Predictable and functional esthetics with low shrinkage and reduced stress

By Shofu Dental Staff

One of the greatest limitations in the use of resin composites is the material’s shrinkage during polymerization.

This process, typically associated with dynamic development of elastic modulus, creates a network of stress cells within the resin composite and its interface with the tooth structure.

The unrelieved stress can weaken the bond between the tooth structure and the restoration. Consequently, marginal leakage, tooth fracture and a restoration’s displacement may occur and further initiate the formation of secondary caries and postoperative sensitivity.

On average, the majority of resin composites in the market shrink about 2 to 5 percent.

As polymerization shrinkage cannot be completely eliminated, a plethora of techniques and protocols has been developed to conduct the manipulation of restorative procedures to minimize the effects of shrinkage and associated shrinkage stress.

Introduction of various new composite systems with low-shrink chemistry may also help overcome the problem.

A next generation of a bioactive composite indicated for all cavity classes, I–V, Beautifil II LS (Low Shrink) provides general practitioners with the means to reduce polymerization shrinkage and shrinkage stress while creating predictable and functional esthetics.

Like all restorative materials from Shofu, this novel composite incorporates the proprietary bioactive Giomer chemistry, clinically proven in eight- and 13-year recall studies to release and recharge fluoride and other beneficial ions and inhibit plaque formation to help establish a stable pH in the oral environment.

Highly filled, 83 wt percent, Beautifil II LS demonstrates excellent compressive and flexural strength (ca. 370 MPa and 120 MPa, respectively), maintains ideal color stability and polishes in an instant, producing a long-lasting sheen, according to the company.

Among the distinguishing features of Beautifil II LS are its slow shrinkage attributes. In rigorous international bench tests, this ground-breaking material demonstrated volumetric shrinkage of 0.85 percent and polymerization shrinkage stress of 2.72 MPa, the lowest characteristics among all universal composites in the market today. Shofu attributes these outstanding results to a new proprietary monomer and high-density pre-polymerized fillers, which also exhibit tooth-like optical properties and natural esthetics.

Available in syringes, tips and value kits, in 14 dentin and enamel shades, Beautifil II LS offers the clinicians predictable and functional esthetics with greater strength, higher wear resistance and naturally beautiful esthetics, according to the company.

Features of Beautifil II LS (Low Shrink)

- Lowest volumetric shrinkage (0.85 percent) and shrinkage stress (2.72 MPa).
- Greater strength and higher wear resistance.
- Tooth-like esthetics with natural fluorescence and chameleon effect.
- Polishes in an instant.
- Sustained fluoride release/recharge with bioactive Giomer chemistry.

Here in Chicago

Receive 6 C.E. credits by attending today’s lecture from Dr. Zase on “Cosmetic Pearls for General Practitioners,” being held from 8 a.m. until 3:30 p.m. Also, visit Shofu’s booth, No. 2807, to experience the EyeSpecial C-III camera firsthand and connect with a team of certified dental assistants.

Functional and naturally beautiful restorations created with Beautifil II LS. (Photos/Frank J. Milnar, DDS, AAACD)
Exclusive offer for dentists!

Two for the price of one

Booth #1447

UltaiRe™ AKP

Metal-free
Tooth-supported
Bone-like
Lightweight
Comfortable

SolvayDental360.com/Chicago
New hygiene handpiece also focuses on ergonomics

By Avid Dental Products

Avid Dental Products® is excited to launch its newest product, the Avid Premier™ Hygiene Handpiece.

The Avid Premier was designed with proper sterilization procedures in mind. Industry standards are ever changing. The need to quickly access a sterilized handpiece has become a priority.

The Avid Premier comes standard with four aluminum sleeves, providing hygienists with an uninterrupted workflow. The seamless transition between sleeves allows for a faster, cost-effective procedure. Hygienists will spend more time polishing and less time sterilizing, according to the company.

The Avid Premier is quiet and lightweight. Hygienists have the option to use a barrier sleeve to cover the rear portion of the motor. Oiling is not necessary with this handpiece. Additional sleeves are available for purchase to last an entire work day.

“I love the ease of switching the sleeves between patients,” said Libby at Dr. O’s office.

All industry disposable prophy angles work with the Avid Premier Hygiene Handpiece. The Avid Premier motor comes with a lifetime warranty when used with Avid Fit® Disposable Prophy Angles.

The Avid Premier will be available in March 2018 at the Hinman Dental Meeting. Visit the company there at booth No. 330.

In addition to the Avid Premier, the Avid Fit Hygiene Handpiece is a great addition to dental practices focusing on ergonomics. Hygienists are able to polish while keeping their wrists in a truly neutral position. The Avid Fit was launched in 2016, and it was just named “2016 Dental Advisor Top Award — Innovative Design,” receiving a ++++ (87 percent) rating. Recent updates to this product include a sterilizable locking seal.

Avid Dental Products’ product line also includes soft cup, firm cup and mini soft and firm cup disposable prophy angles. The angles work with the Avid Fit Hygiene Handpiece and the Avid Premier to create a true hygiene system, according to the company.

Avid Fit™ Prophy Paste is gluten-free and uses no dye.

Avid Dental Products strives to continually provide the dental industry with superior ergonomic and innovative products while building strong, mutually profitable relationships with customers, the company asserts, adding that its team has extensive knowledge of the dental industry with high-quality products and a strong commitment to customer service. The result, according to the company, is excellent order fulfillment and service for customers.

Established in 2014 and located in Bloomsdale, Mo., Avid Dental Products began when founder, Chris J. Carron, recognized the need for ergonomic dental products and developed the Avid Fit Hygiene Handpiece and the Avid Fit Disposable Prophy Angles.

Carron has been involved in manufacturing dental products for more than 20 years. He formed his own company, where he manufactures products for various companies in the dental industry. During his career, his company became the third largest producer of prophy angles in the United States. He continues to lead Avid with expertise, motivation and determination.

For more Information

To learn more about Avid Dental Products, call today, (573) 483-2843, email smile@avid.dental or reach out to your favorite distributor about our product line. You can also find Avid Dental Products on Facebook, Twitter, Instagram and LinkedIn and can see product tutorials on its YouTube Channel. Connect with Avid by using the hashtags #WeAreAvid and #FitIn.
ENVISION A FUTURE OF FREEDOM

Stop by Booth #1500 to learn about
THE FIRST LINE OF UPGRADEABLE DEDICATED 3D CBCT MACHINES
Is Your Office In Compliance With Mandated CDC sterilization guidelines?

Recently, the CDC issued additional Guidelines for Infection Control, which contains the most up-to-date infection prevention recommendations and expectations for safe care in dental settings. Handpieces are specifically mentioned in the following statement:

“Dental handpieces and associated attachments, including low-speed motors and reusable prophylaxis angles, should always be heat sterilized between patients and not high level or surface disinfected. Although these devices are considered semi-critical, studies have shown that their internal surfaces can become contaminated with patient materials during use. If these devices are not properly cleaned and heat sterilized, the next patient may be exposed to potentially infectious materials.”

1 Centers for Disease Control and Prevention, Summary of Infection Prevention Practices in Dental Settings: Basic Expectations for Safe Care, Atlanta, GA: Centers for Disease Control and Prevention, US Dept of Health and Human Services, October 2016.

FOR MORE INFORMATION VISIT MEDIDENTA AT BOOTH # 2609

BUY 1 MEDITORQUE ELITE 3 PIECE KIT (25K) $699.99

WARRANTY
MOTOR: 1 YEAR
ATTACHMENTS: 6 MONTHS

Includes:
- 1 - Elite Motor (25K)
- 1 - Elite Nose Cone (40K)
- 1 - Elite Lock Contra Angle (40K)
- Made in Japan

CHOOSE 1 FREE

PROPHY PRO ONLY $449.99 | 1 YEAR WARRANTY
- 5000 RPM
- 360° SWIVEL
- LIGHTWEIGHT
- MADE IN JAPAN

ATOM ONLY $399.99 | 1 YEAR WARRANTY
- HEAD HEIGHT - 11mm
- HEAD DIAMETER - 10.2mm
- WEIGHT - 1 oz
- 16 WATTS

MEDITORQUE ELITE

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- WEIGHT - 1 oz
- 16 WATTS

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- **T-Wire**
  - Better negotiation of curvatures.
  - Preservation of the elasticity of Nickel-Titanium.

Efficient endodontology

- The asymmetrical cross section:
  - Reduces the risk of instrument fracture
  - Increases the efficiency of the circumferential brushing movements for efficient selective cleaning

Simplified endodontology

- Intuitive sequence with 2 shaping Instruments in continuous rotation.

Learn More About The 2Shape at Booth# 2609
Solvay Dental 360 shows off its paradigm-shifting polymer

By Solvay Dental 360 Staff

Solvay Dental 360™ is bringing Ultaire™ AKP, a high-performance polymer for removable partial denture (RPD) frames, here to the Chicago Dental Society’s 2018 Midwinter Meeting.

Ultaire AKP was specifically designed to fill the gap between metal RPDs, which can be too rigid and stiff, and other polymer frame materials that can be too flexible.

Here at the show, Solvay Dental 360 will have a special offer for dentists who visit its booth: Two Ultaire AKP partials for the price of one. To receive the offer, dentists can stop by booth No. 1447.

“Dentists and patients alike are demanding better materials for RPDs, and Ultaire AKP delivers in a way that metal and other polymer options simply cannot,” says Shawn Shorrock, global director, Solvay Dental 360. “We saw an unmet need to replace metal in dental materials, similar to other markets we serve such as orthopedic and cardiovascular, and we worked closely with dentists to ensure Ultaire AKP best serves their needs and those of their patients.”

As patients become more aware of the effects of metal — the potential allergies, toxicity and taste — they are also becoming more proactive, asking for partial dentures that feel natural, comfortable and are esthetically appealing. Ultaire AKP is an innovative aryl ketone polymer that provides a biocompatible, lightweight, metal-free, non-irritating and more esthetically pleasing alternative to traditional metal RPD frames, according to the company.

Ultaire AKP is a rigid material — not flexible — suitable as a metal replacement and different than the other non-metal materials currently on the market, the company asserts. It is both strong enough and tough enough to be tooth-supported and help reduce bone loss, yet it is flexible enough to engage undercuts more deeply.

Making multiple adjustments to a milled RPD can be time-consuming and frustrating for patients and dentists alike. Furthermore, months or even years of adjustments tend to wear down once-healthy teeth. Not only does Ultaire AKP provide an esthetically pleasing, biocompatible alternative to metal, once an RPD made out of Ultaire AKP is designed and fitted, adjustments should not be necessary — saving the dentist and patient valuable time.

“Ultaire AKP is a paradigm-shifting polymer — it really hits the sweet spot between metal and the flexible systems on the market today,” says Ryan Murphy, PhD, technology manager and polymer scientist at Solvay Dental 360.

“It is a unique proprietary chemistry developed specifically for RPDs. There is no direct one-to-one comparison to any of the metal or polymer systems that are currently on the market for RPDs.”

Solvay Dental 360 is a part of the global company Solvay, a leader in high-performance polymers used in the health-care industry for medical and dental devices, equipment and instrumentation, including implantable applications.

With more than 35 brands available in more than 1,500 formulations, Solvay has the broadest portfolio of high-performance health-care polymers in the world.

Additional information and conditions of the promotion can be found at SolvayDental360.com.

Here in Chicago, company offers dentists special pricing for premium alternative to metal partials

At top, the Ultaire AKP.

At left, the traditional metal partial dentures compared to the Ultaire AKP.

(Photos/Provided by Solvay Dental 360)
If you can’t stand the heat, get out of the operatory.

70° angle... Made in China. No alternative.

$220 sheath. They’ll need several.

NOT heat-tolerant.

70° angle... Made in USA.

Heat sterilizable.

ēsa brings super-simple compliance to all 50 states.

In eleven states, state dental practice acts mandate the heat sterilization of handpieces. They don’t just recommend it. They require it. In the other 39 states, CDC Guidelines apply. And the CDC says, “Dental handpieces and associated attachments ... should always be heat sterilized between patients.” adding, “If a semicritical item is heat-sensitive, DHCP should replace it with a heat-tolerant or disposable alternative.”

With the movement in compliance shifting toward sterilization, why buy a handpiece that’s not heat-tolerant? Instead, talk to us about ēsa and the lube-free ēsamate prophyl system. Or, if you already own a Midwest Shorty®, Rhino® or Star® Titan® handpiece, then put an ēsa on it and be compliant wherever you work.

For samples of the ēsa DPA or more information, visit www.preventech.com/esa-dpa/

“Visit us in Chicago at booth #2615”

*State Dental Practice Boards in CA, FL, IN, KS, MD, NH, OR, SC, VA and WA require semicritical items to be sterilized after every patient. **Summary of Infection Prevention Practices in Dental Settings,” Centers for Disease Control and Prevention, March, 2016, p. 14. ēsa is available for Star Titan, Midwest Shorty and Rhino handpieces. All third party marks – ® and TM – are the property of their respective owners.
Introducing DiaDent’s new heat-treated nickel titanium rotary file system — Dia-X Files.

With its progressive taper design and cutting efficiency, the new Dia-X Rotary Files offer precision, flexibility, safety and reliable clinical results, according to DiaDent, the company behind the product. It provides 143-plus percent the resistance to cyclic fatigue than Dia-PT Rotary Files.

Dia-X Files feature the same exact geometries as Dia-PT Rotary Files; however, the heat-treated nickel titanium construction offers extreme flexibility and durability, according to the company.

With Dia-X Rotary File’s convex triangular cross-section, it reduces rotational friction and contact with the canal wall. The heat-treated surface is also coated, providing high corrosion resistance. Dia-X Rotary File’s handle is only 11 mm in length, offering improved accessibility to teeth. Its flat-noncutting file tip efficiently removes debris and soft tissue. Dia-X Rotary File is highly integrable as it is designed to work with your current technique and system.

The Dia-X File system features just three shaping files and three finishing files (DX, D1, D2, D3, D4 and D5). The DX file has a length of 19 mm, providing excellent access in restrictive and hard-to-reach areas, the company asserts. It has a much faster rate of taper than D1 and D2 files, so it can optimally shape canals in shorter roots and produce desirable shapes in the coronal section of longer canals.

The shaping files have increasingly larger tapers over the length of the cutting blades so that each file can engage, cut and prepare a specific area of the canal. The D1 File is designed to expand the glide path and prepare the coronal third of the canal, whereas the D2 File can enlarge and prepare the middle third. They are designed to create glide path and remove debris efficiently, even in calcified or severed curved canals.

D3, D4, and D5 are the finishing files and have yellow, red and blue identification rings. These finishing files have a decreasing rate of taper to improve flexibility and safety by reducing the potential for dangerous taper lock. Usually only one finishing file is needed to prepare the apical third of a canal. All Dia-X Rotary Files have depth markings on the blade to save chair time. Use the perfect shape-matching DiaDent Dia-Pro T Gutta Percha and Paper Point to complete the obturation.

A brochure and sample can be requested by contacting DiaDent by phone or email or stopping by the booth, No. 4308, here in Chicago. DiaDent will also be exhibiting at the Hinman Dental Meeting (booth No. 1645) from March 22-24 and at the AAE meeting (booth No. 724) from April 26-28. For more product and company information, call (877) 342-3368.
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22.2.18

3Shape will be launching a new revolutionary way to show patient scans and facilitate patient communication.

Let’s change dentistry together

Find out more at 3shape.com/jointhemovement
Implantmed SI-1015: Respect for your needs

By W&H Staff

W&H introduced the Implantmed surgical unit in 2001. The company asserts it’s a high-quality device — safe, simple to use with a high degree of precision and flexible application options.

The new generation builds on those tried-and-tested features and adds an array of all new benefits: a color touchscreen interface, a wireless foot pedal, shorter/lighter and more powerful motor with LED+ capability and a unique ISQ module for assessing the stability of an implant.

W&H Implantmed SI-1015 supports practitioners for both oral surgery and implantology.

Improved safety
Immediate load … early load … or the conventional route?

Deciding on the best time for loading implants is becoming more complex when trying to take into account all of a patient’s risk factors.

According to the company, the integrated automatic thread-cutter function and precise torque control actively helps the operator during implant placement — especially in dense bone. Using the documentation function stores all parameters, the implant insertion torque/time graph, optional ISQ measurement data, documentation ID and tooth position on a USB stick for patient records.

As an option, the W&H Osstell ISQ (Implant Stability Quotient) module for the Implantmed SI-1015 is a non-invasive measuring system of primary stability/osseointegration.

Combining the detailed insertion torque graph with the ISQ measurement reduces risk in deciding optimum loading time and assists in monitoring osseointegration of an implant.

Simplicity: New color touchscreen user interface and redesigned pump

The new Implantmed SI-1015’s user interface helps the practice team to streamline. A high-tech color touchscreen with a tempered glass surface makes it easy to operate and disinfect, according to the company. The navigation system and the customizable programs allow the operator to focus on the surgery.

The Implantmed can be customized for up to six individual users for reduced risk in group practices using multiple implant brands and their individual protocols.

A redesigned coolant pump means the irrigation tubing can now be loaded faster under sterile conditions.

Precise: Powerful motor and new surgical handpieces with LED+

In its class, the new motor is the strongest (6.2 Ncm), lightest and shortest, the company asserts, adding that the ergonomic shape and balance combined with a W&H handpiece can reduce operator physical strain. Five new short surgical handpieces with LED+ fully illuminate, regardless of the motor speed.

Flexibility: Wireless multi-functional, multi-device foot pedal

The new optional wireless foot pedal offers even greater flexibility and convenience, according to the company. The Implantmed can be operated with the foot control as an alternative to the touchscreen.

One foot pedal can be used with multiple W&H devices (Piezomed, etc.).
Medical device company, Anutra Medical, is now adding 1 percent lidocaine with epinephrine 1:100,000 to its product offerings, making this particular concentration of lidocaine more accessible to the dental market than ever before.

A published study that appeared in the Journal of Oral and Maxillofacial Surgery in October 2017 showed that buffered 1 percent lidocaine with epinephrine can be equally as effective as 2 percent lidocaine with epinephrine for a maxillary field block. This independent study by the University of North Carolina, Chapel Hill, found that buffering 1 percent lidocaine with epinephrine 1:100,000 with the Anutra Local Anesthetic Delivery System® “reduces the pain on injection with a maxillary field block and results in similar lengths of pulpal anesthesia tested with a cold stimulus” as compared to the traditionally used 2 percent lidocaine with epinephrine 1:100,000.

As a result of the study showing the benefits of the lower concentration of lidocaine, Anutra Medical is now adding 1 percent lidocaine with epinephrine, 1:100,000 as one of its regular product offerings.

In other studies conducted in April 2017, utilizing the Anutra Local Anesthetic Delivery System, The School of Dentistry at the University of North Carolina, Chapel Hill, found that, “Mean blood level differences of lidocaine for each patient were significantly lower after nerve block with the buffered drug compared with the nonbuffered agent.”

Anutra Medical is excited to introduce 1 percent lidocaine 1:100,000 into the dental market in a more accessible format than it has been in the past. The option of this new concentration of lidocaine to dental practitioners further shows Anutra’s dedication to increasing patient experiences while transforming practitioner’s efficiency, according to the company.

Anutra is currently accepting orders for the new product offering.

By Anutra Medical Staff

Here in Chicago

To learn more about the Anutra Local Anesthetic Delivery System or 1 percent lidocaine with epinephrine 1:100,000, stop by the Anutra Medical booth, No. 5101.

Anutra Medical introduces 1 percent lidocaine as a new product offering

NEW COLLECTION

EXPERIENCE OUR ENTIRE COLLECTION AT WWW.CROIXTURE.COM

The Anutra Local Anesthetic Delivery System. (Photo/Provided by Anutra Medical)
Introducing! Here it is! PREMIERING THE Avid Premier™

The Avid Premier™ Hygiene Handpiece is the newest addition to Avid Dental Products® line of hygiene needs!

The Avid Premier™ is designed with interchangeable sleeves that quickly snap on and off between procedures, giving you time to properly sterilize without interrupting your workflow. This handpiece works with any standard disposable prophy angle, but you’re guaranteed to SMILE with the Avid Fit® Disposable Prophy Angle!

Contact us today for more info on all of our products!

The Avid Fit® Mini Soft Cup is designed for little ones. Small mouths and tiny teeth need special attention.

Polish more efficiently by using the whole cup! No more worries that an oversized cup will hurt tissue.

It’s soft and gentle ... it’s Mini!

Disposable Prophy Angles are also available in Soft Cup, Firm Cup and Mini Firm Cup. Request a sample pack today!

Finish with a smile!

Avid™ finish

DYE FREE  GLUTEN FREE

CONTAINS XYLITOL AND 1.23% FLUORIDE ION

AVAILABLE IN:
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573.483.2843

www.avid.dental
By COLTENE Staff

COLTENE has expanded its HyFlex EDM endodontic product line. HyFlex EDM files are now available in 21 mm as well as 25 mm.

In addition, a 20/.05 preparation file has been added to the line, which enables the clinician to treat curved canals only with the efficient HyFlex EDM system.

After creating a glidepath with the 10/.05, the 20/.05 file allows minimally invasive, fast preparation of the canal, according to the company.

HyFlex EDM files are indicated in cases with calcification or retreatment.

Fabricated using EDM (electrical discharge machining) breakthrough technology, HyFlex EDM offers up to 700 percent greater fracture resistance compared to traditional Niti files (Int Endod J. 2015 May 22. doi:10.1111/iej.12470). The OneFile is designed to increase the number of cases that can be prepared with confidence using just one or two HyFlex EDM files.

Here in Chicago

Visit booth No. 4000 to see the new HyFlex EDM files for yourself. To request a free sample, visit Hyflexedm.coltene.com.
EMPOWERED
BY HENRY SCHEIN DENTAL

Visit Booth #2819 to see how you can Rely on Us to empower your practice for success, so you can focus on the care of your patients.

TODAY’S SCHEDULE
Thursday, February 22

11:00AM Join the Movement to Fight Periodontal Disease!
Presented by: Wendy Briggs (Sponsored by ACTEON)

12:00PM digiTALK Panel Discussion – The Digital Workflow
Featuring: Planmeca

1:00PM A Guide to Digital Impressions – 2 CE Credit Take-Home!
Presented by: Dr. Robert Berg

2:00PM digiTALK Panel Discussion – The Digital Workflow
Featuring: DEXIS & i-CAT

3:00PM Business Solutions Showcase
Presented by: Eric Nuss

What is a digiTALK Panel Discussion?
Dental professional panelists will be asked various questions regarding a digital workflow using digital impressions, CBCT, and intraoral imaging products. Each digiTALK Panel Discussion will feature our various manufacturer partners, who will discuss the benefits related specifically to their products and how implementing a digital workflow can benefit the entire practice!

Visit Booth #2819 for more...

Live Product Demos  New Products  Exclusive Show Promotions  Presentations  Incentive Activities

Supplies | Equipment | Practice Management Systems | Digital Technology | Technical Service | Business Solutions

henryscheindental.com/hsepowered | #HSEMPowered
DentalEZ unveils next-generation products

StarETorque customizable electric system and the first InOffice workstation for in-office labs promise versatility, simplicity

By DentalEZ Integrated Solutions Staff

DentalEZ Integrated Solutions debuts its latest innovations today on one of the industry’s biggest stages: Here at the Chicago Dental Society’s Midwinter Meeting.

The new Star®ETorque™ advances the electric handpiece with a one-touch system that allows the practitioner to move seamlessly between high- and low-speed applications, according to the company. From cavity removal to root canal treatment, StarETorque covers a range of operative needs with a lightweight tool that combines power, performance and flexibility.

The other innovative product showcased at the DentalEZ booth, No. 1807, is the InOffice™ workstation developed for the dental practice. This new workstation can be customized for today’s needs, with the flexibility to add new features as the needs of the practice change.

“We’re excited to debut these new products at the Midwinter Show,” said Bob Senesac, DentalEZ’s senior director of marketing. “As high-performance partners of the dental industry, we are constantly striving to develop new products that provide solutions to everyday challenges in the delivery of oral health care. We’re focused on simplification and efficiency, value-based products and outstanding customer service and support.”

StarETorque electric system

The StarETorque uses a small, lightweight, brushless motor for less noise and vibration to benefit both patient and dentist. The motor is autoclavable, with six customizable operative modes for both endodontic and preparatory procedures, which provide the ultimate in flexibility, according to the company.

“This compact, intuitive system gives dental professionals the freedom to work seamlessly through a variety of procedures,” said Eric Reno, senior product line manager of handpieces. “It’s truly customizable, letting the user move from high-speed to low-speed settings with a simple touch.”

The motor control unit of the StarETorque features a bright, easy-to-read color touch screen and a compact design for a small footprint as a standalone or detachable for modular mounting.

“We wanted to deliver a product that was intuitive, innovative and individual,” said Reno.

InOffice Workstation for the dental practice

DentalEZ brings that same level of customization to workstations, as well, according to the company.

It all starts with the basics: A frame, legs and a counter top. From there, the options to customize are endless. Add the features you need, including overhead lighting, an air gun, a handpiece and more. You also have esthetic choices, such as steel color and solid surface countertops.

InOffice gives dental professionals the opportunity to make flexible workstations that work best for them.

A key feature is front dust collection. The dust collection system has the highest particle capture rate compared with leading brands, based on independent testing, according to the company.

“We wanted to deliver a product that would allow the dental professional the flexibility to add some features as their needs change,” said Kim Pegue, senior product line manager of lab workstations. “Being able to select the features you’ll use day-to-day makes for a more productive, more enjoyable work environment.”
Streamline your workflow

Plan your virtual patient - with just one software

Come see us at Booth #1020
CDS 2018 Mid Winter Meeting

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  - Extra-grippy feeling
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  - White
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**$3.88 PER BOX**

**NITRILE SPECIALS**

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  - Lightly-textured fingertips
  - Super stretch technology!

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  - Blue

**$3.85 PER BOX**

- **SkinGard**
  - Heavily fully-textured glove
  - For a thicker feel with heavy grip

- **Color Options**
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  - Blue

**$4.35 PER BOX**

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  - Super stretch nitrile
  - Stretches like latex and tear-resistant

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easy polish composites!

GlamaFlow Flowable Composite Syringes
Each pack contains 2 x 2gm syringes & 8 Tips
A1: 12606131 $30.99
A2: 12606132
A3: 12606133
A3.5: 12606134
A3.5: 12606135

GlamaComp Universal Composite Unit Doses
Each box contains 20 x 0.25 gm Unit Doses
A1: 12606114 $41.25
A2: 12606115
A3: 12606116
A3.5: 12606117
B2: 12606118

high quality burs & diamonds!

Our Burs & Diamonds are comparable to SS White. Visit our booth for more sizes & shapes!

Standard Operatory Burs

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| Crown Cutting / Premium | 1 (331) | 10/pkg | 12603257 | $26.85 |
|                         | 2 (1558)| 10/pkg | 12603253 | $26.85 |

| Pear | 2P - FG | 100/pkg | 12603103 | $18.55 |
|      | 330 - FG| 100/pkg | 12603110 | $18.49 |

| Round | 2 - RA | 100/pkg | 12603156 | $18.49 |
|       | 4 - FG | 100/pkg | 12603157 | $18.49 |
|       | 4 - RA | 100/pkg | 12603154 | $18.49 |
|       | 5 - FG | 100/pkg | 12603158 | $18.49 |
|       | 5 - RA | 100/pkg | 12603155 | $18.49 |
|       | 8 - RA | 100/pkg | 12603157 | $18.49 |

| Straight Flat End (CrossCut) | 557 - FGOS | 5/pkg | 12603186 | $10.25 |

Surgical & Endo Length Burs

| Straight Flat End (CrossCut) | 557 - FGOS | 5/pkg | 12603186 | $10.25 |
| Taper Flat End (CrossCut)    | 702 - HP   | 5/pkg | 12603227 | $20.75 |
| Round                        | 2 - FGOS   | 10/pkg| 12603162 | $10.25 |
|                             | 4 - FGOS   | 10/pkg| 12603163 | $10.25 |
|                             | 6 - FGOS   | 10/pkg| 12603164 | $10.25 |

Trimming & Finishing Burs

| Egg / Football | 7406 - 12 Blade | 5/pkg | 12603182 | $16.49 |
|               | 7409 - 12 Blade | 5/pkg | 12603183 | $16.49 |

| Needle | 7901 - 12 Blade | 5/pkg | 12603185 | $16.49 |
|        | 7902 - 12 Blade | 5/pkg | 12603186 | $16.49 |

| Taper (Extra Long) | 7664 - 12 Blade | 5/pkg | 12603191 | $16.49 |

Single-Use Diamonds

| Football - 379-023 | Super Coarse | 25/pkg | 12603273 | $41.25 |
|                    | Coarse       | 25/pkg | 12603267 | $41.25 |
|                    | Fine         | 25/pkg | 12603269 | $41.25 |

| Flat End Taper - 847-018 | Super Coarse | 25/pkg | 12603314 | $41.25 |
|                          | Coarse       | 25/pkg | 12603284 | $41.25 |

| Round End Taper - 856-018 | Coarse | 25/pkg | 12603266 | $41.25 |

| Flame - 862-012 | Coarse | 25/pkg | 12603299 | $41.25 |

Multi-Use Diamonds

| Football - 379-023 | Coarse       | 5/pkg | 12603359 | $17.55 |
|                    | Fine         | 5/pkg | 12603359 | $17.55 |

| Needle - 859-010 | Fine         | 5/pkg | 12603406 | $17.55 |

| Wheel - 909-042 | Super Coarse | 5/pkg | 12603429 | $17.55 |

| Zirconia Cutter - Football | 579-023 | Fine | 5/pkg | 12603443 | $33.99 |

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3M and 3Shape partner to advance digital workflows for orthodontics

By 3M and 3Shape Staffs

3M and 3Shape have announced their intention to work together to advance the field of orthodontics through digital workflows supporting indirect bonding, clear aligners and other emerging digital orthodontic workflows.

“Our partnership with 3Shape puts our customers first and is designed with practitioners, their patients and their businesses in mind. Our goal is to make it easier for orthodontists to engage patients, provide effective treatments and run a profitable practice. The workflow will include our indirect bonding solutions, our customized lingual offering and future new offerings in the digital orthodontic space,” said Jim Ingebrand, president and general manager, 3M Oral Care Division.

For 3M’s and 3Shape’s joint customers, the cooperation will enable use of the 3Shape TRIOS scanner and 3Shape indirect bonding software with 3M’s Incognito™ lingual appliance system, the Clarity™ ADVANCED brackets with APC™ Flash Free technology for indirect bonding procedures, as well as future orthodontic product offerings. These combined solutions will enable better outcome while improving productivity of the practice, according to the companies.

“3Shape believes that an open market with freedom of choice is in the best interest of doctors and patients. Partnering with 3M will help orthodontists provide better treatment for their patients using 3Shape’s award-winning TRIOS scanner and digital workflow software with 3M’s treatment solutions in integrated workflows,” said Allan Hyldal, 3Shape vice president, orthodontics and implantology.

Emerging technology is enabling new efficiencies and greater predictability in the practice of orthodontics. While technology is changing how orthodontics is practiced, the end goal remains the same—a beautiful smile and healthy teeth that will last a lifetime.

No two smiles are alike. To develop customized treatment plans for each patient’s unique clinical diagnosis, orthodontists need flexible, choice-based solutions that deliver the best outcomes for their patients.

About 3M
At 3M, science is applied in collaborative ways to improve lives daily, according to the company. With $32 billion in sales, the company’s 91,000 employees connect with customers all around the world.

Learn more about 3M’s creative solutions to the world’s problems at www.3M.com or on Twitter @3M or @3MNews.

About 3Shape
3Shape is changing dentistry, together with dental professionals, across the world by developing innovations that provide superior dental care for patients, according to the company.

Its portfolio of 3-D scanners and CAD/CAM software solutions for the dental industry includes the 3Shape TRIOS intraoral scanner, the upcoming 3Shape X1 CBCT scanner and scanning and design software solutions for dental labs.

Visit www.3shape.com to learn more.
In 2017, Orascoptic became the first company ever to receive three Cellerant “Best of Class” Technology awards.

Stop by **Booth 1203** to check out the award-winning products for yourself!

**OMNIOPTIC™ INTERCHANGEABLE MAGNIFICATION**

OmniOptic is the first and only interchangeable magnification loupe. Offering a range of magnification powers from 2.5x - 5.5x, this system is the ideal solution for simplified magnification upgrades over time or between procedures.

**EASE-IN SHIELDS™ LASER PROTECTION**

Ease-In Shields are an ideal way to protect your eyesight during hard and soft tissue laser procedures and procedures performed with a curing light. A unique and lightweight design works with most loupe and eyewear models and allows the user to easily slide the shield in and out of the frame between procedures.

**SPARK™ CORDLESS HEADLIGHT**

The Spark is Orascoptic’s cordless headlight that integrates with virtually any eyewear frame model. Spark disperses weight evenly across the bridge of the frame, minimizing concentrated facial pressure. The headlight emits a precisely focused beam of light that uniformly illuminates the entire field of view.
A Q&A with Dr. Lee Ann Brady on the new Ivory ReLeaf device from Kulzer

By Kulzer Staff

Dr. Lee Ann Brady is a nationally recognized dentist and dental educator who says her goal is to partner with patients to assist them in making the best dental-health choices.

Brady shares her experience with the new Ivory® ReLeaf™ from Kulzer.

What are some of the challenges you face as a clinician during common dental procedures?

Keeping the field isolated from saliva, managing the water spray from equipment and retracting the tongue and cheek.

Which procedures do you find suction devices to be most useful?

All procedures, as long as the suction can be hands-free.

You were one of the first clinicians to try the Ivory ReLeaf. In what situations do you find it to be most effective?

It can be used with or without a bite block, so it is great for patients who cannot tolerate a bite block or have small mouths. It can also be easily taken in and out of the mouth as needed, and the patient can close his or her mouth, which is necessary for some procedures.

What do you see in terms of the impact on patients when using the product?

They are more comfortable as they do not feel the water pooling in their mouth and like they have to resist swallowing. It also protects the inside of their cheek.

What do you see as the value of Ivory ReLeaf to a practice?

Shorter appointments, greater daily production, enhanced patient comfort and setting your practice apart.

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*One sample per customer while supplies last. Choose from Core Paste, Infinity and Geristore. Offer expires February 24, 2018.
By Orascoptic Staff

Orascoptic has made history by becoming the first company ever to win three Cellerant “Best of Class” Technology awards. The Spark™ cordless headlight, Ease-In-Shields™ and the new OmniOptic™ interchangeable loupe system all stand out in ways that set the products apart from others in the industry, according to the company.

With a legacy of setting the standard for quality craftsmanship and introducing transformative products to the medical vision industry, Orascoptic is proud to be recognized for its advanced product performance and clinician-first features.

According to the Orascoptic, it is hoped that these three products will help bring the world closer to the day when every health-care procedure will be performed with superior visualization and under ideal ergonomic conditions, in order to drive the best patient outcomes.

Orascoptic believes fully in this vision, and there is no better place to drive this vision forward than here at the Chicago Midwinter Meeting, one of the largest dental congresses with thousands of professionals from all over the world.

Orascoptic is excited to have the three award-winning products, as well as the rest of its extensive line of loupes and headlights, at its booth for all attendees to see and test out for themselves.

Orascoptic is located at booth No. 1203 — make sure you stop by. You can also visit orascoptic.com to learn more about products that focus on magnification, illumination and ergonomics.

Here in Chicago
Stop by the Orascoptic booth, No. 1203, to test out and learn more about all the products the company offers.
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Visit booth #4806 to see the exciting new features of Solea SW 3.2.
STEELAR Efficiency and Increased Production equals MORE billable hours

USES:
- Create implant verification jigs, transfer and insertion guides.
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FEATURES:
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ZERO-G™ BIO-IMPLANT CEMENT

Retrievable - Easy to See
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- Solving prevalent and current cementation issues for cemented implant restorations related to Peri-implantitis.
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Light cure resin used to fill and seal implant abutment access holes as opposed to cotton/teflon tape.
It sets in a rubbery state after light curing, and can easily be removed from an implant abutment access hole if needed.
Opaque white shade maintains value in implant abutments and restorations.
For screw retained and cement retained systems.
Block-out, undercut for Dental and Lab procedures.

Liquid Magic™ CASE PRESENTATION
Dentistry and Photography by: Ross Nash, DDS

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All products proudly made in the USA
By Howard S. Glazer, DDS, FAGD

Is your office in compliance with the new CDC sterilization guidelines? Recently the CDC issued additional guidelines for infection control, which contains the most up-to-date infection prevention recommendations and expectations for safe care in the dental setting. Dental handpieces are specifically mentioned in the following quoted statement:

“Dental handpieces and associated attachments, including low-speed motors and reusable prophylaxis angles, should always be heat sterilized between patients and not high level or surface disinfected. Although these devices are considered semi-critical, studies have shown that their internal surfaces can become contaminated with patient materials during use. If these devices are not properly cleaned and heat sterilized, the next patient may be exposed to potentially infectious materials.”

In my humble opinion, it implies that any item that can be removed from the air line should be heat sterilized. This includes hygiene handpieces, low-speed motors and any quick disconnects that are being used in your dental practice.

Several state dental boards are making this a mandatory procedure—to not only protect our patients but also ourselves and our staff.

Fortunately, Medidenta is trying to do its best to help us out with this particular situation, and Medidenta’s CDC bundle does just that. When you buy the Meditorque Elite three-piece kit, which consists of an Elite 25k low-speed motor, an Elite latch contra angle and an Elite nose cone attachment, you then get for free—yes, free—your choice of one Prophy Pro Hygiene handpiece or one Atom high-speed handpiece. It is Medidenta’s way of helping us out so that our dental practices will comply with these new guidelines.

You probably have seen Medidenta’s CDC bundle advertisements. Because the CDC guidelines specifically call out slow-speed motors, this three-piece kit allows you to have a slow-speed motor with attachments and also receive a hygiene handpiece for free.

Or, of course, you can get the free Atom high-speed handpiece, which I personally think is the bomb!

Reference
Glidewell Dental Laboratories takes C.E. offerings on the road

Dallas symposium sells out

By Robert Selleck, today Staff

Attendee response to the inaugural Glidewell Dental Symposium 2017, held in November in Dallas, has the company planning a 2018 follow-up.

“It exceeded my expectations. I’m very, very pleased with it,” said Glidewell Laboratories President and CEO Jim Glidewell in an interview with Chairside Live, the company’s online educational and informational video platform. Commenting on the event’s unique format, Glidewell said: “I think it’s going to be a big hit, and we’re going to see this beyond Dallas. We’re getting information out there and helping dentistry to be more responsive and more valued.”

The sold-out, single-day symposium brought together 11 opinion leaders from various sectors of dentistry, each delivering 30- to 40-minute presentations. Topics included esthetic dentistry, digital dentistry, dental implants, tissue regeneration, sleep-related dentistry and practice management — all with a focus on tools and techniques that are helping dental practices achieve clinical and business success. Attendees of the event were able to earn up to eight C.E. units.

When asked in the Chairside Live interview if more such events will be held, Glidewell said: “Absolutely. We think we can go to every major city in the United States, and this idea will work.”

In addition to the speakers, the event included an interactive exhibit area featuring the latest tools and resources Glidewell Dental has available for practices. Attendees were also able to take a virtual-reality tour of the main lab areas at the company’s 71,000-square-foot facility in Newport Beach, Calif. With a staff of 4,500, the company is the largest employer in Orange County, operating out of a 71,000-square-foot facility in Newington, Conn. Glidewell Dental has sold out its area featuring the latest tools and resources Glidewell Dental has available for practices.

During the event, exhibitors stop by the booth, (Photos/Robert Selleck, today Staff) to provide patients with quicker provisional,” Barrett said.

Clinical director with Greenberg Dental, which has more than 70 offices and 240 practitioners acutely in demand, explained in depth how he approaches various cases and works closely with Glidewell lab professionals. “My goal is for my patients to pick up a mirror and say they love their provisional,” Barrett said.

Introduced as the “Father of Implant Dentistry,” Jack Hahn, DDS, delivered the event’s closing keynote, “The Emergency Implant.” (Photos/Robert Selleck, today Staff)

Glidewell’s sleep-dentistry products. Carrie Webber on “Getting Your Patients to Say ‘Yes’ to the Big Cases”; Justin Chi, DDS, CDT, on “The Reengineered FFM”; Raymond Choi, DDS, on “Indications for Small-Diameter Implants”; Paresh Patel, DDS, on “Monolithic Zirconia from Single Crowns to the Full Arch” and Charles Schlesinger, DDS, on “Ridge Preservation Protocol for Success.”

Many of the presenters teach continuing-education course at the Glidewell International Technology Center, a 2,800-square-foot, state-of-the-art training, education and demonstration center that for years has provided comprehensive programs on all aspects of implant and restorative dentistry.

The Dallas event represented the first time the company has packaged a full symposium of such training outside of its Irvine base. The $125 preregistration tuition included breakfast, lunch and a closing cocktail event.

You can monitor or sign up for notifications at glidewellsymposium.com to learn about a planned symposium for this year.
Find a referral partner with the same passion for innovation.

Being experts in saving teeth requires staying on top of the latest advances to ensure we’re giving patients the most effective options—and improving outcomes. An endodontist with the GentleWave® System can deliver the unprecedented cleaning and disinfection you need to do just that.

- The entire procedure from access opening to obturation can typically be completed in just one visit
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Introduce your patients to the partner who's best for their teeth. Team up with a GentleWave® Procedure provider near you.

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TAUB Products: Esthetic products developed for KOLs, clinicians, dental educators and your practice

By TAUB Products Staff

As industry products and technology advance at a continually fast pace, new procedures and methods are implemented. The focus at TAUB Products is to keep pace with these advances by offering products that deliver the best results possible, through simple and easy integration, no matter how doctors and labs practice dentistry.

TAUB is proud to introduce a revolutionary dual-cure acrylic resin — STELLAR DC Acrylic, which the company describes as being great for creating verification indexes, transfer and insertion guides for implants; pick-up impression copings; abutment seating jigs; connecting or fixing single implants parts for soldering and welding; and creating structure models of implant components.

STELLAR DC Acrylic can be light cured in 20 seconds or will cure on its own in 60 seconds. It provides the fastest production time of any pattern resin and acrylic, burns out completely and leaves no residue, according to the company. The material can be layered, reproduces detail accurately and grinds easily. A new technique allows it to repair cracked or damaged dentures in minutes.

“STELLAR DC Acrylic is a great addition to our product line,” said Jordan Taub, executive vice president at TAUB Products. “Using our chemistry and technology, we can now offer the CDT and prosthodontist an acrylic that increases production by dramatically reducing production times, which helps the bottom line. STELLAR’s on-demand continuous flow of material allows quick and easy fabrication,” he added.

TAUB is known for three products that solve many issues when placing cement-retained implant restorations: GoCHx Gel Syringeable Chlorhexidine, Liquid Magic Resin Barrier and Liquid Magic Resin Barrier Mate.

According to Jordan Taub: “Zero-G provides permanent cementation of implant restorations and, at the same time, retrievability of those restorations. This is the best of both worlds for the doctors who want access to the abutment and also for the doctors who never want the restoration to come off.

“When we designed this cement, we understood incomplete cleanup of other cements, and peri-implantitis was a cause of concern. Giving Zero-G the highest radiopacity over any other implant cement makes any excess cement extremely visible. The cleanup is unlike anything else on the market; any excess can be completely removed.”

Liquid Magic Resin Barrier Material is used for implant and cosmetic dentistry. It can be used to fill abutment access holes, replacing Teflon tape and other products typically used. Liquid Magic is placed into the access hole, light cured and can be easily removed. Liquid Magic can be used for cement or screw-retained restorations. As a barrier product, it can be used when isolation is desired.

GoCHx Gel Syringeable Chlorhexidine is a thin, non-alcohol based gel containing 0.8 percent chlorhexidine in a water-soluble formula. As a gel, GoCHx can be applied precisely, staying where it is placed, and rinses completely. Use GoCHx Gel for everyday use.

From no-prep restorations to full mouth reconstructions, using emax®, CEREK®, zirconia, lithium disilicate, feldspathic porcelain and PFM’s, FUSION-Zr® Esthetic Resin Cements provide the best results, according to the company. These esthetic cements allow dentists to present their best work by offering ease of use, fast cleanup, high bond strength and correct color representation.

“My patients expect my restorations to pop,” said Ross Nash, DDS, of the Nash Institute in Charlotte, N.C. "They can’t just be good; they need to be the best. I get best results when using Fusion-Zr Resin Cements.”

Launched in 2016, Ca-Lok Flowable Adhesive Calcium Base/Liner is a light-cured, calcium-filled resin. Unlike any other resin or MTA bases and liners, Ca-Lok offers adhesion to tooth structure, preventing movement and sensitivity, and has seamless compatibility to other restorative materials, according to the company. Ca-Lok is radiopaque and releases calcium and fluoride. Use Ca-Lok when practicing conservative dentistry.

TAUB Products is also currently looking to build its lecture-based clinicians. If you feel any of these products have value in your dental education programs, please stop by the booth, call TAUB at (800) 828-2634 or email Jordan Taub at jordan@taubdental.com.
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Mineralized Cancellous Xenograft Material
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Digital X-rays are changing how you manage patient diagnostics. But while digital is faster and easier to use, it poses some unique challenges too. Sensor positioning is one such challenge. Unlike film, sensors are rigid and thick. And unlike film, there is no standard size to a “size-2” sensor. All this makes finding a quick and easy way to position your sensor somewhat more difficult than when you were using film.

With Flow Dental’s new Uni-Verse-All positioner, you could take every imaginable X-ray while using only one positioner and one aiming ring. Sounds impossible, yet Flow’s Uni-Verse-All sensor positioner does just that. It will hold just about any size sensor. The Uni-Verse-All sensor holder lets you reposition the sensor along the bite plane so you can go from a periapical to a bite wing in seconds, and without changing parts.

The Uni-Verse-All is easy to use and set up is fast. You choose from two sizes of sensor holders (both included in Flow’s starter kit). You then snap the sensor holder into the Uni-Verse-All positioner and slide on the aiming ring. Just like that you’re ready.

Move the holder down for anterior or periapicals, up for bite wings. Lightweight for added patient comfort, Uni-Verse-Alls are re-useable and autoclavable.

A starter kit with everything you need retails for less than $57.

For more information, or to order, you can contact your local dealer or visit www.FlowDental.com.

(Source: Flow Dental)
THE X FACTORS:

Enhanced Safety
- Convex triangular x-section reduces rotational friction and contact with canal wall
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- Fracture resistance is 14.3% greater than Dia-PT™ Files
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Greater accessibility
- Heat treated premium nickel titanium construction offers extreme flexibility
- 11 mm length handle offers improved accessibility to teeth
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- Available in 21 mm and 25 mm

Highly Integrable
- Designed to work interchangeably with your current technique and system
- Predictable results every time
- Perfect shape-matching gutta percha and paper points: Dia-ProT™

Dia-X™ File
- RECOMMENDED SPEED: 250-350 RPM
- RECOMMENDED TORQUE: 2-3 NCM

SHAPING
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{ COMPATIBILITY CHART }

Dia-X DX: Access File (19mm)
Dia-X D1: ProTaper® S1
Dia-X D2: ProTaper® S2
Dia-X D2: ProTaper® F1: Dia-ProT F1
Dia-X D4: ProTaper® F2: Dia-ProT F2
Dia-X D5: ProTaper® F3: Dia-ProT F3

ProTaper is a registered trademark of Dentsply Sirona USA.
Gelato takes home Top Prophy Paste award for fifth consecutive time

By Keystone Industries Staff

Keystone Industries’ Gelato Prophy Paste was named the Top Prophy Paste in the hygiene category of The Dental Advisor's 2017 Product Awards, an award Keystone has now won from the respected publication five times consecutively.

In the clinical research conducted on Gelato, 35 consultants used the product more than 2,500 times and came to an overall 91 percent clinical rating. Among the consultants, 63 percent said they would switch to Gelato Prophy Paste, and 80 percent said they would recommend it to dental professionals.

Consultants involved in the clinical testing also remarked that Gelato Prophy Paste “does not splatter,” “is easy to rinse” and “cups are color-coded and easy to open.”

The annual Product Awards compiled by The Dental Advisor are one of the most respected awards to receive in the dental industry because of their in-depth research and analysis to recognize the highest-quality products on the market.

Because the prophy paste market is flooded with many superb products, The Dental Advisor’s editorial board must debate, discuss and vote on a product that fits its criteria for innovation, quality and excellence every year.

Gelato Prophy Paste was created and designed with dental hygienists’ needs in mind. The main goal of the product is to allow easy use for the dental hygienist with great results and to give the patient a satisfying experience. This is made possible by being able to apply Gelato smoothly without any splatter, all while coming in six flavors, including piña colada, bubble gum, cherry, mint, raspberry and orange sherbet.

The paste comes packaged in 200-count boxes of single-use cups, for convenient use and to eliminate cross-contamination. Gelato is also available in four different grits: fine, medium, coarse and x-coarse. More buying options are available as well, such as 6-ounce (exports only) and 12-ounce jars.

For more information on Gelato Prophy Paste or any of Keystone’s many products, stop by the booth, No. 4011.

(Dental Tribune International)
NIGHTLASE®
Laser Snoring Treatment

NIGHTLASE® is a leading-edge laser procedure for the treatment of snoring. It is a fast, NON-invasive, NO appliances effective way of increasing the quality of your patient’s sleep.

Learn more about NIGHTLASE® Snoring Treatment, and how it can increase your patient’s quality of sleep.

LIGHTWALKER™
The Endo, Perio, Hard & Soft Tissue, Sleep & Snore Laser Er:YAG & Nd:YAG Combo

- TwinLight™ Laser Perio: Advanced Dual Wavelength
- New Advanced SWEPES® Photoacoustic Endo: Effective & Exclusive
- Ultra Fast, No Shot Cavity Preps
- Precise Fast Osseous Cutting/Shaping Procedures
- Bloodless, Suture Free Soft Tissue Procedures
- LightWalker™ patented ASP™ Technology Powered

Doctors Score Big With Fotona at Chicago Midwinter Booth #2044 to win:
- GoPro Hero 5 Giveaway!
- Chicago Sports Memorabilia including Anthony Rizzo, and Kris Bryant jerseys
Headlights: Now in high-definition

By Designs for Vision Staff

Designs for Vision is introducing an advanced photonic design that provides uniform light distribution with maximum intensity. The patent-pending headlights optically focus the light from the LED to provide 45 percent more light with uniform distribution.

The new LED DayLite® Micro HD™ combines the new high-definition imaging with a very lightweight headlight in combination with the new Micro power pack, according to the company, which says the Micro power pack is the lightest and smallest available. The complete unit includes two power packs, and each power pack can run up to 10 hours.

Designs for Vision has also added the high-definition imaging to LED DayLite WireLess Mini HD, providing a lightweight, cordless solution with light intensity comparable to many cored headlights. You can choose high-definition imaging with either a wired or wireless design to meet your preference, and all HDi headlights will illuminate the entire oral cavity.

Designs for Vision’s WireLess headlights free you from being tethered to a battery pack. The simple modular designs 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.

In addition, Designs for Vision is also featuring the REALITY 5-star rated The Micro 3.5EF Scopes, which utilize 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.

Building on the award-winning design, the newest addition to the Micro Series line is the Micro 4.5EF Scopes. These scopes reduce both the size and weight of the telescopes by 44 percent.

On the move

Designs for Vision has expanded into a new 67,500-square-foot location at 4000 Veterans Memorial Highway in Bohemia, N.Y.

You can visit www.DesignsForVision.com/move.htm to check out some photos of the new facility.
Star E Torque
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By KaVo Kerr Staff

3D Congress, hosted by KaVo Kerr, is a unique three-day event featuring imaging solutions from i-CAT™ and KaVo that provides dental professionals with an educational environment dedicated to cone beam 3-D (CBCT) imaging applications. Join colleagues, vendor partners and KaVo Kerr imaging specialists to learn how you can leverage the power of 3-D technology into your practice.

In addition to topics covering implant planning and successfully incorporating 3-D into your practice, we have added to the program an opportunity to experience one-on-one anatomy and pathology consultations with Dr. Bruce Howerton.

The complete program includes an Orthodontic Track, 3D Learning Lab and the trusted names dental professionals look to for guidance. The 2018 lineup includes:

- Dr. Kevin Aminzadeh
- Dr. Bobby Birdi
- Dr. Cynthia Brattesani
- Dr. Sean K. Carlson & Dr. Juan Carlos Quintero
- Carlos Quintero
- Arthur Curley, JD
- Dr. Lou Graham
- Dr. Bruce Howerton
- Laura Howerton, RDH
- Dr. Diwakar Kinra
- Dr. Daniel
- Dr. Doug Liepert
- Dr. Steve Olmos
- Dr. Lou Shuman
- Christine Taxin
- Doug Woods
- Kenna Wuistinger

Additionally, 3D Congress has a dedicated area specially focused for the staff — but all dental professionals are welcome.

The 3D Learning Lab offers an opportunity for you and your staff to see our software and technology in action. The 3D Learning Lab is truly a hands-on opportunity, and our hopes are that participants will take advantage of sitting down with one of our speakers or on-site experts and review a scan together.

All who sign up for the 3D Learning Lab are encouraged to bring your list of questions about using 3-D in your practice — we are ready to provide answers.

The mission of the 3D Learning Lab is to have participants leave 3D Congress with a truly valuable educational tool that provides an extra level of confidence in treatment planning and patient education in your practice.

3D Congress provides an opportunity to earn up to 16 C.E. credits. Register today at congress.kavokerr.com.

Here in Chicago
To register for the 3D Congress, head to congress.kavokerr.com. For more information, stop by the KaVo Kerr booth, No. 1500.
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By 3DISC Staff

First previewed at the International Dental Show in March 2017, 3DISC’s new 3-D scanner, Heron IOS, has already generated a great deal of interest, according to the company.

Now, the imaging company is demonstrating the market-ready scanner to the public, first at the Greater New York Dental Meeting in November and now here in Chicago at the Midwinter Meeting. After a two-year development process, 3DISC is showcasing the new scanner together with the QuantorClinic software. According to the company, this is a major milestone as it moves forward into the final phase of the project, bringing the scanner to market and finally into dental clinics.

Inviting potential partners and distributors to experience the scanner in action, Deputy Group CEO of 3DISC Thomas Weldingh said, “We have had an exciting year and have worked hard on keeping development on schedule. I am pleased to announce that we are ready to market the Heron IOS. We are keen to meet with potential partners and distributors in Chicago this month and expect to ship the first scanners to clinics early in the second quarter of this year.”

Innovative technology

Heron IOS is a 3-D intraoral scanner created for the modern dental practice, according to the company. A smart solution for digital impression taking, the scanner has a small, lightweight design and ergonomic grip and features an open-format output for the widest integration.

According to 3DISC, the breakthrough product’s intuitive workflow has the potential for improved clinic productivity and patient care—essential factors for a good return on investment.

The scanner comes with 3DISC’s QuantorClinic software package, which fully supports order creation, scanning and file sharing with dental laboratories and production facilities.

More information about distribution, availability and pricing can be obtained by e-mailing sales@3disc.com.