Consider the use of non-surgical laser applications in treatment of facial esthetics

By Harvey S. Shiffman, DDS

Erbium Yag and Neodymium Yag are two of the most researched wavelengths in medicine and dentistry. Both of these wavelengths are found in our Fotona Lightwalker laser Smoothlase uses the photothermal capabilities of the Erbium and Neodymium lasers to convert and initiate the formation of new collagen in mucosal tissues and supporting tissues of the face and lips.

**Indications**

These wavelengths can be used for patients with age- and lifestyle-related loss of facial volume, elasticity and dryness all caused by loss of collagen. Also as a preventative therapy to maintain “young collagen.” Patients who do not want surgical intervention or artificial materials injected.

What happens when we hand a mirror to our patients to view results of our dental restorations? They immediately check their hair, facial wrinkles and sagging. Facial esthetics are a concern for most of our dental patients. We can provide beautiful, functional dental reconstructions, and the patient still has facial loss of tone, wrinkles, lip imbalances and loss of elasticity.

The Smoothlase group of intraoral laser rejuvenating procedures use both of these same wavelengths to tighten skin, improve elasticity, skin tone and texture in a minimally invasive manner all from inside the mouth. Liplase can rejuvenate, plump, define and balance the lips without injections or artificial materials. These procedures are fully within the scope of dental practice and allow practitioners to give our patients the “finishing” treatments needed and desired.

**Consider using Fotona Smoothlase to convert and initiate the formation of new collagen in mucosal tissues and supporting tissues of the face and lips.**

Photos/Provided by Fotona

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Align University Training Institute opens in Shanghai

Align Technology Inc. has opened the Align University Training Institute in Shanghai, China. This is Align’s second training facility in China. The company opened its Chengdu training center in 2017. The newest center represents the company’s commitment to clinical education and support for dentists in China. It will be a major training facility that will enable Align to educate dentists and showcase the company’s latest product and technology innovation in orthodontic treatment and digital dentistry.

Major growth expected in China

“We see enormous potential in China, with a growing demand for Invisalign clear aligners,” said Julie Tay, Align Technology senior vice president and managing director, Asia Pacific. “As consumer demand grows, we want to ensure we provide our doctors with the latest innovation and training to deliver great outcomes for Invisalign patients — and ultimately more beautiful smiles. This is another important investment we are making in China to provide localized training and support to our doctors, as we continue to lead the industry in clear aligners and digital dentistry.”

According to the company, the Align University Shanghai Training Institute features state-of-the-art technology, including iTero intraoral scanners and dental simulation equipment. It holds three training rooms, including one multiple training room, a ClinCheck workshop room and a demonstration lab for iTero intraoral scanners and dental simulation equipment.

The institute will provide training, clinical education programs and demonstrations of the tools and processes used in a range of treatment options. China is the second largest market for Align. The company opened its first office in Shanghai in 2011 and today has more than 1,200 employees in seven offices across China. To date, Align has trained more than 150,000 Invisalign practitioners worldwide.

About Align Technology

Align Technology designs and manufactures the Invisalign system — one of the most advanced clear-aligner systems in the world — and iTero intraoral scanners and digital dentistry equipment.

For additional information about the Invisalign system or to find an Invisalign doctor in your area, go to www.invisalign.com. For more about iTero digital scanning, you can visit www.itero.com.

(Source: Align Technology)
Dentsply Sirona goes big at IDS 2019

Comprising more than 2,000 square meters, Dentsply Sirona’s two booths made a big impression at IDS 2019. Bringing to life the motto ‘Inspired by your needs,’ the world’s largest manufacturer of dental products and technologies presented a wide array of innovative offerings for dental professionals. The products presented, such as Primescan and Surefil one, can play a key role in helping dentists and dental technicians provide their patients with optimal treatment.

The Dentsply Sirona team wore matching blue and orange sneakers to demonstrate a unified spirit in presenting Dentsply Sirona as a customer-centric company.

“At IDS 2019, we demonstrated that ‘Inspired by your needs’ is much more than just a motto for us,” said Don Casey, CEO of Dentsply Sirona. “Our mission is to translate the needs of dentists into products. We have shown over these five days that we can make a difference for dental professionals with our investment in R&D, education and training. Dentsply Sirona has presented itself as a new, dynamic and agile company that focuses on one thing above all else: the customer. More than 14,000 live demonstrations at the IDS booth and 300 product courses in one week underline this impressively. It is this interaction with our customers that drives us forward as a company and complements our $50 million annual investment in R&D.”

In the more than 100 live treatment procedures on two stages at the booths, visitors could see for themselves just how quickly, easily and precisely impressions can be produced with Primescan, the new intraoral scanner for CEREC. According to the company, a whole-arch scan can be produced with Primescan in less than one minute, making this product a versatile partner for all areas of dentistry, from restorative treatments and orthodontics to implant dentistry. One example of this is the fully digital production of SureSmile Aligners for straightening teeth. For this, the scan is combined with a 2-D X-ray and a photo of the patient. Seamless, validated interfaces simplify the process noticeably, giving dentists the flexibility they desire, the company asserts.

Surefil one, a filling concept for the posterior tooth region, also attracted a high level of interest. The self-adhesive restoration material combines the simplicity of a glass ionomer with the stability of a conventional composite and has good esthetic properties. This allows a cavity to be treated in just one layer without retentive preparation, making the entire treatment process four steps shorter (and about seven minutes quicker).

Visitors to the booth were able to experience the innovations first hand in live demonstrations and try them out themselves on the model.

The survey “1 profession. 1,000 jobs.” provided a starting point for in-depth discussions with customers and partners — numerous visitors to the booth took part at www.1profession1000jobs.com — and the results confirmed that in addition to treating patients, dentists and dental technicians perform a whole range of other tasks.

(Source: Dentsply Sirona)