

# DENTAL PRODUCTS REPORT®

NEWS AND SOLUTIONS TO DRIVE PRACTICE SUCCESS

FEBRUARY 2021 | VOLUME 55 | ISSUE 2



## DENTAL TECHNOLOGY

**The continuing education of computers** How artificial intelligence, machine learning, and automation technologies are changing the present and future of dental clinical care and business operations.



## BEST PRACTICES

### What I Wish I'd Learned in Dental School

Dental school prepares new dentists for the operator, but there are plenty of important lessons to learn on the job. Dentists share their educational wishlists.

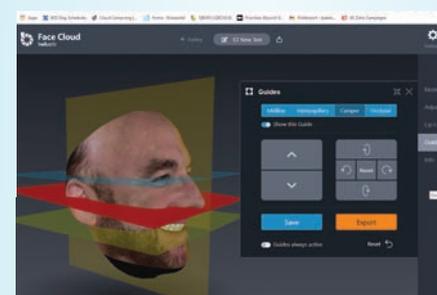
## NEW DENTAL PRODUCTS



[ VOCO AMERICA ]

### VisColor Bulk

The first thermoviscous bulk fill material offers the efficiency of a bulk fill with the easy placement of a flowable for simplified and highly esthetic direct restorations.



[ BELLUS3D ]

### Bellus3D Dental Pro

Software that integrates intraoral scans and images with 3D face scans for enhanced digital treatment planning and case presentation.



[ TOKUYAMA DENTAL AMERICA ]

### OMNICHROMA FLOW

Expanding the OMNICHROMA product line, this flowable version offers the same single-shade simplicity as the original.

Cover Products and other **EDITOR'S CHOICE** products throughout this issue are chosen based on innovation or their perceived impact on improving patient care and practice efficiency.



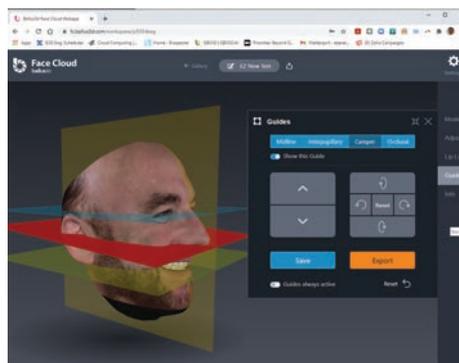
### VisCalor Bulk

Described as the first thermoviscous bulk-fill composite, VisCalor Bulk provides clinicians with the viscosity of a flowable composite and the sculptability of a packable composite in a single material. The material is designed to be warmed before placement, allowing it to flow into the prep, and then as it cools to body temperature, it becomes sculptable. The material features an 84% fill rate by weight, and shrinkage of just 1.44%, and it can be cured to depths of up to 4 mm. It is suited for use as a restorative base, liner, or capping layer. The material achieves its high flowability through a new Thermoviscous Technology based on a new monomer system and a novel silane coating on the glass fillers.

#### Why this material stands out:

Although the material offers physical properties that make treatment more efficient and less complex, it also stands out by doing a great job of blending in. The material has a low water absorption and is available in 4 shades—Universal, A1, A2, and A3—which help it provide optimal esthetics. Additionally, the capsules are optimized for warming, and the narrow tips allow enhanced access to posterior preps for bubble-free application.

**VOCO America Inc**  
888-658-2584  
vocoamerica.com  
CIRCLE RS #02



### Bellus3D Dental Pro

Bellus3D Dental Pro provides a powerful and easy-to-use 3D face scanning solution, enabling dentists to incorporate 3D facial scans into the dental treatment planning process. Extraoral images can be captured in as little as 10 seconds and then easily aligned with digital impressions and 3D CBCT images. This allows the application to quickly and easily create before and after simulations for engaging patient presentations. Built-in smile design and facebow guide planes make for easy placement of face scans into virtual articulators within 3Shape Dental System, exocad, and other digital dental planning software platforms.

#### The possibilities this software unlocks:

Beyond adding a new dimension to treatment planning and case presentation, Dental Pro is designed to make case collaboration simple. Clinicians can collaborate with colleagues and dental labs via the Dental Pro Web application. This allows the digital models created in the software to be shared with labs for fast, accurate digital dental design. The files can be exported into standard CAD file formats for use with a range of design solutions.

**Bellus3D Inc**  
Bellus3D.com  
CIRCLE RS #03



### OMNICHROMA FLOW

A single-shade, flowable composite, OMNICHROMA FLOW is designed to match any of the 16 VITA Classical shades with just 1 composite. Indicated for class I through class V restorations in both the anterior and posterior, the material is designed to add efficiency to treatment while allowing practices to reduce and simplify the restorative materials inventory. The material offers optimal physical properties, low shrinkage, and high wear resistance to allow for the creation of esthetic, durable direct restorations. Also available is OMNICHROMA BLOCKER FLOW which is used to assist with shade matching when there is not enough tooth structure available, such as with large class III or IV restorations or when staining needs to be blocked out.

#### Why this material is notable:

The original OMNICHROMA composite made a huge impact when it was launched as it offered a previously unknown simplicity to many restorative cases. OMNICHROMA FLOW features the same Smart Chromatic Technology that provides the shade matching capabilities of the original OMNICHROMA material but offers the flowable consistency that is ideal for creating restorations in certain clinical situations.

**Tokuyama Dental America**  
877-378-3548  
omnichromaflow.com/us  
CIRCLE RS #04

Vol. 55 No. 02 **Dental Products Report**® (Print ISSN# 0011-8737, Digital ISSN# 2150-640X), is published monthly by MultiMedia Healthcare LLC 2 Clarke Drive, Suite 100 Cranbury, NJ 08512. One-year subscription rates: \$170 in the United States & Possessions; \$193 in Canada and Mexico; all other countries \$312. Single copies (prepaid only) \$24 in the United States; \$35 in Canada and Mexico; all other countries \$35. Include \$6 per copy for U.S. postage and handling. Periodicals postage paid at Trenton, NJ 08650 and additional mailing offices. Postmaster, please send address changes to: **Dental Products Report**®, PO Box 457, Cranbury NJ 08512-0457. Canadian GST number R-124213133RT001, PUBLICATIONS MAIL AGREEMENT NO. 40612608, Return Undeliverable Canadian Addresses to: IMEX Global Solutions, P. O. Box 25542, London, ON N6C 6B2, CANADA. Printed in the U.S.A. Subscription inquiries/address changes: toll-free 888-527-7008, or dial direct 218-740-6477.

© 2021 MultiMedia Dental LLC. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical including by photocopy, recording, or information storage and retrieval without permission in writing from the publisher. Authorization to photocopy items for internal/educational or personal use, or the internal/educational or personal use of specific clients is granted by MJH Life Sciences™ for libraries and other users registered with the Copyright Clearance Center, 222 Rosewood Dr. Danvers, MA 01923, 978-750-8400 fax 978-646-8700 or visit <http://www.copyright.com> online. For uses beyond those listed above, please direct your written request to Permission Dept. email: [etemple-morris@mmhgroup.com](mailto:etemple-morris@mmhgroup.com).

**MJH Life Sciences™** provides certain customer contact data (such as customers' names, addresses, phone numbers, and e-mail addresses) to third parties who wish to promote relevant products, services, and other opportunities that may be of interest to you. If you do not want MJH Life Sciences™ to make your contact information available to third parties for marketing purposes, simply call toll-free 866-529-2922 between the hours of 7:30 a.m. and 5 p.m. CST and a customer service representative will assist you in removing your name from MJH Life Sciences™ lists. Outside the U.S., please phone 218-740-6477.

**Dental Products Report**® does not verify any claims or other information appearing in any of the advertisements contained in the publication, and cannot take responsibility for any losses or other damages incurred by readers in reliance of such content.

**Dental Products Report**® cannot be held responsible for the safekeeping or return of unsolicited articles, manuscripts, photographs, illustrations or other materials.

To subscribe, call toll-free 888-527-7008. Outside the U.S. call 218-740-6477.