Aligner material is ‘clear, strong — and affordable’

Allure Ortho describes TAGLUS as highly polishable with no moisture sensitivity and no bubbling

According to Allure Ortho, its TAGLUS aligner/retainer material has quickly become the No. 1 choice for clear aligners and retainers. The company asserts that the material is “super strong, super clear, and super affordable.”

The company reports that the material performs as well as Zendora but at half the price; is easier to use in fabrication of aligners and retainers; has better polishability; has no moisture sensitivity; and has no bubbling.

For more information about TAGLUS or other Allure Ortho products or to place an order, you can contact Allure Ortho at (844) 442-5587 or sales@allureortho.com.

OSAP announces new super sponsor

The Organization for Safety, Asepsis and Prevention (OSAP) announces Benco Dental as their newest Super Sponsor. This new sponsorship will assist OSAP in continuing its mission of being the world’s leading provider of education that supports safe dental visits.

“Benco Dental is committed to driving dentistry forward through innovation, and the most important underlying fundamental during every visit is the safe, infection-free delivery of care,” said Julie Radzyminski, director of professional relations for Benco Dental.

OSAP is proud of its super sponsors that generously contribute to “The Safest Dental Visit™.”

In good company

OSAP’s other super sponsors include: Air Techniques, Coltene, Crosstex International, Darby Dental Supply, Dentsply Sirona, Henry Schein Dental, Hu-Friedy, Kerr TotalCare, Midmark Corp., Patterson Dental, SciCan, and Tuttnauer USA.

(Source: OSAP)
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Booth #310
New hands-free infrared technology

By Designs for Vision Staff

Designs for Vision is introducing patented hands-free infrared technology with the WireLess™ IR HDi™ and the Micro IR HDi headlights. These headlights feature HDi, Designs for Vision’s exclusive advanced photonic design that provides uniform light distribution with maximum intensity. The patent-pending feature optically focuses the light from the LED to provide 45 percent more light with uniform distribution.

The patented IR feature enables better infection control by letting practitioners operate the headlight without touching the system. The IR headlights use a built-in infrared signal to enable the user to turn the light on or off simply and safely. Onboard biometrics sense the position of the headlight to filter out unintended signals while working.

Designs for Vision has added the High Definition Imaging to all of its headlights, including the LED DayLite® WireLess IR and the LED DayLite WireLess Mini, providing a lightweight cordless solution with light intensity comparable to many corded headlights. You can choose high definition imaging with either a wired or wireless design to meet your preference, and any of the 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 unplug the handlamps 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 is independent of any frame/loupes. The LED DayLite Micro HDi uses the new high-definition imaging with a very lightweight headlamp in combination with the Micro power pack. The Micro power pack is the lightest and smallest power pack. The complete unit includes two power packs, and each power pack can run up to 10 hours.

Designs for Vision is also featuring the REALITY 5 Star rated Micro 3.5EF Scopes and Micro 4.5EF Scopes using 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 view of the oral cavity.

Designs for Vision is also excited to announce that it have recently expanded into its new 67,500-square-foot location on Long Island at 4000 Veterans Memorial Highway in Bohemia, N.Y.

You can see the Visible Difference® yourself by visiting Designs for Vision’s booths at the California Dental Association booths No. 846 and No. 1202, or at the American Academy of Pediatric Dentistry annual meeting in booth No. 221.

Also, you can contact Designs for Vision to arrange a visit in your office by calling (800) 345-4009 or emailing info@dvmail.com.

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Practice management solutions for today

Whether you are a pediatric practice, a multi-specialty clinic or operating in multiple locations, your software should fit your unique needs and have the ability to grow with you.

By XLDent Staff

Dental practices are unique, requiring software solutions that are equally distinctive. Clinical records, information processing and core business functions have evolved considerably over the last decade, and so have the needs of your practice. It is important to evaluate your business solutions to make sure they are meeting your needs.

Comprehensive solutions
Whether you are a pediatric practice, a multi-specialty clinic or operate multiple locations, your software should fit your unique needs and have the ability to grow with you.

Look at your practice solutions and identify areas that are limiting your efficiency. A truly paperless office is a reality. With specialized ink forms, available in XLDent, any exam sheet or patient form can be digitized. A tablet PC can bring flexibility and power of a paper chart without the paper. If you’re looking for ways to streamline charting, consider features such as treatment-triggered progress notes that make documentation quick and accurate.

Consider new technologies
When walking around any dental meeting exhibit floor, it is obvious that new technologies for dental practices are emerging every day.

Adding a new technology can be a step in the right direction toward enhancing your practice, but if those technologies don’t work together you could end up with more headache than help — and with a negative ROI. One example is the evolving technology of cloud-based phones. Consider what your current phone system is doing for your practice today. What aspects of the patient experience would be improved with modern phone technology? A new integrated cloud-based phone solution from XLDent enables dental teams to make outbound calls with one click of the phone number within the patient record, and inbound calls are recognized and automatically activate the patient record.

Integration matters
Your practice relies on effective workflows, but it’s likely those processes are in need of review. Insurance is often one of the more challenging administrative functions. Integration of Instant Claim Status checking, Real-Time Eligibility, Electronic Remittance Advice (ERA) and Digital Attachments is fundamental to timely and accurate case presentation, insurance billing and reimbursement. These services should be integrated into your practice software to be most effective.

States are adding legislation to aid in safer prescribing practices, and utilizing an electronic prescribing service is a key component of that compliance. These are just a few areas of your business that should be looked at periodically. They are designed to help you streamline workflow, automate critical daily tasks and improve your ability to provide an exceptional patient experience.

More about XLDent practice management solutions can be found online at www.xldent.com.
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BISCO
**INDUSTRY NEWS**

**New bulk fill composite easily and quickly adjusts to tooth**

By Dr. Joseph Kim

When it comes to composite restorations, dentists are often asked to sacrifice speed for quality, or quality for speed. This has been especially true when it comes to bulk fill composites, which brought the promise of larger increments sizes, but required specialized equipment or were otherwise difficult to handle.

Now, clinicians can have a composite that easily adapts to the tooth and can be used in a true bulk fill technique. REVEAL® HD Bulk is BISCO’s new bulk fill light-activated restorative composite, optimized for simpler and faster posterior restorations. REVEAL HD Bulk combines appropriate handling, depth of cure and polishing ability, which enable clinicians to provide patients with functional and esthetic composites while saving valuable chair time.

REVEAL HD Bulk enables layering increments up to 5 mm due to its predictable depth of cure. This feature is accompanied by low volumetric shrinkage, high flexural strength and excellent radiopacity, resulting in long-lasting, durable restorations. While REVEAL HD Bulk is indicated for all direct and indirect appropriate handling, depth of cure and provides, especially in posterior teeth.

Like other restorative composites, it is important to maintain adequate isolation to prevent contamination of the tooth from saliva and blood. When indicated, use of a sectional matrix system with significant separating force will ensure excellent adaptation to the proximal margins, as well as, minimize interproximal food impaction.

After excellent isolation has been achieved, a universal bonding agent such as ALL BOND UNIVERSAL® is applied to all prepared surfaces according to manufacturer instructions. When possible, it is ideal to selectively etch the enamel surfaces where the composite is intended prior to application of the bonding agent, resulting in minimal long-term marginal leakage and dentinal sensitivity issues.

Depending on operator preference, a flowable composite resin may be used in the deepest and least accessible areas of the preparation, including undercut boxes and the cavosurface margins of proximal boxes. The appropriate shade of REVEAL HD Bulk can be placed in a single increment for most Class 1, 2 and 3 restorations. For preparations that include areas that are deeper than 5 mm, it is advisable to build the restoration in appropriately sized increments. Keep in mind, that due to its unique chemistry, care should be taken to avoid unnecessary exposure to light, including from ambient and overhead sources, in order to avoid premature hardening of the material.

Finally, the restoration can be finished with fine diamonds and finishing carborundum, followed by finishing points. It is worth noting that since REVEAL HD Bulk’s viscosity has been tuned for bulk fill applications, it is preferable to limit occlusal carving and shaping to primary anatomy prior to curing. After curing, greater detail may be added with finishing burs, as needed.

Alternatively, when darker or opa- cuous restorative composite shades are required, REVEAL HD Bulk can be placed and cured short of the occlusal cavosurface margins. The final layer can be a traditional restorative composite in an ideal shade and opacity. Because REVEAL HD Bulk is universally compatible, it will serve as an excellent base under all light-activated restorative composites.

REVEAL HD Bulk has been specifically designed to address the needs of clinicians who require the speed of a bulk fill restorative composite without sacrificing strength and ignoring esthetics. It is currently available in the most commonly used shades, from A3 to B1, in both syringe and unit dose form.

At CDA Presents in Anaheim, visit booth No. 400. At the AAPD meeting in Chicago, visit booth No. 1601. Or visit revealbisco.com or call (800) 247-3368.

**Barrier protection critical with gloves**

While caring for their patients, dental and health care professionals are constantly exposed to bodily fluids that may carry viruses and other infectious agents.

It is therefore critical that the gloves these professionals use provide the best possible barrier protection.

Many types of gloves are available today, but it is important to know that not all gloves have the same barrier capability, depending on the type of material used. For example, natural rubber latex gloves have long been acknowledged for their very effective barrier properties, while non-latex gloves, such as vinyl (polyvinyl chloride), have inferior barrier capability as shown by numerous studies.

**Quality, safety top priorities**

Other synthetic gloves, such as nitrile and polyisoprene, perform much better than vinyl but are more costly, especially polyisoprene gloves. Using gloves with inferior capability could expose both the patient and user to harmful infections.

Malaysia is the world’s largest medical gloves exporter (latex and nitrile). Both quality and users’ safety are of top priority to the nation’s glove industry. To this end, a quality certification program (the Standard Malaysian Glove, or the SMG) has currently been formulated for latex examination gloves.

**Stringent technical specifications**

All SMG-certified gloves must comply with stringent technical specifications to ensure the gloves are high in barrier effectiveness, low in protein and low in allergy risks, in addition to having excellent comfort, fit and durability — qualities that manufacturers of many synthetic gloves are trying to achieve.

Latex gloves are green products, derived from a natural and sustainable resource, and are environmentally friendly. (You can learn more online by visiting www.smgonline.biz or www.latexgloves.info).

The use of low-protein, powder-free gloves has been demonstrated by many independent hospital studies to markedly reduce the incidence of latex sensitization and allergic reactions in workplaces.

More important, latex-allergic individuals donning non-latex gloves can now work alongside their coworkers wearing the improved low-protein gloves without any heightened allergy concern. However, for latex-allergic individuals, it is still important they use appropriate non-latex gloves, such as quality nitrile and polyisoprene gloves, which provide them with effective barrier protection.

**Extensive array of brand, prices**

Selecting the right gloves should be an educated consideration to enhance safety for both patients and users. For decades, gloves made in Malaysia have been synonymous with quality and excellence, and they are widely available in an extensive array of brands, features and prices. Dental gloves can be sourced either factory direct (www.mrepc.com/marketplace) or from established dental products distributors in the United States and Canada.

(Source: MREPC)
Work with confidence

Malaysia:
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Malaysia is the largest source for U.S. imports of natural and synthetic rubber gloves as reported in tariff and trade data by the U.S. Department of Commerce and the U.S. International Trade Commission.

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Single software system supports ortho/pedo

Dolphin Management’s comprehensive system enables orthodontists and pediatric dentists to work in concert — and with a single patient database

By Dewitt Blankenship, Manager of Dolphin Management, Mobile and Web Software Products

Since introducing our specialty – Pedo software module within Dolphin Management three years ago, Dolphin has been adding pediatric features and tools to appropriate areas throughout the rest of our product line, including 45 (and growing) pediatric-specific movies in Aquarium, our patient-education software. The result is a comprehensive system that enables orthodontists and pediatric dentists to work in concert and with a single patient database.

Newly designed enhancements include tools for viewing and analyzing radiographs — plus dedicated features for financials, scheduling, charting, treatment planning and insurance. All new features work effectively in an orthodontic, pediatric or multi-specialty pediatric/orthodontic practice.

Overview of Dolphin Management Specialty

• The first fully-fledged pedo/ortho, single-point practice management solution.
• Manage scheduling and patient treatment for pedo and ortho in one place.
• Distinct ledgers and billing for pedo and ortho.
• Effectively track and market to your patients for pedo and ortho treatment.

Features include:

Financial

• Insurance coverage books.
• Insurance fee schedules.
• Insurance benefit applied/remaining tracking.
• Ability to handle insurances that coordinate benefits.
• Employer plan changes to support dental.
• Policy benefit summary to support dental.
• Patient dental location/provider tracking.
• Revamped post-charge screen.
  - Allow user to choose billing and treating dentist/location at time of posting charge.
  - Ability to see insurance worksheet to determine breakdown of money.
  - Ability to create charges from codes setup screen for easier setup.
• Systems to handle when insurance coverage will pay for charges that are limited by a period.
• Ability to assign a discount type and discount percentage by billing party. This can also be adjusted as needed at time of posting.

Scheduling

• Assign pediatric dentist to appointments.
• Assign charges to appointment types when making appointments.
• The charge abbreviations tied to the appointment will display on scheduled appointments.

Dental treatment planning:

• Create dental treatment plans.
• Ability to print dental treatment plans.
• Submit pre-determination claims from the treatment planning screen.
• Schedule appointments from treatment planning screen.

Dental Tooth Chart

• Chart existing dental conditions.
• Chart dental procedures performed per visit.
• Chart proposed procedures from dental treatment planning.
• Dental tooth chart field, to chart dental conditions, per visit.

Dolphin Imaging

• Magnify and spotlight toolbar tools.
• Pediatric/dental FMX layouts.

Aquarium

• Pediatric library category with 45 animated pedo-patient education movies.
• New content added every two months.

These products are joined by a full suite of complementary software and services for pedo/ortho practices that includes mobile and cloud options — enabling you to grow your pedo/ortho practice.

For information on the full product line, you can visit www.dolphinpedo.com.