Check us out

By Fred Michmershuizen, today Staff

It’s the 2014 Greater New York Dental Meeting, and judging by the many exciting offerings available on the exhibit hall floor, it’s shaping up to be one of the most memorable events of the year. The New York meeting, billed by organizers as the largest dental exhibition in the United States, features products and services from hundreds of exhibiting companies. Here’s a small sampling of what’s new and exciting this year.

Biolase (booth No. 600) is launching its Epic X laser, designed to offer...
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1.800.833.8267 | www.duxdental.com
Christy Creson, who holds the title of Mrs. North Carolina, is joined by Mark Donohue, from left, Jordan Taub and Ed Matthews of TAUB Products (booth No. 2708). TAUB has a number of products to show off, including FUSION-Zr multi-purpose veneer cement and dual cure resin cement.

CHECK **from page 1**

both precision and innovation to the whole dental team. To help punctuate the launch of the Epic X, performers from Cirque du Soleil are showcasing feats of their own precision and innovation, each day at 11 a.m., noon, 1 and 2 p.m.

TAUB Products (booth No. 2708) has a new corporate logo, a fresh marketing approach and several new products, including FUSION-Zr, a self-adhesive, light-cure veneer cement indicated for the adhesive cementation of all-ceramic restorations, zirconia, lithium disilicate and CAD/CAM-type materials. To help celebrate, Christy Creson, who holds the title of Mrs. North Carolina 2014, is on hand at the company’s booth, along with racecar driver Luke Pardi and his car, sponsored by TAUB.

DEFEND by Mydent International (booth No. 3709) is showcasing its line of infection-control products, disposables, preventatives and impression materials. Popular offerings include a new face mask that is designed to be gentle on sensitive skin. It’s free of inks, dyes and fiberglass, and it is fluid-resistant and latex-free with an inner layer made of soft material. DEFEND Desensitizer, also available from Mydent, is a desensitizing agent that can be placed under dental cements or used with temporary, provisional or final-restorative materials to reduce postoperative sensitivity.

Keystone Industries (booth No. 3418) is touting its Gelato prophylaxis paste, which has been designed to provide a smooth, splatter-free application.

The paste is 1.23 percent fluoride ion and will leave a patient’s teeth with excellent polish and stains removed, according to the company. Gelato comes in bubble gum, cherry, mint, piña colada, orange sherbert and raspberry flavors. It’s available in 6- and 12-ounce jars, and also boxes of 200 individual cups.

For hygienists, Orascoptic (booth No. 4022) is introducing its RDI Elite loupe. Orascoptic engineered the loupe with a team of practicing hygienists and industry-recognized experts in ergonomics and infection control. The loupe is designed to offer optimal field width and depth for dental hygiene professionals.

RELEARN **from page 1**

it should be unacceptable to view techniques and procedures as rules instead of guidelines. If viewed as the former, room for expansion and exploration in regards to the healing of patients is denied, at best limited, he said.

The solution? A progressive approach to laser technology and treatment, where rehabilitation trumps amputation, and the patient’s well-being and quality of life is regarded as first priority. To elaborate, Benjamin provided a brief history of light amplification by stimulated emission of radiolgy, simply known as LASERS, and went on to compare the childhood experience of using a magnifying glass to beam light onto a not-so-lucky field ant to dental laser treatment and the shared truth that a consequential biological response occurs.

Expanding further, Benjamin lectured on how and why all lasers are not created equally and how the utilization of accurately applied laser- and light-based technologies is vital to achieve efficacy and an improved outcome to a patient’s care.

Benjamin was just one of many clinicians speaking Sunday on lasers.

More sessions will take place today, Tuesday and Wednesday. For more information, including times, check the official show program or download the Greater New York Dental Meeting app on your smartphone.

Academy of Lasers President Scott Maragh, today Staff)
Scenes from Sunday

* The folks at A.B. Dental Devices (booth No. 5411).

* Bill Rimmer of Flight Dental Systems (booth No. 4334).

* Dominika Zmelty, left, and Dane Paxton of Trinon Titanium (booth No. 1133).

* From left: Stephanie Dominguez, Charles Schlesinger and Annamarie Pino of OCO Biomedical (booth No. 5016).

* Harprit K. Kanda of Burnaby, Canada, with her poster presentation.

* Alan Miller of AMD Lasers (booth No. 5037).

* Catherine T. Bocciarelli of CareCredit (booth No. 4112) holds Olaf from the "Frozen" movie, in the form of a Pillow Pet you can get if you sign your practice up for a patient financing plan.
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A party for all the ages

By Chadette Maragh, today Staff

The first day of the Greater New York Dental Meeting’s exhibit hall featured a kid-friendly extravaganza of face painting, games and music for the meeting’s mini attendees.

Award-winning children’s recording artist Patricia Shih and her band, Cool Daddy, headlined the event with ballads such as “We’re All Different Colors of the Rainbow” and “Hungry!” They even ushered a child — or sometimes several — on stage during performances.

Up next, colorfully clad stilt walkers and performers elevated the fun to new heights with leaps and jumps, leaving adults and children spellbound. Finally, a carnival capped off the afternoon, complete with an indoor obstacle course, spin art, a jumbo slide and a climbing wall.

Far left, recording artist Patricia Shih brings her music to life with an interactive performance Sunday at the GNYDM. At left, many attendees brought their children to enjoy the day’s activities. (Photos/Chadette Maragh, today Staff)
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Koichi Arakawa of Mani Inc. (booth No. 930).

Brandon Zueger of Health First (booth No. 1801).

Angelique Barth of Autoclave Testing Service (booth No. 913).

Gina Davison of Malo Institute (booth No. 1804).

Randy Bernstein of Practice Compass (booth No. 2400) pulls a sign out of his jacket.

Dr. Scott Ganz, left, and Sahine Nahme of MyRay (booth No. 2000).

Stephanie McNatt of Designs for Vision (booth No. 5026).

Caitlin Wright, left, and John Redersha of Coltene (booth No. 4202) will do anything for the press.
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From left: Marc May, Nicole Short and Alexandre Molinari of Neodent USA (booth No. 1011).

The Austin Powers impersonator is back for another dental meeting. Find him at Millennium Dental Technologies (booth No. 3834).

Eric Wells, left, and Steven Lambert of Town & Country Dental Studios (booth No. 5115).

Missy Ferguson, left, and William Winters of Flow Dental Corp. (booth No. 1110).

The team at Orascoptic (booth No. 4022).

Bill Steinitz of Ansell.

Steven Sidmore of MicroDental Laboratories (booth No. 4034).
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The Realities of the OCO Immediate Load Implant

Monday - December 1, 2014
2:30pm - 5:00pm - Exhibit Building Aisle 6200 - Room 5 - Course #4260

Dr. Charles Schlesinger, DDS
Chief Operating Officer
OCO Biomedical

Nationally renowned as one of the foremost experts on dental implants, Dr. Schlesinger has been an implant educator and speaker since 2007. He graduated from the Ohio State College of Dentistry in 1996 and maintained a private practice in San Diego before becoming OCO Biomedical’s Chief Operating Officer in 2012.

Contact Info:
Direct: 505-293-2419
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NOVEMBER 30th & DECEMBER 1st

JOHN BREScia, DDS
Dr. Brescia is a graduate of the Chicago College of Dental Surgery, Loyola University Medical Center, and has practiced family and cosmetic dentistry for over 30 years. As a long time user of Ellman radiofrequency technology, Dr. Brescia has lectured extensively on radiosurgery and will spend time in the Ellman booth discussing his techniques and approaches to achieve ultimate patient results.
There is a better way (and LVI can show you how to get there)

By Mark Duncan, DDS, LVIF, FAGD, FICCMO, Clinical Director, LVI

You know how those days go — all morning long, it felt like you were struggling to keep on track with the schedule. Your team is frustrated because they haven’t had their full hour lunch more than one day a week in as long as they can remember. You walked by the sterilization room 15 minutes ago, and it sure sounded like they were complaining to each other because you said to work in that emergency, and they were struggling to figure out how to get to their kid at daycare on time. Again.

You want them to enjoy working here, but you have to be able to pay the bills. And your best assistant asked you again if she can have that raise you have been promising her. Don’t they understand?

Today will be another day of three chairs and patient after patient asking you questions about treatment, all eager to get started with getting their mouth fixed, but yet you still won’t see any of them show up on the schedule. They said they wanted to do the work, but for some reason, they never seem to come back and do it.

They say insurance doesn’t cover it, or they ask for a pre-determination. They don’t know the pre-determination doesn’t mean much.

Today, you have 27 patients on your schedule and will work your butt off and still not have a chance to pee. It looks like you should be able to be done by 5, but today will finish worse than yesterday.

It feels like half of your patients are crankier than you are, and your team isn’t really talking to you today, and you know when you get home, all you will want to do is go to sleep and wake up on Saturday — except it’s still Tuesday!

It doesn’t make sense — you have taken C.E. courses every time they come to town. The new insurance plan was supposed to make things easier. You bought a bunch of new equipment to save money on taxes — of course now you have to pay for it every month — but why does it seem like the harder you work, the further behind you get? There has to be a simple reason.

Well, it turns out there actually is — and it’s something that you learned when you were about 5! Do unto others. More specifically, build systems in your office so that you can treat your patients the way you would want to be treated — comprehensively and with exceptional information to make good decisions — and produce a consistent experience time after time.

While doing that, add exceptional care — esthetic adhesive excellence like you see in the journals. But how?

Well, the answer happens to be the foundation that LVI was built upon — building the excellence in a patient-centered practice. And the programs at LVI have been teaching clinical excellence and communication and business systems for almost 20 years to help doctors do a better job of not only seeing the patient but, more importantly, connecting with them.

Two decades of not only communication but comprehensive diagnosis and clinical excellence. As a result, the doctors at LVI have a statistically higher professional satisfaction and income.

Isn’t it time you go find out what they are doing differently? Yes. Yes it is — and congratulations on the journey you are about to start.

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For more information on the Las Vegas Institute for Advanced Dental Studies, visit www.lviglobal.com.


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NY DENTAL MEETING 2014

NEW! P-DEFEND PHOTO BOOTHE
Q-Implant Marathon offers live surgery hands-on implant placement and sinus lift courses

By Trinion Collegium Practicum Staff

Continuing education in dental implantology has traditionally focused on theoretical aspects. However, since 2003, the Trinion Collegium Practicum (TCP) has organized practice-oriented dental implantology courses based on the model of surgeon training in European hospitals, enabling dentists to gain a firmer grasp of implant procedures.

Drawbacks of traditional implantology education

Conventionally, entering the field of implantology has proven difficult for many dentists. Typically, it is not a subject of university education, with many universities and courses focusing largely on theoretical orientation. Because of this, establishing oneself within this particular area of dental medicine can prove to be a time-consuming endeavor.

Further complicating the matter is the issue that educational and training programs rarely present an opportunity for participants to work directly on patients. According to Alfredo Valencia, MD, DDS, scientific director for Trinion Collegium Practicum, this has led to implant education placing an increased emphasis on theoretical training.

This theoretical emphasis ultimately results in a neglect of practical experience and, more importantly, a general lack of confidence in ability. Because of this, many inexperienced dentists develop a fear of complicated cases and, thus, a limited learning curve, Valencia asserts.

Learning by doing

As a result of the growing concern stemming from the lack of practical hands-on implantology courses, TCP teamed up with Valencia to develop the Q-Implant® Marathon. Started in 2003 in Santa Clara, Cuba, the course is designed to be purely hands-on with a real patient experience under strict supervision from internationally renowned surgeons. Participants with a strong theoretical foundation in implantology spend five days assisting in and performing surgeries.

Throughout the course, participants are assigned to small groups (three individuals or less) under direct supervision from the same instructor for the entire duration of the course. This intimate setting allows for the opportunity for each beginner participant to place 30 implants in the span of five days. Advanced levels guarantee 10-15 sinus lifts per participant and depending on the level of surgical experience, participants may participate in more complex surgeries such as mono blocks, ridge splits, titanium mesh reconstruction and more.

Patients are prepared and followed-up by resident members of the private clinic in which the surgeries are conducted. In most cases, patients are immediately provided with temporary restorations, so participants can see the result of the treatment and complete photographic documentation. The phased approach of the Q-Implant Marathon, which accounts for 60 dental C.E. hours through the Academy of General Dentistry, divides participants into three levels: Beginner, Advanced I and Advanced II.

The Q-Implant Marathon gives dental practitioners an opportunity to learn the relevant knowledge they require in their home clinics. Beginners’ courses focus around basic implant cases, whereas surgeons with considerable experience can opt to participate in an advanced course focusing on complicated cases. Regardless of skill level or experience, all students experience the reassurance that they have a highly qualified supervisor at their disposal to discuss cases and assist during surgery. “Learning by doing is the most successful way to gain experience in implantology, and that is why we do it that way,” Valencia said.

For more information

The Q-Implant Marathon is conducted several times a year in Dominican Republic, Cambodia and Laos. Upcoming sessions in Dominican Republic will be Feb. 19-20 and June 8-12. To find out more information about the Q-Implant Marathon, contact Dominika Zemly at (877) 706-1002, email dz@implantologycourses.com or visit the website at www.implantologycourses.com.

Focus on the United States

Today, the hand-on concept has been rolled out in three permanent locations worldwide with one in Santo Domingo, Dominican Republic, and two courses in Asia. In the last 11 years, TCP has hosted more than 2,500 dentists in the Q-Implant Marathon leading to the treatment of more than 20,000 patients and the placement of more than 55,000 implants.

The decision to conduct these hands-on courses in Santo Domingo is a direct result of the rising number of dental implantologists in the United States and its surrounding regions. Additionally, there is a growing number of patients in this region that demand a high level of care but lack access to adequate dental care. More than 100 courses have been conducted in the three locations.

The head instructor for the Q-Implant Marathon in Santo Domingo is Valencia, who received his medical degree from the University of Oviedo in Spain. Valencia has more than 30 years experience in the fields of oral and maxillofacial surgery and stomatology.

He is supported by a team of assisting tutors that he personally recruited. Most of these tutors have been trained in implantology by Valencia directly.

“I know them well, and it is easy for me to work with them,” he said in regard to his colleagues.
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‘First Fridays’ start at Dentatus Implant Center in heart of New York City

Participants learn how to select and place narrow-body implants and construct a chairside interim crown

By Dentatus Staff

Dentatus, one of the first to introduce to dentistry narrow-body implants, welcomes you to join us at the Dentatus Implant Center, where participants will learn the distinctive technologies of the Anew, Atlas and Elypse implants. The modern facility is equipped with all necessary instrumentation, models, implants and components used in the workshop. Participants will learn how to select and place narrow-body implants and construct a chairside interim crown. They will learn the benefits of having the means to treat the widest range of patients’ needs, especially patients with inadequate bone and narrow spaces. Due to this special narrow-body technology that requires less time, procedures are attractive to many patients who would otherwise not be able to afford or benefit from this major development. At the conclusion of the workshop, you will leave with your own constructed temporary crown on a model for staff training and patient education. The Dentatus Implant Center offers unique opportunities to improve your expertise of emerging technologies with hands-on experience under guidance of experts in the field. Advanced registration is required in order to reserve space and instrumentation. Friday workshops are conducted 8 a.m. to noon.

Come to New York City for First Fridays at Dentatus’ Implant Center and stay for the art, fashion and entertainment. You can register by visiting www.dentatusUSA.com, by calling (800) 323-3136 or by emailing dmanekas@dentatus.com.

‘First Fridays’ start at Dentatus Implant Center in heart of New York City

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Here at the GNYDM

To learn more about ‘First Fridays’ or the Dentatus Implant Center, stop by booth No. 1714.
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For dental specialists who want to increase the value of their practice, NewTom GiANO offers both high technology and a competitive price. Considered the most competitive hybrid available today, it gives specialists a device that can perform a wide range of exams. The 2D-configuration can be enhanced to 3D or Ceph at any time, and its modular sensor, short exam time and low dose mean a more complete and immediate diagnosis.

VGi’s adjustable Field Of View allows doctors to irradiate just the right volume for specific clinical applications. The size of FOV can vary from the smallest 6x6 cm to the biggest 15x15 cm and can be selected directly from the software before the scan. Like 5G, VGi combines revolutionary flat panel X-ray detector technology with a very small focal spot (0.3 mm), to produce the clearest, sharpest images. It also uses a “pulsed” emission to minimize radiation exposure.

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3. Controlling costs
4. Generating patients for the practice
5. Gaining high case acceptance
6. Promoting staff effectiveness

Illustration/Provided by Aspen Dental

Take a page out of Wiley’s playbook

By Aspen Dental Staff

At Aspen, we’ve been able to successfully run more than 450 practices, and now we’re bringing you resources to help you do the same. Throughout this year and through our partnership with Wiley Publishing—a leading publisher of academic materials for professionals—we’re sharing knowledge that can be used to operate successful practices. Success is yours for the taking.

Want to be better at managing your practice? Download “Factors for business success,” the first in our series of papers. It outlines six ways for you to ensure your business is as successful as possible: maintaining production, maintaining collections, controlling costs, generating a patient stream, improving case acceptance and promoting staff effectiveness.

Or are you looking to own a practice but not sure which business model is right for you? Download “Choosing the right business entity,” the second paper in the series. This paper discusses the various business arrangements available to dentists, provides detailed information about when to use a particular arrangement, weighs the pros and cons of each and helps you determine which one is right for you.

Future paper topics include planning a practice, practice ownership, generating patients for the practice and management principles.

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Here at the GNYDM

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Sound surgical strategy can improve both patient comfort and esthetic results

Radiowave technology offers many advantages

By Robert Selleck, today Staff

- One of the benefits the exhibit floor of major conferences such as the Greater New York Dental Meeting offer is the ability to encounter fellow dentists who are already using the technology or instrument you’re considering. Today at the Ellman International booth (No. 2908), you won’t need to rely on happenstance for such an encounter, with John Brescia, DDS, on hand throughout the day to share his in-practice perspective on Ellman’s radiofrequency surgical system.

Interestingly, though, if traffic at the booth today is similar to yesterday, there’s a good chance that while you’re getting insights from Brescia, a general dentist, periodontist, oral surgeon or other professional will stop to add his or her own impromptu endorsement. It’s that type of technology. Converts can’t seem to resist becoming advocates.

“I don’t use a scalpel anymore,” Brescia said. “This completely replaces it. Everything I previously did with a scalpel, I can do with this. Except it’s easier to use, has excellent control of bleeding and has exceptional esthetic results.”

Ellman Senior Sales Manager Scott Berger said the RF system’s broad range of capabilities prompts interest from every sector of dentistry. “It’s not limited to specific uses,” Berger said. “It can be used for more than 30 different dental procedures.” The technology appeals not only to dentists ready to move beyond the scalpel, it also attracts those looking for an alternative to lasers and electrocautery units.

Brescia has been using the technology in his private practice in Chicago for almost 25 years, consistently upgrading as Ellman releases advancements.

“Another benefit is that it’s more ergonomic,” Brescia said. “A scalpel doesn’t allow ease of access to difficult areas of the mouth the way this does. It’s a micro-fine surgery tool; and that’s what most dentists are — we’re micro-surgeons. We work in small, defined areas of the teeth where ‘less is more.’ We want to be minimally invasive, and that’s what this allows us to do.”

According to the company, cutting soft tissue with high-frequency radio waves instead of light waves reduces heat, so there is no charring, and there is minimal — if any — bleeding. Instead, as water in the tissue is volatilized the process aids coagulation.

“The less heat, the less the post-operative sensitivity,” Brescia said. “And typically, no analgesics are required. It’s also more portable, has lower maintenance costs than a laser and enables a quicker return on investment.”

“‘It’s a true workhorse,’” Berger said. “‘You can use it for so many procedures — and there’s less healing time needed and less discomfort for your patients.’

Here at the GNYDM

To learn more about the RadioLase3, stop by the booth, No. 2908, call (516) 594-3333 or visit www.ellman.com.
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In a comprehensive study by U.S. Ergonomics, the industry leader in ergonomic testing and certifications, these Microflex gloves markedly reduced muscle effort when performing test manipulations that simulate daily dental tasks.

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- Amazing fit and unrestricted tactile sensitivity

AVAILABLE SIZES | ITEM NUMBER
--- | ---
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Microflex® XCEED®
POWDER-FREE NITRILE EXAM GLOVES

- Industry leading strength and protection

AVAILABLE SIZES | ITEM NUMBER
--- | ---
XS-XL | XC-310

Microflex® Neogard®
POWDER-FREE POLY-CHLOROPRENE EXAM GLOVES

- Excellent wet grip and soft, stretchy comfort

AVAILABLE SIZES | ITEM NUMBER
--- | ---
XS-XL | CS2

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<td>Ti-Max Z900L</td>
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<td>W&amp;H Synea TA-98LED</td>
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*Internal data.
2. As listed at http://sei-a-dec.com

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Designs for Vision is showing several new products here at the Greater New York Dental Meeting. The first are the new ClearView Laser Telescopes, which produce a clear image though the telescopes that protect your eyes while enhancing your vision. The ClearView Laser Telescopes utilize Designs for Vision’s patented double-lens protection that reduces the wavelengths before and after the image has been magnified and has been certified by Din Certo, the international laser safety testing lab. The ClearView Laser Telescopes are approved for magnifications 2.5x, 3.5x, 4.5x and 6x. The GNDYM is one of the first national meetings at which the new Nike® Retro frames, are being shown. Available in tortoise shell, black and translucent gray, the Nike Retro frames are lightweight and can incorporate any eyeglass prescription. The new ULTRA Mini Telescopes weigh as little as 1.2 ounces (34 grams) and are 40 percent smaller in size, allowing for easy peripheral vision. The ULTRA Mini Telescopes provide 2.5x magnification and are customized to each person. They are ideal for those who require true 2.5x magnification but desire a smaller and lighter weight system. Designs for Vision’s new NanoCamHD™ records digitally at 1,080 pixels high-definition resolution, magnifying HD images from the operator’s perspective. The complete system includes 2.5x, 3.5x and 4.5x lens systems to match the magnification you are using, providing a true user’s point of view. Still photos can be taken while recording or in playback mode. The NanoCamHD allows for hands-free operation and includes a color balanced ULTRA Mini Headlight.
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*Price may vary based on model purchased, savings based on manufacturers MSRP.
By A.B. Dental Devices Staff

A.B. Dental Devices, a global leader of innovative dental solutions, introduces ABGUIDEDSERVICE – an easy-to-integrate service that assists dental professionals in planning precise implementation procedures with ease using advanced technology.

ABGUIDEDSERVICE runs on AB DENPAX, a cloud-based platform for dental professionals. ABGUIDEDSERVICE can prepare a treatment plan according to your specifications and present virtual 2-D or 3-D images. ABGUIDEDSERVICE allows you to view the plan and to consult with colleagues or with your dental laboratory.

After the treatment plan is approved, a surgical guide is prepared directly from the planning software. By performing most of the work outside of the patient’s mouth, the experience for the patient is more pleasant, the company asserts. The outcome is faster, more secure and more accurate – minimizing trauma, regardless of how complex a case may be.

This digital solution also delivers a case archive service that allows for easy and fast access to patient history. It is available for iPad and enables flexibility, mobility, an advanced user interface and an enjoyable user experience, according to the company.

3-D planning technology has been available for more than 15 years; however, because of long, expensive and complicated procedures, adoption has not been widespread. With A.B. Dental’s business model, computerized implant planning becomes faster, more accessible and more affordable.

Based in Israel, A.B. Dental is said to be known for its innovative and advanced capabilities, according to the company. With a distribution network in more than 50 countries, A.B. Dental provides its cutting-edge solutions to dental professionals all across the world.

Here at the GNYDM

For more information about the ABGUIDEDSERVICE and other A.B. Dental Devices technology, visit the company’s booth, No. 5411.

Dr. Darryl Smith performs a fixed restoration flapless surgery starting with 3-D planning with denture. (Photos/Provided by A.B. Dental Devices)

ABGuide with colored sleeves. The ABGuide is a digital copy of the denture. The guide fits exactly like the denture.

3-D planning.

The next step in the flapless surgery is healing caps and screws, depending on the gingival thickness.

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www.TaubDental.com
Super-Snap X-Treme disks proven superior

By Shofu Dental Staff

New Super-Snap X-Treme disks have many clinicians asking how they can best improve the finishing and polishing of dental restorations. The disks differ from the original Super-Snap line—after all, the Super-Snap X-Treme is the next generation to the original green fine and red superfine Super-Snap polishing disks.

X-Treme disks are thicker, in order to provide greater durability, flexibility without warping and increased tactile feel while polishing. Superior gloss results are achieved because of the new 3-D grit technology, an advancement that originated from the semiconductor industry.

The 3-D semi-spherical shaped grit reduces clogging of the disk, prolonging use and preventing secondary scratches to the restoration. Beautiful, glossy restorations are produced quickly to speed valuable chairtime.

X-Treme disks share the same features as the original Super-Snap line—an elastic silicone shank mount for easy placement on the mandrel, no metal hub to risk gouging your restoration, double-sided, aluminum oxide grit and two sizes, standard or mini, for single-patient use.

The two systems, Super-Snap and Super-Snap X-Treme, are complimentary. For a complete, four-step disk system, the X-Treme disks may be used with the black (coarse) for contouring and violet (medium) for finishing.

A recent evaluation with THE DENTAL ADVISOR provided a Super-Snap X-Treme Editors’ Choice award:
The product was evaluated by 16 consultants in 399 uses. The composite polishers earned a 98 percent clinical rating. Consultants’ comments included, “Produced a glass-like finish to composite restorations,” “Much more durable than original disks” and “Increased flexibility adapts to tooth contours.”

Key features include, quality of polish, durability and flexibility, were rated nearly excellent. When compared to the current polishing disk they use, 69 percent of consultants rated X-Treme better and 31 percent rated it as equivalent.

Gloss of a composite finished with Super-Snap X-Treme and two other polishing systems. At the final polishing step, Super-Snap X-Treme produced 41 percent greater gloss units than that of Sof-Lex Discs and 29 percent greater than the Sof-Lex Spiral system, according to the study.

Here at the GNYDM
Stop by Shofu’s booth, No. 4408, to take advantage of convention specials on Super-Snap X-Treme. The new polishing disks are available in standard (12 mm) or mini (8 mm) sizes within a 100-piece kit, including both red and green disks, or as a 50 count individual refill. Suggested retail price per kit is $49.30, and disk refills are $25.90. Stop by Shofu’s booth, No. 4408, to take advantage of specials on Super-Snap X-Treme.

*Sof-Lex Contouring and Polishing Disks and Sof-Lex Spirals are registered trademarks of 3M ESPE.

References
2. THE DENTAL ADVISOR, Research Report #06 May 2014. www.dentaladvisor.com

Buy two Beautifil II tips (20 each) here at the GNYDM and get one Super-Snap X-Treme Mini and two TAF Hybrid Points for free. Stop by booth. No. 4408 for more details. (Photos/Provided by Shofu Dental)
Experience the NEW BIOLASE, the NEW epicX and the Artistry of CIRQUE

Performances by Cirque du Soleil artists at booth #600
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Win an EPIC X daily at booth #600.
What if dentists could capture interproximal caries and more extraorally? The Planmeca ProMax S3 makes this achievable with the anatomically accurate extraoral bitewing program, possible only with patented SCARA (selectively compliant articulated robotic arm) technology.

These extraoral bitewings eliminate gagging and capture a greater number of surfaces for better caries detection versus intraoral modalities* and are especially useful for periodontal patients, children, elderly patients, claustrophobic patients, patients with special needs, patients that gag or patients in pain. ProMax’s extraoral panoramic bitewings consist of two bitewing images that are focused to expose interproximal contacts and magnified for higher resolution. These images show details from premolar to third molar areas, including parts of the maxilla, mandible and rami.

They are also useful in the placement of temporary anchorage devices (implant abutments) in certain treatments. This captures more clinical data (lateral to third molar) and consistently opens interproximal contacts better than most intraoral methods.

All of this comes without the challenges of sensor placement, the changing of sensor sizes, disinfection and equipment maintenance, helping clinical procedures run quicker and smoother than ever before, according to the company.

The ProMax S3 also offers innovative features for compliance with the ALARA radiation safety principle. Its unique autofocus feature significantly reduces retakes, while adjustable kV and mA settings, as well as horizontal and vertical segmentation, provide the tools to limit radiation based on clinical need.

The unit is software-driven for upgradability, from advanced 2-D imaging programs to cephalometry, one-shot cephalometry, digital impression and cast model scanning, Proface 3-D facial photos and 3-D imaging.

All units include open-architecture Planmeca Romexis, a versatile software suite designed to support optimal imaging workflow and usability at chairside.

* According to “Efficacy of ProMax Bitewings vs. Intraoral Bitewings.” For a copy of this study, contact Planmeca USA.
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NOW EXPANDED TO SIX PATIENT FRIENDLY SIZES
A BruxZir solid zirconia veneer case

By Michael C. DiTolla, DDS, FAGD

Gladewell Laboratories’ weekly web series “Chairside Live” has given us a great opportunity to communicate with clinicians across the nation and educate them on topics that they’re actually interested in learning. If you haven’t yet had the opportunity, episodes can be viewed on demand at www.chairsidelive.com or on YouTube and iTunes.

In the Case of the Week from Episode 105, I wanted to try something that I really hadn’t done before. I’ve done some anterior BruxZir® restorations, and they turned out well, but I had yet to do an anterior crown in conjunction with a BruxZir veneer. This is going to be a straightforward case on teeth #8 and #9 with a BruxZir crown and a BruxZir veneer adjacent to it.

Case presentation

This patient had a pre-existing PFM on tooth #8 that was a poor aesthetic match (Fig. 1). Because of the patient’s deep overbite, I liked the idea of using a BruxZir crown for tooth #8 because I could keep it almost as thin as that PFM was on the lingual. I also planned to have the lab fabricate a BruxZir no-prep veneer for tooth #9, which happened to be facially deficient anyway.

I anesthetized the patient and took off the crown. The prep had been endodontically treated, and it looked like a gold post was placed in the incisal edge. We placed the first cord (size 00) and then prepared the gingival third of the tooth. Because the tooth already had a PFM, I didn’t have to do a ton of reduction; it was more about where I did the reduction.

While reducing, I exposed a little bit of gold, so I covered it up with a self-adhering composite resin, and then I finished smoothing off the prep (Fig. 2). Then I placed the top cord (size 2), which upon removal left us a wide open sulcus that would be simple to impress. That’s the benefit of using the two-cord technique.

Six days later, we took off the temporary and tried in the final restorations, which the patient approved. We cemented the crown with Ceramir® Crown & Bridge cement (Doxa Dental; Newport Beach, Calif.). The thing I love about Ceramic cement is the fact that it bonds on its own to zirconia without requiring you to decontaminate the internal surface of the BruxZir crown or use a zirconia primer. Plus, the cement will typically clean up in just one piece (Fig. 3).

With the crown placed, I then turned to the veneer. After try-in, I decontaminated the internal portion of the BruxZir veneer by sandblasting it for 15 seconds. I then placed a layer of Z-Prime Plus and air thinned it, and then placed a layer of bonding agent and air thinned it. I isolated the two adjacent teeth with mylar strips and then etched with phosphoric acid, rinsed, placed the bonding agent, air thinned it, and placed the veneer with the light-cured resin cement inside and cured it. You can definitely light-cure through solid zirconia. Try it yourself when you receive the case.

Here’s the patient with the crown and veneer in place (Fig. 4). It looks pretty good, considering those are BruxZir solid zirconia restorations with no ceramic on the facial. BruxZir continues to look better because of the increased translucency of the material. I’m now feeling more confident that if I’m placing a crown on a single anterior tooth that I can place a BruxZir veneer on the tooth next to it. As long as #8 and #9 match, we have a chance of having a nice smile.

Avoid hand fatigue with ergonomic gloves

By Microflex Staff

Prolonged muscle effort across longer periods of time can cause hand fatigue, which has been associated with carpal tunnel syndrome as well as other hand injuries. These conditions are serious, painful and can reduce productivity, especially for dentists and hygienists whose job makes wearing disposable exam gloves an essential requirement.

Visit Microflex at the show at booth No. 4708. You can also visit www.microflex.com to learn more or request free samples.

More than 50 percent of dental professionals have reported hand fatigue, and more than 65 percent of problems facing disposable glove users. (Table/Provided by Microflex)
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.
registered dental hygienists reported having carpal tunnel syndrome.\(^2\)

The solution is ergonomic gloves. In a comprehensive study by an industry leader in ergonomic testing and certifications, Microflex® XCEED®, Microflex Ultraform® and Microflex Neogard® gloves markedly reduced muscle effort when performing test manipulations as compared to a leading competitor’s gloves.

These three gloves even outperformed bare-hand manipulations, reducing muscle effort in comparison to not wearing gloves.

The reduced effort decreases the chances of related pain and injuries.

What does an ergonomic certification mean?

According to U.S. Ergonomics, “A product that has received certification provides measurable ergonomic benefits to the anticipated users by improving comfort and fit and by minimizing the risk factors that may contribute to the development of ergonomic injuries.”

Third-party tested

U.S. Ergonomics approach to workplace ergonomics focuses on achieving sustainable gains in productivity while reducing ergonomic risks and ensuring employee health and safety. The organization maintains a state-of-the-art ergonomics laboratory to conduct ergonomic product testing and ergonomics product certification. A product that is truly ergonomic will provide measurable advantages to user comfort, fit and performance while reducing the ergonomic risks factors.

References

2. SIMMER-BECK, MELANIE RDH, MS. Noting harmful chair side postures through assessment and observation and making necessary adjustments can make the difference in maintaining a healthy career in dental hygiene. Accessed Sept. 16, 2011.
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The new i-CAT FLX MV: Fit for a wide range of dental practices

By KaVo Kerr Group Staff

There’s a new 3-D cone-beam system in booth No. 3621 in the exhibit hall here at the GNYDM. i-CAT™, a brand member of the KaVo Kerr Group, is proud to announce the launch of the newest member of the award-winning family of cone-beam 3-D imaging products: the i-CAT MV, for general dentists and specialists who wish to place and restore implants or perform oral surgery, periodontics, prosthodontics and endodontics with greater confidence and lower radiation.

The innovative features of the i-CAT MV will deliver greater clarity, ease-of-use and control for those clinicians who need a medium field of view and a range of image sizes to fit a variety of needs. From scan to plan to treat, i-CAT MV offers these features to provide information and control:

• Medium field of view captures both arches and the temporomandibular joints in 3-D.
• Visual iQuity™ advanced image technology provides i-CAT’s clearest 3-D and 2-D images.
• Lower dose scan options, including QuickScan+, are available.
• Easy-to-use SmartScan STUDIO™ touchscreen allows for selection of the appropriate scan for each patient.
• i-PAN lets you capture traditional 2-D panoramic images.
• Integration with CAD/CAM programs is offered.
• i-CAT MV offers a balance between image quality and ALARA (as low as reasonably achievable) radiation dose for clinical control and optimized patient care. High-resolution, volumetric images provide complete 3-D views for more thorough analysis of bone structure and tooth orientation. QuickScan+ settings allow for full-dentition 3-D imaging at a dose comparable to a 2-D panoramic.

Powerful, clinically driven, comprehensive planning tools streamline workflow and help you move from scanning to consultation and treatment planning in less than one minute.

i-CAT FLX MV features the TxSTUDIO™ 5.3, the latest version of exclusive treatment planning software with enhanced tools for implants, oral surgery, endodontic procedures, airway analysis and TMJ.

Detailed 3-D images combined with powerful imaging software aid in giving you the confidence to accurately plan an entire implant treatment, from surgical placement of the implant and abutment all the way to final restoration.

Enhance practice efficiency with immediate access to integrated treatment tools for implant planning as well as CAD/CAM applications, such as digital models and surgical guides. 3-D scans from i-CAT allow practitioners to perform more advanced procedures with greater predictability — from implants to surgical guides and restorations. i-CAT’s open software architecture seamlessly integrates with orthodontic systems, CAD/CAM programs, imaging software and practice management programs, expanding your practice’s capabilities.

* Image quality is proportional to radiation dose.
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Convergent Dental upgrades CO2 dental laser to help dentists increase production

By Convergent Dental Staff

Convergent Dental Inc., a privately held dental device and technology company, is unveiling the second version of Solea, the first FDA-approved, CO2 9.3 micron dental laser for hard and soft tissue, here at the Greater New York Dental Meeting.

This new version of Solea offers significant improvements in cutting speed, precision, and patient experience while making the unit itself even quieter, more ergonomic, and easier to move around the operatory. Version two offers a completely redesigned handpiece, the ability to use office air as well as the internal compressor, an adjustable aiming beam, software upgrades, new wheels, and more.

Solea is a critical tool in increasing dentists’ efficiency because it enables anesthesia-free and blood-free procedures. With traditional tools, a lot of time is spent injecting patients and waiting for numbness. Using anesthesia also limits dentists to working in only one quadrant of the mouth in a visit because of the risk of the patient biting themselves and causing injury.

Rather than starting with an injection and then waiting for anesthesia to set in, Solea practitioners start right away and routinely execute multi-quadrant dentistry. All cavities when they are discovered and perform soft-tissue procedures they would never have done without a laser, according to Convergent Dental.

This can dramatically increase the value of each appointment. Solea dentists routinely perform six or more procedures per day than they did with the drill, and they say that 95 percent of their hard- and soft-tissue procedures are done with no anesthesia and no bleeding, the company asserts.

Solea’s unique wavelength and innovative application of computer controls enable the laser to largely replace the drill and scalpel as the primary tools for hard- and soft-tissue surgeries. Solea earned the Medical Design Excellence Gold Award because its innovative application of technology, impact on oral health, and creative design.

Solea’s features and enhancements include:

• A sleek stainless steel-infused handpiece design that makes it easy for dentists to fluidly maneuver and adjust during procedures.
• A 9.3-micron, CO2 laser that is highly absorbed in both hydroxyapatite and water, delivering unmatched speed and precision in laser dentistry.
• A computer-optimized beam delivery system employing galvos, computer-controlled motors, that move mirrors inside the handpiece up to 10,000 times in a second. Their movement is synchronized with the super pulsed laser—also pulsing up to 10,000 times per second—to lay down patterns of light that have a profound effect on speed, precision, and patient sensation for hard- or soft-tissue procedures.
• A variable speed foot pedal, which, according to Convergent Dental, is the first of its kind in laser dentistry. It allows Solea dentists to effectively change settings on the fly without looking up from their work.
• An intuitive touch screen using non-laser terminology, enabling any dentist to become a laser expert after only one day of training.

“The (new) version of Solea demonstrates the company’s singular focus on improving dentists’ efficiency through continual innovation,” said Convergent Dental CEO Michael Cataldo.

“By making it easier to perform anesthesia-free, blood-free procedures, Solea creates a significant advantage for dentists looking to increase their efficiency and grow their practice. Best of all, nearly every
A SIMPLE IDEA THAT LEADS TO GREAT SUCCESS
MAKE IT SIMPLE

With a high success rate of 98%, SEVEN is MIS’ internal hex, flagship implant. SEVEN implants are provided with a sterile single-use final drill, allowing a safe and accurate drilling procedure. To learn more about MIS visit our website: www.misimplant.com or call us 888-397-1533 (toll free).
Introducing health care’s first decentralized peer-to-peer platform

By Dental Equities Staff

Recognizing that millions of Americans cannot access the care they need at affordable rates, Dental Equities has announced the launch of its premiere peer-to-peer health-care financing platform, Patient Advance. Because of post 2008–2009 recession regulations, banks have less capital to loan, which has increased the need for alternative lenders. By moving lending online, Dental Equities can generate cost advantages of more than 400 basis points compared to traditional banks.

Branch office operations consume up to 35 percent of their total operational expenditures. Moreover, their organizational practices are less efficient than today’s online marketplaces. This built-in cost advantage will enable Dental Equities to outcompete retail banks on price.

According to some experts’ estimates, banks, credit cards and other lending institutions generate $870 billion-plus each year in fees and interest from more than $3.2 trillion in lending activity. It is estimated that more than $1 trillion in loans will be made between peers in this emerging marketplace.

Looking to promote a much-needed financing platform for affordable health care, Dental Equities is working to lead this global shift in lending practices and pass these savings, speed of service and access to tens of millions of Americans who need health-care services not covered by their existing insurance carriers or the Affordable Care Act.

When asked about the first-of-its-kind, decentralized platform, Dental Equities founder Dr. Kianor Shah stated: “As a result of globalization and peer-to-peer integration led by technology, collaboration is the logical answer to the unjust corporatization of medicine and health care.”

Dental Equities’ mission is to elevate the professionalism of health-care providers, enabling them to remain independent and able to provide services their patients demand and require. In addition to Patient Advance, Dental Equities is also offering additional financial services and educational resources via its other sister brands, such as Doctors Club and Doctor Advance.

Dental Equities is a private equity limited liability company founded and led by Shah, its chairman. Dental Equities provides a decentralized peer-to-peer platform where dental professionals unite administratively, academically and financially for the benefit of patients as well as dental professionals.

Here at the GNYDM
For more information on Dental Equities, visit www.DentalEquities.com.

LASER

About Convergent Dental

Convergent Dental is a privately managed dental equipment and technology company and is the developer of Solea, the world’s first computer-aided, CO2 laser system to ever be cleared by the FDA for both hard-and soft-tissue indications. Solea cuts significantly quieter, finer and faster than any other laser-based system in dentistry, the company asserts. Solea’s speed and precision is a result of patented technologies and computer system controls that are unique to Convergent Dental. For more information visit www.convergentdental.com. Follow the company on Twitter, Facebook, LinkedIn and Google+.
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By Lexicomp Staff

With an easy-to-use interface, Lexicomp® ePrescribe is a Web-based tool for dental professionals to create and send prescriptions electronically to retail and mail-order pharmacies. On March 27, all prescriptions written in New York State must be submitted electronically. It is a mandate that threatens to catch dentists off guard and unprepared to comply — leaving patients standing at the pharmacy with worthless paper prescriptions and consuming valuable office resources managing calls from patients and pharmacists to replace them with electronic versions.

ePrescribing is legal in 50 states and has been adopted by 633,000 prescribers nationwide. Few of those are dentists, however.

There are multiple reasons why dentists have been slow to embrace ePrescribing. They write far fewer prescriptions than their physician counterparts. Furthermore, not all dental practice-management systems support ePrescribing because they don’t provide medications in a coded format.

There has been a lack of incentive for dentists to adopt ePrescribing and, until now, dental professionals have not been required to ePrescribe. Previously, only Minnesota required ePrescribing but did not enforce compliance. That will change in March for New York state’s nearly 14,500 dentists who will no longer be able to stand on the ePrescribing sidelines.

For dentists nationwide, New York’s status as a bellwether state signals that now is the time to prepare for what is likely an inevitable requirement in their own backyard.

Compliance aside, dentists can realize a number of benefits from ePrescribing, including quality assurance, patient safety and decision support.

As paper prescriptions go the way of the dinosaur, you need to be prepared with an efficient, trustworthy ePrescribing system that helps you communicate your patients’ medications to the pharmacy while helping to prevent potentially dangerous drug-to-drug interactions, drug allergies, dosage errors and other common prescription-writing mistakes.

Lexicomp, one of the trusted application lines of Wolters Kluwer Clinical Drug Information, features the industry’s only dental-specific ePrescribing offerings. Some packages integrate Lexicomp drug information with electronic prescribing, providing easy access to dental pharmacology and drug interaction screening to help enhance patient safety without interrupting your prescribing workflow.

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1Clinical Retrospective Evaluating Survival Rate and Success of Inclusive Tapered Implants: An Analysis of Two-Year Results. Downloaded white paper at inclusive dental.com.


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