



**FAUZIA KHAN, DDS**

**Practice Location:**  
Chicago, IL

**Dental School:**  
University of Tennessee –  
Memphis



**THOMAS GILBERT, DDS**

**Practice Location:**  
Fort Wayne, IN

**Dental School:**  
Indiana University



**STEVEN EDELSON, DDS**

**Practice Location:**  
New York, NY

**Dental School:**  
New York University  
College of Dentistry



**FOR FREE**

**INFORMATION:**  
800.921.4806  
ext. 262

www.dps.li/  
a/5Y6-379

## VISTA DENTAL PRODUCTS

# Phasor

*A photon-induced composite warming system for better adaptation, reduced voids, and improved depth of cure*

Vista Dental Products is heating up the market with its new composite warming system, Phasor. With the touch of a button, the handheld Phasor heats composite material to 150°F in seconds and will maintain that temperature during the entire procedure. According to Vista, the patent-pending device is the first of its kind, using near infrared technology to rapidly warm highly filled composite compules, while the gun remains cool to the touch. Heating composite with Phasor allows clinicians to experience the benefits of a bulk fill and flowable composite all at once. Phasor's heating technology increases the flow characteristics and lowers the viscosity of composite material—allowing it to better flow and adapt to cavity walls—without modifying its color or stability. The composite remains sculptable, non-sticky, and easy to shape during manipulation.

### **DPS** Why did you first start using Phasor and did it meet your clinical needs?

**Dr. Fauzia Khan:** I was hoping to improve the ease of handling composite and found that the Phasor was easy and convenient to use.

**Dr. Thomas Gilbert:** I wanted to try this product because I was hoping that the improved flowability of a heated composite would reduce the number of voids that occur in the proximal box. I think it addressed the problem well as the composite was easy to work with when warmed, and it seemed to be adapted to the pocket better than unheated material.

**Dr. Steven Edelson:** A heated composite increases the flowability of the resin and allows the material to fully adapt to the cavity walls of the preparation. I wanted to compare composite heated with Phasor to my current pre-loaded flowable material.

### **DPS** What was your favorite feature when you began using the Phasor?

**Dr. Gilbert:** The heating element worked well, the composite warmed nicely and was easy to handle and pack down into the pocket.

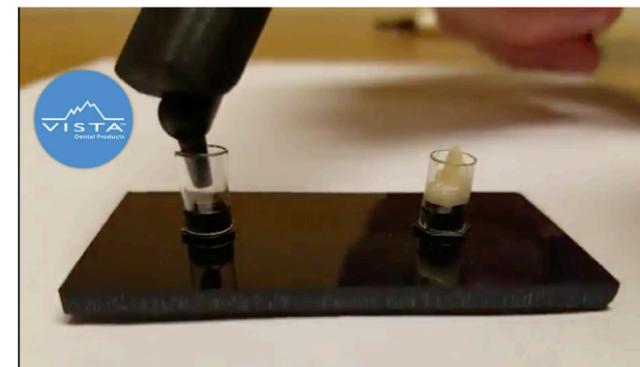
**Dr. Khan:** Phasor used heat to increase the flowability of the composite, resulting in better adaptation.



**"BECAUSE PHASOR WAS SIMPLE AND CONVENIENT TO USE, IT WAS QUICK AND EASY TO GET THE PATIENTS IN AND OUT OF THE CHAIR. AS A RESULT, MY PROCEDURES WERE A CAKEWALK."**

—Fauzia Khan, DDS; Chicago, IL

**Dr. Edelson:** I can use any brand of resin composite with this product, which makes it a very versatile tool.



Check out this side-by-side comparison of room temperature composite vs. composite heated with the Phasor system.

## SHARE THE WARMTH

**"As soon as a composite gun is removed from a conventional warmer and introduced to the oral cavity, much of the heat has been lost. Phasor maintains this temperature throughout the procedure. However, the unique technology allows for the gun to remain cool to the touch."**

—Nick Pond, Product Manager, Vista Dental Products.

### **DPS** How did this product save time or improve procedures?

**Dr. Khan:** As a dentist in a correctional facility, I see patients back to back, and any product that can speed up a procedure is beneficial. Because Phasor was simple and convenient to use, it was quick and easy to get the patients in and out of the chair. As a result, my procedures were a cakewalk.

**Dr. Gilbert:** The heated element softens the composite to make it flow into the prep or band easier for less voids and better adaptation. Using this device really didn't add any time and it seemed to work well overall.

**Dr. Edelson:** When comparing a nonheated composite to the same composite that's heated, the warmed composite is more runny and adapts to walls better. Phasor warmed the composite, which increased its flowability and lessened void formation. It was especially helpful in anterior restorations.

## TURN UP THE HEAT



**A**s more and more dentists discover the benefits of heating a composite prior to placement, manufacturers have come out with a variety of warming devices. But, according to Vista, the patent-pending Phasor is the first of its kind to

use NIR technology to quickly heat composite compules and maintain that temperature throughout the procedure. "The Phasor has the heating element in the gun, so while it's dispensed it is automatically heated and pliable, but it returns to its normal state very rapidly," said Dr. Ron Kaminer, a member of the DPS Editorial Advisory Board.

Unlike other systems, Phasor is compatible with all brands of composite, which makes it a versatile device for use in quick posterior bulk fills and also in traditional incremental layering techniques in esthetic regions. The lower viscosity also reduces the amount of hand pressure needed to apply composite material, allowing for faster, more efficient delivery and improved ergonomics. The lightweight, cordless design maintains the look and feel of a traditional composite delivery gun, and batteries are rechargeable, making Phasor easy to use regardless of experience level. "The product has little to no learning curve. The only thing one needs to learn is the few buttons and settings on the device," Dr. Kaminer added.



Scan the QR code to see Dr. Kaminer demonstrate the use of Phasor in a bulk fill procedure.