Chairside zirconia fix saves time and money

German manufacturer VOCO, with Cimara Zircon, is introducing a new complete chairside zirconia repair system to restore fractures in zirconium dioxide veneers and crowns in a few simple steps. The system saves time because there is no need for removal of the old restoration, impression taking, making the provisional and requiring a second appointment. It saves money because there are no lab bills.

The kit includes: special zirconia grinding burs; a primer that is specifically developed to bond to zirconium dioxide; an adhesive that bonds to all light-, dual- or self-cured composites; and GrandioSO nano hybrid composite for the final esthetics.

The primer/adhesive system is also available as a separate item and can be used to increase the bond strength of new zirconium dioxide restorations when using resin cement.

The repair with Cimara Zircon creates a permanent bond between zirconium dioxide ceramic and composite.

Chairside zirconia fix saves time and money

Here in Toronto

Learn all about VOCO and Cimara Zircon and other VOCO products in the VOCO Canada booth (No. 64a). You can contact VOCO Canada at (888) 847-0232 or visit the website www.voco.com. You can learn about earning free C.E. credit at www.vocolearning.com.

Thanks to Sirona Implant Software, CBCT workflow is now more efficient than ever before, and I look forward to the journey with Sirona 3-D!
Dental Savings Club has a wide variety of dental instruments and other products at great savings, thanks to a unique web-based automated ordering system that minimizes expenses and passes savings to customers.

WOlf handpieces
Despite the fear it might invoke in patients, the conventional drill remains one of the most important instruments in a dental practice. Although maintaining and repairing these vital instruments can be pricey, such preservation is necessary because of frequent usage and the need for steam autoclaving after each use. Dental Savings Club is already known for great savings on KUT carbide and diamond rotary instruments, Kopy impression material and Hugs and Kisses hygiene instruments and whitening products.

The WOlf handpieces line builds on this reputation for cost efficiency. These lightweight handpieces are available for most systems (KaVo, NSK, W&H, Midwest, Star and 4-hole systems). They are well-balanced and include swivel capability (although couplers are not included), push-button chucks, fiber optics with LED beams (for shadow-free visibility) and a triple-port water spray. WOlf handpieces are known for their low maintenance and repair costs. Their power output is at 18 watts, and the handpiece spins at 400,000 rpm. Best of all, you can purchase a new WOlf handpiece for far less than it costs to repair many name-brand handpieces.

KOPY impression material
The name says it all: It implies this material will copy your preparations and margins exactly as they are — and it does. This material is manufactured in the United States and sold by a company based in Canada. Various setting times and viscosities are offered in the Kopy line. For example, for a full-arch impression, this vinyl polysiloxane (VPS) material has 4.5-minute setting time (2.5-minute working time) for the monophase (medium body) as well as both the heavy body and light body materials (wash) so it will accommodate any impression technique. For single crowns there is a similar variety of viscosities, and the setting time is listed as a fast set of just 2.5 minutes. Color differentiation is good, and it pours nicely.

To round out the product line there is a bite registration material that sets in just 50 seconds; and there is an alginate replacement material cleverly named “Algn8” that has a working time of 90 seconds and sets in 2.5 minutes. It is competitively priced for replacing conventional alginate. Alginate substitute advantages include: There is no immediate pour needed; it remains stable for weeks; and it can be poured multiple times (up to five times per the manufacturer).

Currently, the product is available in only 50-ml cartridges, but bulk cartridges should be available soon. For those who still use putty, Kopy also has a nice quality putty available in tubs for mixing by hand.

The Dental Savings Club sums up its high-tech, automated business model as: “More products. Less money.”

(Source: Dental Savings Club)
Newly approved: radiopaque injectable hybrid restorative

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

Shofu will be demonstrating its revolutionary product BEAUTIFIL Flow Plus during the Ontario Dental Association Annual Spring Meeting at booth No. 1127. You can contact Shofu Dental Corp. at (800) 873-4638 or visit www.shofu.com.

Here in Toronto
Learn all about BEAUTIFIL Flow Plus at booth No. 1127. You can contact Shofu Dental Corp. at (800) 873-4638 or visit www.shofu.com.

Newly approved in Canada, BEAUTIFIL Flow Plus radiopaque, an injectable hybrid restorative, combines mechanical properties that rival leading hybrids.

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 Fig. 4. F00/F03 material. “F00” Zero Flow (0.0 mm of flow held vertically for one minute) is ideal for stacking, especially in the marginal ridge. “F03” Low Flow (3 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.

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. 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 on the market, BEAUTIFIL Flow Plus is approved for all indications, making it perfectly suited for those difficult to reach Class IIs.

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In addition to superior adaptation, BEAUTIFIL Flow Plus is approved for all indications, making it perfectly suited for those difficult to reach Class IIs. Exceptional strength, handling and unique bioactive filler technology make it a product worth seeing for yourself.

A 13-year recall of these patients is currently under way.

Quality and durability
For decades, Shofu’s “Brownies,” “Greenies” 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.
Hands On Training Institute keeps improving ‘sweet spot’

By Ken Hebel, BSc, DDS, MS, Certified Prosthodontist

If asked “What’s your key lesson learned after teaching and practicing implant and reconstructive dentistry since 1983,” my answer is ‘Find the sweet spot in course content and delivery that gives dentists the confidence to go back to their offices and immediately implement what they learned.’

All the training in the world does dentists no good if they can’t go back to their practices and immediately apply what they’ve learned to improve patient care and grow their practices. The obstacles to effective application are usually:

1. A lack of confidence in their ability to apply what they were taught, caused by too much confusion about what they learned.
2. The inability to recall what they were taught because of how the information was delivered to them.
3. Or, the information was more theoretical than clinical.

At Hands On Training Institute, we knew we hit the sweet spot when more than 95 percent of our graduates were implementing implant dentistry into their practices almost as soon as they got their suitcases unpacked. Some faster than that.

How did we build this kind of confidence and ability? Simply put, Dr. Reena Gajar and I continuously evolved our training from old-school techniques to embrace what we’ve distilled as five key observations based on teaching fundamentals:

1. Hands-on training. Dentists wanting to learn implant training are clinicians. Teach them from a clinician’s viewpoint using good, quality information that’s relevant to their everyday practice. Implement hands-on modules to build practical skills and confidence.
2. Content structure. Course content must be structured in a well-organized format that is easy to understand. Making it easy is the hard part.
3. Content delivery. The way the information is delivered is critical to how the participant learns.
4. Take-home resources. Long-term content retention in a course is relatively low. Provide comprehensive materials that the dentist can take back to his/her practice as a valuable reference and a continued learning experience.
5. One Instructor. Having one instructor, rather than multiple instructors, allows for consistency in instruction and philosophy and provides a solid foundation that dentists can later build on.

To clarify, courses, even if taught by multiple instructors, must carry the same concept and ideas throughout in order to be clearly understood. Like a child stacking blocks, each lesson must build upon the prior lesson for dentists to understand the message and see a clear path toward the goal. If a student receives a disjointed, disconnected sequence of lessons or modules, confusion results.

Using our key observations, we evolved past PowerPoint decks toward using high-quality graphics. We wanted to put the best graphics out there because people learn better with relevant images. We produced high-quality, live surgical videos with narration and animations. We used advanced software and created custom animations, thus using a combination of methods to deliver the information in a more understandable way.

At a major meeting in London, England, I was invited to lecture about patient education marketing. I introduced the premise that if a patient isn’t educated about a procedure and doesn’t know what’s going on, how can a dentist expect that patient to buy into a procedure? To showcase my point, I covered the video portion of my presentation so that only the narration could be heard. Later, I unmasked the video animation. The difference between the low-value learning (narration only) and the high-value learning (adding video) had tremendous impact on the audience. Dentists sitting in a lecture room subjected to little visual stimulation have the same low-value learning experience, which is why we keep stepping up our content delivery. And we noticed something.

What we noticed, after increasing multimedia content delivery to include a four-volume manual set with colored images and captions to give the complete flow of information for the course, was that almost all the students were scribbling less and paying attention more! We received feedback that students could actually listen and not take notes. Taking notes had distracted them from the content, and now they were confident they could refer to the manuals later if needed.

And so we observed and evolved once more. Our newest innovation, MyDentalPad, which we introduced at the Midwinter Meeting in Chicago earlier this year, is also featured in our exhibit hall booth for the Ontario Dental Association Annual Spring Meeting (booth No. 324).

MyDentalPad is a fully loaded digital tablet that enables dentists and their staff to easily carry 11 days of implant training material, to have available when they need it.

Containing all the images, text and fully narrated animations and live video, this tablet is a paradigm shift from traditional delivery methods of educational content. At the end of the day, it’s our passion to deliver high quality, ethical training that hits the sweet spot — dentists returning home to grow their practice with confidence. We’re looking at MyDentalPad and other similar resources as the newest technology that will push the confidence level of implant dentists through the roof or, even better, reach for what one of our California graduates referred to our program as “… one of the best ways to implant dentistry heaven.”

As a (slightly) younger dentist might say, “Sweet.”