Technology changing patient education

Technological advancements are perpetual catalysts for changes that continue to transform the way we operate on a daily basis. For progressive practitioners, the constant wave of new technology provides an auspicious opportunity to increase prosperity and experience substantial benefits in other areas.

For decades, dental practitioners have been pigeonholed to tediously repetitive practices such as the monotonous treatment of caries and removal of plaque buildup. Despite this, the prevalence of malocclusion in modern children is approaching 100 percent and this growing incidence is enabling dentists to widen their scope of practice with the prospect of providing biological-based orthodontic treatment for children. Additionally, the recognition of sleep-related breathing disorders in dental patients is increasing, with recent research finding a relationship between the prevalence of malocclusion and dysfunctional breathing.

With this in mind, practitioners looking to diversify their pediatric treatment options in the increasingly competitive market that is modern dentistry should consider the benefits modern technology can offer. The implementation of e-learning tools in American classrooms has produced a generation of students that feels comfortable using screen-based technology for self-directed learning and is appreciative of the low-pressure environment it offers.

Senior Myobrace Educator Jessica Maidman is an advocate for patient education through the use of digital learning tools, and she considers the patient’s first encounter with The Myobrace® System an important stepping stone for ongoing education and compliance. "As an educator, I use our Myobrace apps to deliver information to my patient in a child-friendly manner. It helps them understand the causes of their developmental issues, as well as the need for early intervention and corrective treatment," Maidman said. "I have learned that children respond much better to learning from new and interesting technologies rather than an authoritative figure such as a dentist. The results are much more consistent because the information is being delivered the same way each and every time."

Myofunctional Research Co. (MRC) provides eLearning software in all major digital platforms, enabling simple implementation for almost any practice. Taking advantage of these modern technologies enables any practice to transform into a tech-savvy environment that has an edge over competitors.

MRC regularly hosts seminars in the United States that provide practitioners with hands-on experience in learning new myofunctional techniques for the treatment of malocclusion, dysfunctional breathing and TMJ disorders as well as the implementation of eLearning tools in almost any practice. Visit www.myoresearch.com to find a seminar near you or learn more about the Myobrace Member and Certified Provider programs.

(Source: Myofunctional Research)
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Ultra-bright light is ultralight in weight

High-definition, uniform light at maximum intensity

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™ uses the new high-definition imaging in an ultra-lightweight headlight in combination with the new Micro power pack. According to the company, the Micro is the market’s 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 also has added high-definition imaging to the LED DayLite Wireless Mini HDi, 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 either HDi headlight 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.

Designs for Vision is also featuring the "REALITY five-star-rated" Micro 3.5EF Scopes, which use an innovative 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-oralcavity view at 3.5x magnification.

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

Designs for Vision has expanded into a new 67,500-square-foot location at 4000 Veterans Memorial Highway in Bohemia, N.Y. To see photos of the facility you can visit www.DesignsForVision.com/move.htm.

You can see the Visible Difference® yourself by visiting the Designs for Vision’s booth (No. 611) at the American Association of Oral & Maxillofacial Surgeons meeting in Chicago, Oct. 11–13 and/or its booth (No. 905) at the American Dental Association meeting in Honolulu, Oct. 18–20.

You also can arrange a visit in your office by contacting the company at (800) 345-4009 or via info@dvimail.com.

Disposable application system mixes two-component materials

The Unit Dose 0.5 ml from Sulzer Mixpac has clear visual indicators to ensure that the user can see at a glance whether the system has been activated and is ready to use.

(Source: Sulzer Mixpac)