEO.

Kovanaze is intended for dental use as a local anesthetic, delivered via nasal spray, to achieve regional anesthesia for restorative treatment of maxillary teeth 4-13 or A-J in patients 40 kg or more.

To learn more about Kovanaze and order the product for your office, stop by booth No. 5040 at the Greater New York Dental Meeting, visit www.kovanaze.com or call the Kovanaze Support Line at (800) 770-9400.

‘For more than 100 years, the dental industry has delivered dental anesthesia using a needle injection. Now, through the efforts of a dedicated team, we have developed a revolutionary needle-free method for delivering regional anesthesia.’
You know what it takes to make your restoration undetectable.

Introducing Harmonize™—the next generation composite infused with Adaptive Response Technology.

Harmonize™
Nanohybrid Universal Composite

Together, we’re more.”
BIOLASE presents new Epic Pro Diode Laser

Offers ‘the most laser power of any diode laser in dentistry’

By BIOLASE Staff

BIOLASE, Inc., a global leader in dental lasers, recently announced it will be previewing Epic Pro™, an all-new, innovative dental diode laser system this week at the Greater New York Dental Meeting at the Jacob Javits Convention Center in New York City.

The Epic Pro, which the company states offers the most laser power of any diode laser in dentistry, is the first product to be introduced resulting from BIOLASE’s strategic development agreement with IPG Photonics. The newest addition to the Epic family of dental soft-tissue lasers, Epic Pro features several new innovations that are industry-firsts:

• A new super pulse technology for more precise, enhanced laser tissue cutting.

• Pre-initiated, bendable, disposable tips with smart tip technology to ensure tip performance and quality.

The new systems will provide even more predictable, minimally invasive solutions for soft-tissue management than is currently offered by its market leading Epic X product and other diode lasers on the market, the company asserts. It represents the first premium grade diode laser from BIOLASE and an important example of the kind of innovation BIOLASE is working on, both with IPG and through its internal product development efforts, according to BIOLASE President and CEO Harold C. Flynn, Jr. “The introduction of Epic Pro is an important milestone for our company. We are proud to be expanding our diode laser range to incorporate new innovations that will allow dental professionals to manage soft tissue with lasers in a way that no other diode laser has achieved,” Flynn said. “Epic Pro represents our ongoing commitment to elevating the standard of care in dentistry and achieving better patient reported outcomes while enabling clinicians to realize better business returns. We are very excited about the possibilities offered to our customers by this new technology addition to our portfolio.”

The Epic Pro laser system is currently undergoing premarket notification review by FDA for dental and surgical operations, intended for use in contact and non-contact techniques for incision, excision, vaporization, ablation, hemostasis or coagulation of intraoral and extra-oral soft tissue (including marginal and interdental gingiva and epithelial lining of free gingiva). It is not yet available for sale within the United States.

Visit the BIOLASE booth, No. 422, in New York City to preview the company’s breakthrough in soft-tissue laser technology.

About BIOLASE, Inc.

BIOLASE, Inc., is a medical device company that develops, manufactures, markets and sells laser systems in dentistry and medicine and also markets, sells and distributes dental imaging equipment, including digital X-rays and CAD/CAM scanners. BIOLASE’s products are focused on technologies that advance the practice of dentistry to both dentists and their patients.

Fill-Up!™
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fill-up.coltene.com

Visit us at NY Dental Society Booth #4016
Fixed and removable implant restorations: A solution for every arch

By Paresh B. Patel, DDS

When a patient presents with an edentulous arch or terminal dentition, implant treatment can be provided that improves not only form and function but also quality of life. For patients desiring better chewing capability, stability, esthetics and comfort than a traditional denture can offer, both removable and fixed implant restorations are superior alternatives.

As evidenced by the case that follows, in which one arch is restored with an implant overdenture and the other with a BruxZir® Full-Arch Implant Prosthesis, practitioners today have a great deal of clinical flexibility.

Case presentation

A 47-year-old male presented with terminal dentition in both arches resulting from periodontal disease and severe caries (Fig. 1). He had saved up enough money for a fixed implant restoration for his upper arch, for which he desired the most stable, functional prosthesis possible.

While he couldn't afford such a restoration for both arches, he wanted a retentive appliance for his mandible. The patient accepted a treatment plan in which his maxilla would be restored with a BruxZir Full-Arch Implant Prosthesis and his mandible with an Inclusive® Locator Implant Overdenture.

At the surgical appointment, the patient's remaining teeth were removed. Four Inclusive Tapered Implants (Glidewell Direct; Irvine, Calif.) were placed in each arch. Inclusive Multi-Unit Abutments (Glidewell Direct) were attached to the maxillary implants, correcting for their divergent angulation. Having achieved sufficient primary stability, the implants placed in the patient’s maxilla were loaded with an immediate denture, satisfying the patient's desire to leave the surgical appointment with a fixed maxillary prosthesis in place.

A lower immediate denture was modified and relined to seat over the mandibular implants during healing. The final radiograph taken after seating the temporary appliances confirmed excellent positioning of the implants (Fig. 2).

Three and a half months later, VPS impressions were taken. The restorative protocol for both prostheses included wax rims and setups. After final approval of the wax setups, a custom-tray final impression was taken of the maxillary arch to ensure the prosthetic design was accurate before milling the final restoration from monolithic zirconia.

The lab fabricated the final lower appliance, including denture caps that provide retention and stabilize the prosthesis. Based on the custom-tray final impression, the maxillary prosthesis was designed using advanced dental CAD software, and a provisional implant prosthesis was milled from PMMA.

At the following appointment, the Inclusive Locator Implant Overdenture was seated and checked for proper fit and function. Then the provisional implant prosthesis was screwed into place, and its teeth positioning, function and esthetics were verified.

With both appliances in place, the interocclusal relationship was checked and minor adjustments made. The patient wore the provisional full-arch implant prosthesis for a trial period of two weeks to verify the accuracy of the design before it was returned to the lab.

The final BruxZir Full-Arch Implant Prosthesis was digitally fabricated with precision and, as an exact reproduction of the test-driven provisional, fit perfectly and offered the esthetics and function the patient had come to expect (Fig. 3).

The final restoration effectively addressed the unique circumstances of the case, providing the most durable, stable prosthesis possible for his upper and a lower restoration that greatly improves prosthetic retention.

Fig. 1: Preoperative condition of the patient. Note the high lip line, severe cervical decay present on the patient’s remaining teeth and lack of gingival support. (Photos/Provided by Glidewell Laboratories)

Fig. 2: Postoperative panoramic radiograph illustrates All-on-4 configuration of maxillary implants and axial placement of the mandibular implants, which would facilitate a passive fit of the lower overdenture.

Fig. 3: The final BruxZir Full-Arch Implant Prosthesis completes a dramatic oral reconstruction for a patient who presented with terminal dentition, restoring form, function and quality of life.
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‘Evolution solution’ for dental consoles

New line features technology integration

By Planmeca Marketing Staff

In a typical workday, a clinician or staff member can easily spend a total of two, four or more hours working at, or with, a dental console — that’s a lot of use.

While dental cabinetry units are an integral part of a dental office, they have received little in advancements — until now.

As one of the leaders in development and innovation within the dental industry, Planmeca looked at ways to improve dental cabinetry by streamlining technology integration and adding new design elements.

The result: Planmeca Evolution™ dental consoles, a new line of consoles featuring 12 O’Clock, Central Island and Side console units.

Working smarter is what it’s all about. Planmeca Evolution Dental Consoles help you do that by ushering in digital connectivity through tech features like Ethernet and 3.0 USB connections, PlanScan® digital CAD/CAM scanner integration (12 O’Clock console), CPU storage, LED lighting and medical grade duplex GFCI outlets.

If your dental console(s) can’t “connect” with your digital equipment, then your practice is not operating at full efficiency.

Planmeca Evolution Dental Consoles are designed to embrace digital technology by providing a platform to integrate dental units, CAD/CAM systems, intraoral sensors along with monitors, CPUs and other devices.

Planmeca Evolution Dental Consoles improve clinician efficiency through connectivity, advanced designs, improved organization, lighting and ergonomics, according to the company.

Product advancements, efficiency, flexibility and durability all contribute to the optimization of your practice’s workflow.

In addition to the technical advancements and efficient designs, Planmeca Evolution Dental Consoles are reconfigurable. Their flexibility extends to interior spaces with storage organizers, adjustable shelving, partitions and ability to integrate new technology advancements as they develop or as a practice expands.

Durability is achieved through quality materials and construction, powder-coated steel sub-bases, aluminum and steel infrastructures, Corian® counters/work surfaces and resilient, laminated exteriors. Available options allow you to tailor your console(s) to your needs, providing a strong working solution for your practice.

Planmeca Evolution Dental Consoles, along with Planmeca dental units and imaging systems are the cornerstones of a modern dental practice. Is your practice built for the future?

To learn more about Planmeca Evolution Dental Consoles and Planmeca dental equipment, visit www.planmecausa.com for the latest product images and details.
We heard you loud and clear—nothing beats cash rebates on premium sterilizers. That is why **MAX is back**! Designed to provide the maximum capacity, speed, simplicity, reliability and efficiency of any tabletop sterilizer, our line of automatic sterilizers offers everything you need from a trusted brand. Now through December 31, 2016, dental professionals can earn MAX savings of up to $1,000 on Midmark sterilizers!

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**TIMING:**
- Promotion order period: October 1 – December 31, 2016
- Last date to invoice and take shipment of products: January 16, 2017
- Last date to claim rebates: January 31, 2017
- Deadline to return donation sterilizer to Direct Relief*: February 28, 2017

**DONATION OFFER**
- **$200 REBATE**
  - For each eligible Midmark sterilizer purchased, dental professionals can receive the rebate offer listed above plus an additional $200 REBATE when you donate a sterilizer to Direct Relief*.

*Eligible Models: M11-020, M11-021, M9-020, M9-021, M3-001, M3-002

Visit us at GNYDM booth #4609
[MIDMARK.COM/GNYDM2 | 1-800-MIDMARK]
The LED DayLite WireLess and the new LED DayLite WireLess Mini headlights can integrate with various platforms, including existing loupes, safety eyewear, lightweight headbands and future loupes or eyewear purchases. (Photo/Provided by Designs for Vision)

Cordless, compact LED headlights can work with all your loupes and frames

By Designs for Vision Staff

- Designs for Vision’s new LED DayLite WireLess™ Mini and LED DayLite® WireLess™ not only frees you from being tethered to a battery pack, but the simple modular designs also uncouple the headlights from a specific frame or single pair of loupes.

Prior technology married a cordless light to one pair of loupes via a cumbersome integration of the batteries and electronics into the frame. The compact design of the LED DayLite WireLess headlights are independent of any frame/loupes.

The patent-pending design of the LED DayLite WireLess headlights is a new concept: a self-contained headlight that can integrate with various platforms, including your existing loupes, safety eyewear, lightweight headbands and future loupes or eyewear purchases.

The LED DayLite WireLess or WireLess Mini is not limited to just one pair of loupes or built into a single, specific eyeglass frame. The LED DayLite WireLess headlights can be transferred from one platform to another, expanding your “WireLess” illumination possibilities across all of your eyewear options.

The LED DayLite WireLess Mini weighs less than 1 ounce and, when attached to a pair of loupes, the combined weight is half the weight of integrated cordless lights/loupes.

The LED DayLite WireLess produces more than 40,000 lux at high intensity and 27,000 lux at medium intensity, while the intensity of the LED DayLite WireLess Mini is 27,000 lux. The spot size of each of the LED DayLite WireLess headlights will illuminate the entire oral cavity.

The LED DayLite WireLess is powered by a compact, rechargeable lithium-ion power pod. The WireLess Mini is powered by specialty rechargeable lithium-ion cylindrical cells. Both LED DayLite WireLess headlights come complete with three batteries/battery pods. The charging cradle enables you to independently recharge two batteries/battery pods at the same time and shows the progress of each charge cycle.

Designs for Vision is also featuring the Reality-5 Star-rated Micro 3.5EF Scopes, which use a revolutionary optical design that reduces the size of the prismatic telescope by 50 percent and reduces the weight by 40 percent, while providing an expanded-field full-oral-cavity view at 3.5x magnification.

The Micro Series from Designs for Vision is fully customized and uses the proprietary lens coatings for the greatest light transmission.

You can see the Visible Difference® yourself by visiting Designs for Vision’s booths, No. 1813 and No. 2012, at the GNYDM.
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HARMONIZE

Harmonize™ begins with ART. Adaptive Response Technology, a nanoparticle filler network that helps you achieve lifelike restorations with more ease and simplicity than ever. With better blending capabilities and enhanced structural integrity, the ART of Harmonize provides your restorations with exceptional strength and unmatched esthetics, according to Kerr, the company behind the product.

With the ART filler system, Harmonize diffuses and reflects light in a similar way as human enamel. This leads to an enhanced chameleon effect for better blending and improved esthetics overall. Additionally, the particle size and structure is designed to offer superior gloss retention and lasting polishability compared to leading composites, according to the company.

For more information, go to KerrHarmonize.com or stop by the Kerr booth, No. 4216, here at the Greater New York Dental Meeting.

FILL-UP! DUAL-CURING BULK COMPOSITE

Fill-Up! is a dual-cured, flowable composite with antibacterial zinc oxide that is used for bulk-fill posterior restorations. Unlike light-cured bulk fills, the dual-curing attributes of Fill-Up! enable fillings of unlimited depth to be placed and cured in a single step. Large cavities that are filled with just one layer are generally subject to high shrinkage forces upon curing with light only. However, with Fill-Up!, there is no need to worry about thorough curing because the composite has both light cure and chemical cure properties. The dual-cure approach assures thorough and gentle curing coupled with minimum shrinkage stress, which alleviates microleakage and sensitivity.

Fill-Up! has been developed for those indications that demand fast, esthetic and tooth-colored restorations. Thanks to its chameleon effect, the universal VITA™ A2/A3 shade adapts to every situation and saves time on shade management.

For finishing, Fill-Up! effortlessly polishes to a high gloss shine and displays a very low surface roughness after polishing that is comparable with light-cured composites.

To learn more about Fill-Up!, visit COLTENE at booth No. 4016 here at the Greater New York Dental Meeting.

Support a Dental Meeting that Supports the Dental Community

As a non-profit organization, the Hinman Dental Meeting proceeds are gifted as scholarships to dental, hygiene, assisting and laboratory technician students. Our focus has always been about providing the very best education possible for the entire dental team. Support a meeting that supports the future of our profession and the changing face of dentistry. Join us this March to see for yourself and discover the Hinman experience.

Registration opens December 1st. Visit Hinman.org to be added to our mailing list or for more information.
As industry products and technology advance at a continually fast pace, new procedures and methods are implemented. The focus at TAUB Products in their 65th year, is to keep pace with these advances by offering products that offer the best results possible, through simple and easy integration, no matter how doctors practice dentistry.

From no-prep restorations to full mouth reconstruction, Taub Products continually offers the best results. A good example is Fusion-Zr Resin Cements. These esthetic cements allow dentists to offer their best practices, by featuring ease of use, and fast cleanup. "My patients expect my restorations to pop," says Ross Nash DDS of the Nash Institute in Charlotte North Carolina. "They can't just be good, they need to be the best. I get best results when using Fusion Zr Resin Cements."

Taub also offers Zero-G™ Bio-Implant Cement. According to Ed Matthews Vice President of Sales Taub Products, Zero-G "is retrievable cement for permanent cementation of implant restorations. It has the highest radiopacity which makes excess cement more visible. It's handling characteristics allows best clean up".

Liquid Magic™ Resin Barrier Material is used for implant and cosmetic dentistry, to fill abutments easily. Liquid Magic™ is placed into an abutment, and then light cured. Liquid Magic™ can also be used to protect implant screw retained components or anywhere isolation is desired.

Taub launched two major new products in 2016. The first is Ca-Lok™ Flowable Adhesive Calcium Base/Liner. Ca-Lok™ is a light-cured, calcium-filled resin with adhesive to tooth structure, and seamless compatibility to other restorative materials. Ca-Lok™ is radiopaque and releases calcium and fluoride. Ca-Lok™ is used as a protective liner and its tooth integrating feature allows Ca-Lok to stay in place. It can be placed under restorative materials, and cements, for many types of cavity preparations. With it's flowable viscosity and unique handling characteristics, Ca-Lok™ achieves precise placement and control.

The remarkable hydrophilic / hydrophobic properties presented during placement and light curing, creates adhesion to tooth structure, which prevents micro leakage, and eliminates sensitivity.

The next innovation introduced by Taub Products in 2016 is Go-CHx Gel syringeable Chlorhexidine. It is a thin, non-alcohol based gel containing 0.8% Chlorhexidine in a water soluble formula. Because of its water solubility, and low viscosity, Chx Gel can be applied to dental restorations outside of the mouth without affecting bond strengths. It can also be used as a cleansing agent. Go-CHx gel, is provided in easy to use syringes with flock tips to precisely deliver the gel to the intended areas.

Please celebrate with us at Booth #2706 for Taub Products 65th anniversary celebration at the 2016 Greater New York Dental Meeting.

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Microdent showcases implant systems

**Dental implant manufacturer**
Microdent Implant System is here at the Greater New York Dental Meeting, introducing its line of FDA-approved implant systems. Microdent has participated in three years of GNYDM, where it has sponsored several days of scientific lectures by well-known opinion leaders.

Among its products, Microdent will have on display at booth No. 3516 are the following.

**Microdent GENIUS: Tapered internal connection implant**
- Tapered implant
- Platform switching
- Multi-platform
- Cost reduction in prosthetic stock
- Biological sealing
- h4 thread pitch.

**Microdent EKTOS: Hexagonal internal connection implant**
- Optimal sealability
- Multifunctional abutment included
- Double entry external threading
- ATEC surface treatment
- Anatomical threaded profile.

**Microdent EXPANDERS: Atraumatic bone expansion device and technique**
- Developed by Microdent in 1997
- Non-traumatic use
- Ideal for thin crests
- Bone compactor
- Expansion control
- Aids osseointegration
- Universal application.

**Here in New York**
Take advantage of Microdent’s promotional offers by stopping by the booth, No. 3516.

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**KIDZ SEAL-AMERICA**

TAUB Products, a long-time manufacturer of dental consumable products, announced the launch of Kidz Seal America here at the Greater New York Dental Meeting.

Kidz Seal America is a pit and fissure sealant that can be used in either a dry or wet field. It is tooth integrating, which does not allow microleakage and offers long-lasting retention.

Kidz Seal is low-viscosity and self-adjusting so no additional occlusal adjusting is needed.

“Kidz Seal is great for public health sealant programs, school-based programs, expanded function and pediatric dentistry,” said Jordan Taub, executive vice-president at TAUB Products. “It is a great way to help us celebrate our 65th year in business.”

Kidz Seal America comes in a package containing four 1.2 ml syringes and 20 tips and is available through authorized dental dealers nationwide.

To check out Kidz Seal, stop by the TAUB booth, No. 2706, here at the Greater New York Dental Meeting.