BEAUTIFIL Flow Plus is now available in B1, B2 and C2

BEAUTIFIL Flow Plus restorative is ‘changing dentistry for the better’

Shofu will be demonstrating its revolutionary product BEAUTIFIL Flow Plus during the Academy of General Dentistry Annual Meeting at booth No. 319 this year. The injectable injectable hybrid restorative is now available in three new shades — B1, B2, and C2 in both viscosities, giving dentists even more esthetic treatment options at their fingertips.

The product combines mechanical properties that rival leading hybrids, with the superior adaptation that can be achieved only with a flowable delivery. Approved for all indications (Class I-V), this new concept avails new clinical techniques that promise to revolutionize how restorations are packed, while at the same time, provide a host of benefits and advantages over traditional hybrid layering techniques.

All-in-one base, liner and restorative

Traditional methods of filling and packing hybrids can be time consuming, presenting technique-sensitive issues that may result in post-op sensitivity and/or failure of the restoration.

With BEAUTIFIL Flow Plus, material can be syringe-delivered where needed and cured in mm increments all the way up to the occlusal surface. See Figures 2 and 3. Class I restoration, before and after. Using a single material not only simplifies the steps to perform restorations, it allows inventory needs and helps facilitate both setup and cleanup — making for a more productive office.

Flowable adaptation with the strength of a hybrid

The flowable consistency of BEAUTIFIL Flow Plus provides superior adaptation to tooth structure when compared with hybrids, according to the company. Because the material is flowed into the preparation, rather than being packed as with hybrids, dentists can achieve a tight marginal seal with minimal instrumentation. This helps reduce the occurrence of voids inherent in traditional hybrid packing techniques. Unlike other flowables, BEAUTIFIL Flow Plus is approved for all indications, making it perfectly suited for difficult to reach Class IIs.

In addition to superior adaptation, BEAUTIFIL Flow Plus was specifically designed to stand up to the rigors of the occlusal surface and marginal ridge, according to the company. High filler content and unique chemical properties ensure that clinicians have all of the material strength found in leading hybrids. Internal studies confirm that compressive strength, flexural strength, toothbrush wear and other mechanical properties are clinically equivalent to leading hybrids on the market.

Using this new approach, dentists can achieve better adaptation, with a stronger material and fewer, less-complicated steps. It just stays put. One of the many distinguishing features of BEAUTIFIL Flow Plus is that it stays where you put it. Older-generation flowables tend to spill out of the prep. BEAUTIFIL Flow Plus provides precision stacking capabilities with no slump. This is particularly important when working at awkward angles or with fidgety patients.

Two distinct viscosities add to dentists’ treatment options. See Figure 4. FØØ/FØ3 material. “FØØ” Zero Flow (0.0 mm of flow held vertically for one minute) is ideal for stacking, especially in the marginal ridge. “FØ3” Low Flow (1 mm of flow held vertically for one minute) handles more like a traditional base or liner. That said, the mechanical properties for both viscosities are similar and can be used interchangeably. Both FØØ and FØ3 display self-leveling characteristics that make polishing easier than ever.

Clinically proven benefits

Shofu’s proprietary GİOMER technology utilizes “Surface Pre-Reacted Glass” (S-PRG) filler, providing a wealth of benefits for high-caries-index patients, according to the company. Simply put, S-PRG filler is composed of a glass core with a surface-modified layer that protects the durability and aesthetics of the glass from moisture, while still allowing beneficial ions to travel freely between the S-PRG filler and the oral environment.

Many competitive restoratives release fluoride initially, but deplete their charge within a matter of weeks. With S-PRG technology, fluoridated products, such as toothpaste and mouthwash, recharge the filler material, providing sustained preventative benefits over the life of the restoration.

Numerous independent clinical studies show S-PRG fillers to display biomechanical properties that help protect the restoration and surrounding tooth structure from harmful bacteria. Studies on BEAUTIFIL Flow Plus’s sister product, BEAUTIFIL II, a hybrid restorative, highlight these results. As published in JADA, a University of Florida study found that restorations containing S-PRG filler showed no failures, no secondary caries and no post-op sensitivity during an eight-year period. A 13-year recall of these patients is underway.

Quality and durability

For decades, Shofu’s “Brownies,” “Greenie” and other polishers have been synonymous with quality and durability in dentistry. While many companies would be complacent as the “go-to” polishing company, Shofu has been on a mission to change dentistry for the better with innovative chemical restoratives such as BEAUTIFIL Flow Plus. Exceptional strength, handling and unique bioactive filler technology make it a product worth seeing for yourself.

Coming soon: pit-and-fissure sealant

Building on the GİOMER line of products, and coming soon from Shofu, is BeautiSealant Pit and Fissure Sealant. BeautiSealant is a tooth-colored, fluoride recharging, pit-and-fissure sealant that reduces treatment time by completely eliminating the need for phosphoric acid etch and rinse steps. Using an advanced, self-etching primer, BeautiSealant is gentle on teeth, yet delivers superior shear and tensile bond strength compared with leading phosphoric acid etched systems.

(Source: Shofu)
Expert Dental CE instructors reflect international focus

When Expert Dental CE says it is international, it means it. With 25 percent of its course scholars from outside of the United States and past course takers from countries such as India, Spain and Egypt, Expert Dental CE walks its international talk.

“We are not internationally oriented because it is trendy, but because it allows us to bring to our customers, in the United States and elsewhere, the best educators we can find, wherever they may be,” says Bill Martin, managing director and chief operating officer of Expert Dental CE.

As for whether this international focus also translates into serving dentists worldwide, Martin said: “We have found that dental professionals from around the world, particularly in developing countries, are searching for high-quality C.E. that is independent from commercial sponsorship, focused exclusively on the teaching of practical and sustainable skills, and that includes highly-skilled educators from the United States and beyond, well-known or not. That fits nicely with the Expert Dental CE approach and mission.”

Below is a list of some of Expert Dental CE’s international educators and their courses:

- **Peter Cathro** (New Zealand): “Instrumentation: The Science and Art” and “Solutions, Energization & Delivery Systems.”
- **Markus Troeltzsch** and **Matthias Troeltzsch** (Germany): “Successful Treatment of the Diabetic Patient” and “Management of Pregnant Patients in the Daily Office.”
- **Catalina Mendez** (Colombia): “Obturation: Basis, Objectives and Techniques.”
- **Geoffrey Heithersay** (Australia): “Endodontics and Trauma Management in the Age of Implants.”
- **Ahmed Hashem** (Egypt): “Perforations: “The Endodontic Dilemma.”
- **Stefan Fickl** (Germany): “Management of the Extraction Site.”
- **Federico Brugnami** and **Alfonso Caiazzo** (Italy): “Buccal Plate Preservation: A Predictable Solution to Anterior Aesthetic Management.”

To view more information about the scholars above or their courses — or to explore Expert Dental CE’s 110-plus-hour course library — you can visit [www.expertdentalce.com](http://www.expertdentalce.com).

(Source: Expert Dental CE)

**INDUSTRY NEWS**

Website www.expertdentalce.com features C.E. courses, new products and a community of dental professionals. It’s open to all dental professional and also works with companies and other organizations to present custom training content to those organizations’ staff, members or affiliates. Photos/Provided by Expert Dental CE.
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Erbium & Nd:YAG
PHAST™ PIPS™ Laser Endo
Dual Wavelength Perio Protocol
The Endo, Perio, Soft & Hard Tissue Laser

LIGHTWALKER AT, A CLASS OF ITS OWN,
NOTHING COMPARES:

- 20 Watt Er:YAG Hard & Soft Tissue = Faster Cutting
- 15 Watt Nd:YAG = Proven Perio Wavelength
- QSP & YSP Technology = Faster More Precise & Comfortable Procedures
- 50µs Er:YAG Pulse Duration = Fewer Shots & Less Anesthesia
- OPTOflex Articulated Arm Delivery System = Enhanced Efficiency & Reliability
- Xrunner™ Scanner Ready
- Options for Snoring, Facial Aesthetics and Dermatological Procedures
- Internal Air Compressor, Eliminating External Airlines
- Optional Green High Visibility Aiming Beam

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Aribex adds a color, upgrades features on NOMAD Pro 2

Aribex, manufacturer of the newly released NOMAD Pro 2 handheld X-ray system, has introduced a new color option, black with gray trim, of the NOMAD Pro 2 into the U.S. dental and veterinary markets. The traditional white with light blue trim Pro 2 model will continue to be available, and both models can be purchased from most major dental equipment dealers.

"Dental offices are adding more color and variety to their practices," said Ken Kaufman, general manager of Aribex. "The NOMAD Pro 2 is the future of intraoral dental radiography, and, as such, our customers deserve an additional sleek choice of color to best match the décor of their practices. Although the addition of the black model is new, the acceptance of hand-held, battery-powered, untethered X-ray is not," Kaufman said. "Upholding a market void of significant improvements for decades, the NOMAD is now preferred over traditional wall-mounted intraoral X-ray machines. It is more economical, improves workflow, reduces FMX time and just flat-out makes sense."

The Pro 2 features a newly designed charging cradle, an upgraded communication system using infrared technology, an increased scratch- and moisture-resistant screen and several other improvements to electrical and industrial components. According to company officials, the Pro 2 is not a completely new device, primarily offering superior battery performance and improved reliability and durability when compared to earlier versions.

(Source: Aribex)

New from DENTSPLY Caulk: Palodent Plus EZ Coat Matrices

Palodent® Plus, DENTSPLY Caulk’s newest sectional matrix system, is designed to make contact creation easier and more predictable by utilizing optimized ring, band and wedge technology to consistently provide accurate contacts. The Palodent Plus EZ Coat Matrices have a micro-thin, nonstick finish that, according to the company, makes matrix removal easier. Also, greater matrix curvature helps to improve the anatomical accuracy of the restoration and avoid interference with the ring during placement.

For more details, you can visit www.palodentplus.com or call (800) 532-2855.

(Source: DENTSPLY Caulk)
Dental marketing in 2013: Your website is your smile

By Patrick Goodness, CEO
The Goodness Company

In a recent survey conducted by www.match.com, more than 5,000 American single adults, both male and female, were asked how they judge members of the opposite sex for attraction and compatibility. Seventy-one percent of women and 58 percent of men rated the smile as the most important attribute for measuring attractiveness.

For those in the dental marketing industry, this report comes as no surprise. Additional support for the importance of a beautiful smile comes to us from a survey by the American Academy of Cosmetic Dentistry (AACD).

This survey concludes that nine out of every 10 adults in the United States consider an attractive smile to be an important social asset and eight out of 10 believe that an unattractive smile makes a person less appealing to the opposite sex.

Is your website’s first impression attracting the right patients?
It is clear that a beautiful, white smile is critical to overall attraction and to making a successful first impression. But in the world of dental marketing, how important is your dental clinic’s website in making the critical first impression and to attracting the right patient?

According to Dr. Hong Sheng, who conducted an in-depth eye-tracking research study at Missouri University of Science and Technology, it takes a website user less than two-tenths of a second to form a first impression when viewing a website and only 2.6 seconds for a user’s eyes to land on an area of a website that impacts his or her first impression.

What draws the most attention on websites?
According to the study (Science Daily, Feb 15, 2012), the website locations that drew the most attention of study subjects were as follows:

• Logo: Subjects viewed the logo for about 6.48 seconds before moving on.
• Main navigation menu: Subjects viewed the main navigation menu for an average of 6.44 seconds.
• Search box: Subjects viewed the search box for just over 6 seconds.
• Facebook and Twitter links: Subjects spent about 5.95 seconds viewing these links.
• Main home page image: Subjects’ eyes fixated on the main home page image for an average of 5.94 seconds.
• Written content: Subjects spent 5.59 seconds viewing written content.
• Bottom of a website: Subjects spent about 5.25 seconds viewing this area of the home page.

According to an in-depth eye-tracking research study at Missouri University of Science and Technology, it takes a website user less than two-tenths of a second to form a first impression when viewing a website and only 2.6 seconds for a user’s eyes to land on an area of a website that impacts his or her first impression.

Photo Provided by The Goodness Company

Invest in your online smile
Time and again I hear dentists telling their patients the importance of quality dental work and the value of investing in the best dental care for future health and happiness. Yet, a cursory review of thousands of dental practice websites across the U.S. reveals a surprising lack of investment in quality dental website design, dental branding and informative dental procedure content.

In short, the dental industry’s online smile is a bit stained and missing a few teeth.

As a dentist or dental clinic owner, your success in the increasingly competitive dental marketplace is predicated on your ability to communicate with potential patients about what makes you different and most importantly what makes you better than your competitors. This is a valuable element of results-driven dental practice marketing.

Build a patient base that knows you, likes you and trusts you
An investment in quality branding and website development for your dental practice is critical to building patient base that knows you, likes you and trusts you. That’s the foundation of health care relationship marketing.

The AACD reports that nearly half of all participants surveyed said they would like to make some improvement in the appearance of their smile.

If your dental practice is out of date, your website needs a makeover or it’s time to rethink your marketing approach.

In short, the dental industry’s online smile is a bit stained and missing a few teeth.

“Would I be impressed with my first impression?” It’s never too late to make an improvement to your online smile.

‘In short, the dental industry’s online smile is a bit stained and missing a few teeth.’

By Patrick Goodness, CEO
The Goodness Company