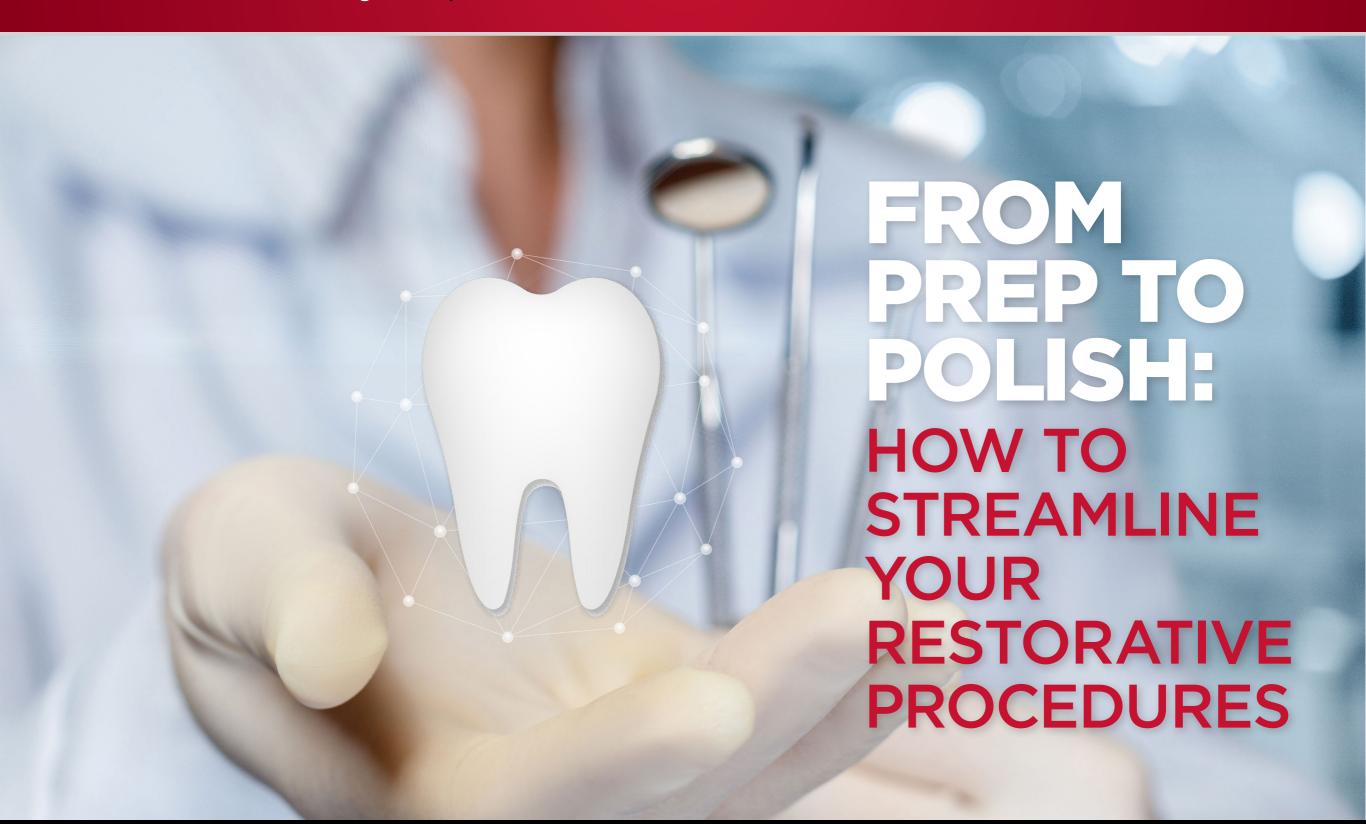
Dentistry[®]

EBOOKS



ACHIEVING THE VERY BEST BESULTS FOR YOUR PATIENTS

If you're like most clinicians, you are driven by many desires. Chief among these is taking pride in your work, as well as performing at a level that meets or exceeds your patients' expectations. You don't want to disappoint. And when it comes to restorative procedures, you desire the security of knowing that you will get predictable and consistent results.

How do you achieve these goals? Having the right tools in your arsenal is key, of course, as well as having access to top-notch clinical education and training. When you're equipped with the right products, backed by a company that understands the needs of clinicians, you can feel confident every step of the way, from prep to polish.



With the right tools in your arsenal, backed by top-notch clinical expertise, you can treat patients with confidence.







A CASE REPORT: ESTHETIC RESTORATION WITH AN OPTIMAL PROXIMAL CONTACT

In this case, the DualForce Matrix System is used in combination with Evanesce™ Nano-Enhanced Restorative Material to complete an esthetic restoration with an optimal proximal contact.









From left: Pre-op view of wide Class II on first molar requiring replacement; once ring is seated, the DualForce Sectional Matrix System provides a complete gingival seal with a tight vertical seal of the matrix band along with a strong and stable separation force, resulting in less chance of composite flash; first increment of Evanesce™ restorative material adapted to include DualForce Ultra-Wrap Matrix Band's pre-contoured occlusal lip, establishing an ideal rolling marginal ridge; and the completed esthetic restoration with an optimal proximal contact. (Photo credit: Dr. Parag R. Kachalia)

A comprehensive solution for virtually all direct composite procedures

The Direct Restorative System, now available from Brasseler USA, is designed to provide a complete and proven solution with components that all work together, making it easier to perform at your highest potential, from preparation to polish.

This comprehensive solution pairs popular diamonds, carbides and polishers with innovative restorative solutions such as composite materials, adhesives, desensitizers, sectional matrix systems, and dental dams. Every product in the line is compatible, provides options for varying techniques, and works to help restorative dentists achieve more predictable outcomes.



KEY POINTS:

- The Direct Restorative System, available from Brasseler USA, helps streamline procedures.
- The suite of products is exceptional in quality and performance.
- It's designed to help create an efficient workflow for all classes of direct composite restorations.



It's a comprehensive solution of compatible products to help restorative dentists achieve more predictable outcomes.





THE DIRECT RESTORATION ARMAMENTARIUM

With a comprehensive restorative system, it's easier to get exceptional results. Look for products that are compatible, offer options for varying techniques, and are designed to help achieve more predictable outcomes. Let's look at the components for each step.

Diagnostic

The diagnostic step is where dentistry and treatment begin. With the proper tools, examinations can be made easier for the clinician and more comfortable for the patient. High-quality diagnostic **hand instruments**, high-performing digital x-ray **sensors** and high-powered **headlight systems** can improve the quality of treatment, while simultaneously improving the work environment.

2 Tissue Management

A **soft-tissue diode dental laser** can help make dentistry easier and more painless than ever before. A laser is precise, causing less damage for better healing while producing predictable and outstanding outcomes. Look for a unit that is compact and lightweight, with preset procedures. A cordless and wireless laser is portable and easy to use in multiple operatories.

3 Isolation

Dental isolation gives dentists the ability to control the oral environment of a procedure by isolating the affected tooth. A **dental dam** ensures protection from blood, saliva, and debris. Isolating the field of view also allows the clinician to better focus during procedures by eliminating and reducing distractions.

From top to bottom: GEM Digital X-Ray Sensor, BLU Dental Microlaser, and True Dental Dam.















■ Failed Restoration & Decay Removal

Amalgam and composite restorations can fail for various reasons, whether due to wear, secondary caries, fractures, marginal deficiencies, or post-operative sensitivity; and decay is common. When a failed restoration or decay needs to be removed, distinctive, high-quality diamonds, carbides, and handpieces can help make this step in the procedure effortless and precise every time.

Preparation is key for restorative success. When preparing a defective, injured, or diseased tooth to receive restorative material, whether using carbides or diamonds, high-quality burs are essential.

Dental matrix systems improve restorative success. An advanced sectional matrix system for use with Class II composite restorations can improve success. It provides consistently tight posterior contacts and delivers increased separation force to reduce flash. The best system is stable and easy to place.

From left to right: High-quality diamonds and carbides; DualForce Matrix System Rings; Matrix1 Rapid Provisional & Lingual Matrix Material.

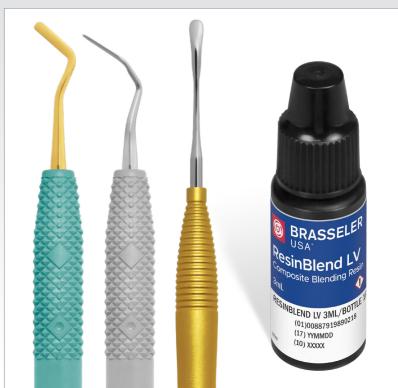
Lingual Matrix

A lingual matrix is used to build up layers of composite during Class IV restorations. Traditional methods for Class IV restoration are to free hand or press composite against a clear mylar strip, which can be unstable and too thick, therefore an effective, fast set impression material is a valuable component for clinicians to use for anterior restorations that can lead to highly esthetic and efficient results.









The bond to enamel is the most important bond and determines the longevity of your restoration as well as the integrity of the composite/enamel margin. The dentin bond is also key and determines the postoperative sensitivity your patients could experience. The total-etch technique provides the highest bond strength to enamel while demineralizing the dentin and removing the smear layer. The right products should work together seamlessly to provide a trusted total-etch system.

Composite

The right **composite**, whether a universal or flowable, will provide patients with beautiful dental restorations that last. An ideal composite will come in a range of shades and opacities. An ideal composite will have putty-like handling and will not slump, come in a range of shades and opacities (including bleach shade), and polish quickly while maintaining high gloss retention.

Placing, Shaping, Blending & Curing

Being able to successfully manipulate composite makes the job easier. Shaping and contouring before light-curing results in decreased finishing time and equals efficiency and esthetically pleasing restorations.



From left to right: Max Etch, G5 Desensitizer and MPa Max Adhesive; Evanesce syringe and compule; and REJ, Composite Ninja and Esthetic Contouring with ResinBlend LV.







Finishing

Finishing instruments are used to shape, strip, contour, and add texture to composite. The tools include **trimming and finishing carbides and finishing diamonds**. Look for ones that have a safe-end, non-cutting tip design for finishing subgingival and to minimize sensitivity and for burs with innovative blade geometry to reduce clogging.





13 Procedure Systems

Take the guesswork out and streamline the process to predictability, practicality, and repeatability in contouring, finishing, and polishing with a **procedure kit**. A step-by-step kit can simplify the final restoration while satisfying the most esthetically demanding patients.

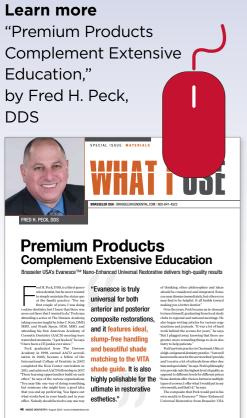
Thorough and complete polishing can require the use of a sequential series of **polishers, brushes, discs, strips, and paste**. It's important to choose the right polishers for the job. Quality polishers and handpieces are available for virtually every need.



From left to right: ET Carbide with C-Series Carbide; and Diacomp Feather Lite and ComposiPro Brush.

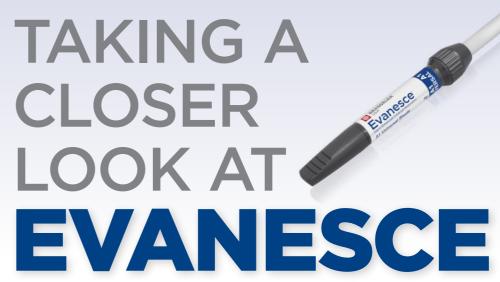












Evanesce™ Nano-Enhanced Restorative Material comes in a range of shades and opacities that blend, adapt, contour naturally, and polish to an ultra-high shine.

Watch the Video:

Robert C.
Margeas, DDS,
discusses
Brasseler
Evanesce™
Universal
Restorative
Composite

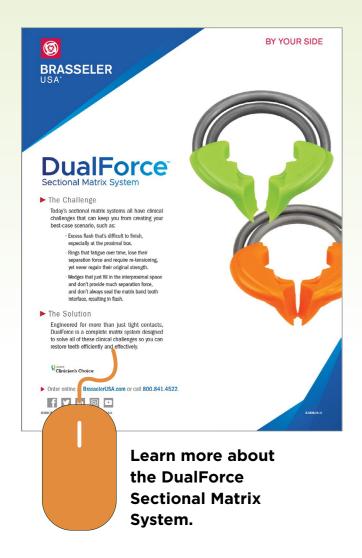


KEY POINTS:

- It's durable.
- · It has exceptional, putty-like handling.
- It is highly polishable.
- It blends effortlessly with natural dentition for beautiful esthetics.
- It's versatile.

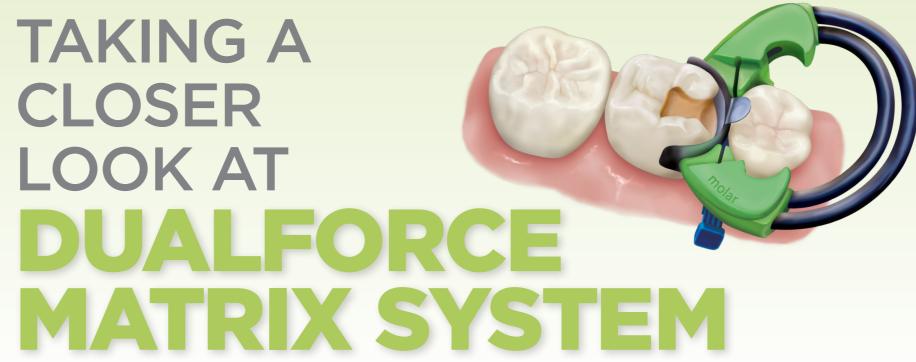






KEY POINTS:

- Tight posterior contact
- Increased separation force
- Stable and easy to place



Engineered for more than just tight contacts, the **DualForce Sectional Matrix System** is designed to solve all your clinical challenges, so you can restore teeth efficiently and effectively.

The system includes:

- DualForce[™] Rings
- DualForce Active-Wedges[™]
- DualForce Ultra-Wrap[™] Matrix Bands





Watch the Video:

Dr. Dean Kois discusses Brasseler DualForce Sectional Matrix System







When it comes to dental restorations, Brasseler USA offers a proven solution with compatible products that provide options for varying techniques for more predictable outcomes.

SUMMING IT ALL UP

Brasseler USA has assembled this full line of direct restorative products to give you everything you need for a restoration—from diagnosis, removal, preparation, trimming, and finishing to polishing—all hand-selected by the company's own team of thought leaders. It's a complete solution—**from prep to polish**.

The bottom line: Brasseler USA's Direct Restorative System makes it easier for you to perform with enviable expertise.





ABOUT THE COMPANY

For over 45 years, **Brasseler USA** has been a trusted source for premium and innovative dental products for restorative and endodontic procedures. It is the company's mission to advance dentistry by being "By the Side" of the dental community and to enable clinicians to deliver the best care to their patients.

Brasseler USA is excited to announce a new Direct Restorative System that provides a complete and proven solution, from preparation to polish, that works together and makes it easier for dentists to perform at their highest potential.

The preceding material was provided by the manufacturer. Statements and opinions are solely those of the manufacturer and not of the editors, publisher, or the Editorial Board of *Inside Dentistry*.





THANK YOU TO OUR SPONSOR: BRASSELER USA



Making it easier to get to "Wow!"

Introducing a comprehensive direct restorative system that makes it easier for you to perform with enviable expertise and delight your patients.

- Exceptional restorative materials
- Trusted, high-quality instruments
- Direct consultative sales force

Visit BrasselerUSADental.com/Direct-Restoration to connect with your representative and learn more about our direct restorative system.

Visit our website at BrasselerUSA.com
To order call 800.841.4522 or fax 888.610.1937.

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ADDITIONAL RESOURCES



Direct Restoration System



Education Library



Evanesce™ Nano-Enhanced Restorative Material