



**2017 Volume 1**

The quarterly newsletter of D&S Dental Laboratory, Inc.

Waukegan – 800-236-3859

Baraboo – 800-362-3340

Mondovi – 800-591-7964

Rockford – 815-964-8932

Greenfield – 414-546-3040

www.dnsdental.com

info@dnsdental.com

# INCISAL EDGE

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**PLEASE NOTE**  
**D&S Dental Laboratory**  
**Will Be Closed the**  
**Following Dates in 2017**

**May 29**  
Memorial Day

**July 3-4**  
Fourth of July

**September 4**  
Labor Day

**November 23-24**  
Thanksgiving

**December 25**  
Christmas

## Understanding Our Monolithic Zirconia Choices

The majority of fixed restorations at our laboratory, as well as other labs across the country, are now made of Monolithic (one-piece) Zirconia. The durable, tooth-colored material has in large part replaced Porcelain Fused to Metal (PFM) and Full Cast Crown (FCC) restorations. Labs can brand their own Zirconia crowns, which has led to lots of questions about which Zirconia to use, when and where.

A number of factors guide this decision from location in the mouth and occlusal clearance to the number of units, shade, budget and preferences of doctor and patient. Thanks to efficiencies gained through CAD/CAM processes, cost is now largely dictated by the amount of time a technician spends handling the product (see below).

The D&S Dental house brand of Zirconia is our ZR family of crowns from Jensen Dental. It is by far the product we produce most often in the lab on the fixed side. Our ZR crown is the most popular selection for the posterior region while ZR Plus and Imagine™, also from Jensen, tend to be the anterior front runners. We believe our new ZR-V crown (see page 2) will also become a favorite posterior choice.

Zirconia is a man-made material, so the quality of the block of Zirconia used and the way it's handled impacts the final product and is exhibited through differences in strength, translucency and cost as illustrated below.

*Please note: We are overgeneralizing here for simplicity's sake, but we will consult with you on the best product choice based on the indications provided. If you are ever unsure, simply call our expert technicians to discuss solutions. In addition to our ZR family of crowns, we also produce many porcelain veneered Lava crowns as well as eMax or Lithium Disilicate crowns.*

<b>HIGHER</b> ↑ <b>STRENGTH</b> ↓ <b>LOWER</b>	ZR-V ZR ZR Plus	1,100 mPA	<b>HIGHER</b> ↑ <b>COST/ESTHETICS</b> ↓ <b>LOWER</b>	Imagine™ ZR Plus*	Incisal edge hand brushed prior to dipping in stain to minimize saturation of stain in that area; hand stained and glazed after sintering.
	Imagine™	769 mPA		ZR	Dipped in stain prior to sintering; hand stained and glazed after sintering.
				ZR-V	Only hand glazed after sintering.

\*ZR Plus – We can veneer porcelain on the facial for an additional fee through our ZR Plus with Micro Layering product.

# PRODUCT SPOTLIGHT

## ZR-V



The ZR-V is our newest Monolithic Zirconia for crowns and bridges. It's just like our ZR Full-Contour Zirconia, which comes with a 15-year product warranty and is virtually fracture proof.

The only difference is the ZR-V is pre-shaded all one color at the factory to match the Vita Classical Shade Guide. The ZR-V's all-digital workflow requiring no technician staining makes it an economical option.

- High strength at 1,100 mPA
- Exact match to Vita Classical Shades
- CAD designed and custom milled for precise fit
- Perfect for posteriors
- Made in our lab

**\$79**



## TECHNICIAN'S TIPS OF THE MONTH

- Be sure to take a shade before removing a broken or failing crown for replacement. Oftentimes the doctor's office will send us the broken pieces of the crown, but it is difficult to make an accurate shade match from them. Taking the shade ahead of time will save time in the long run!
- By law, the laboratory can't practice dentistry of any kind, which means we cannot take off temporaries or re-cement temporaries. We can try on crowns as we're doing a shade match, but that's about it. Thanks for your understanding.

## New Hires Learn Basic Dental Anatomy



*At D&S Dental, we're committed to continuing education of not only our doctors, but also our employees. For the past five years, Dr. Clayton McKinney, a retired dentist who practiced 51 years on the northeast side of Madison, has been teaching dental anatomy and dental materials to all new employees at our lab each fall and spring. He is seated center in this photo with this fall's students, who met hourly twice a week for 10 weeks. The biggest benefit to the students is they get to see other parts of the laboratory and understand how their single piece in the production process becomes a finished restoration and ultimately impacts the dentist and patient. As for Dr. McKinney, he says he enjoys getting to mingle with young people and seeing, first-hand through the lab, the advancements being made in the industry.*

## D&S Has Gone Social

You can now connect with D&S Dental Laboratory on Facebook and LinkedIn. Watch for quick educational tips and announcements of upcoming CE seminars. Simply search for D&S Dental Laboratory on these platforms or link to them from our website at [www.dnsdental.com](http://www.dnsdental.com).

## CONNECT WITH US!



**If we receive more than 100 Facebook Likes first quarter, we'll donate \$1,000 to the WDA Foundation's 2018 Mission of Mercy, an event that provides complimentary dental care to those in need. Like us on Facebook!**

**WDA** Mission of Mercy  
WISCONSIN DENTAL ASSOCIATION FOUNDATION

## Restorative Implant Dentistry Options for the Edentulous Patient

Participants of this program will learn how to incorporate implant overdentures supported by LOCATOR® attachments into their practice with predictability and confidence. Participants will discuss the importance of patient selection criteria and surgical planning considerations, with regard to the ideal esthetic result.

The program will demonstrate the advantages of the LOCATOR® System for removable partial dentures or overdentures. This program will also include an overview and comparison of conventional denture treatment, LOCATOR® Implant Attachments, and hybrid and implant-supported fixed bridges, focusing on patient benefits.

### Learning Objectives

- Understand features and benefits of the LOCATOR® Implant Attachment System.
- Understand the laboratory process of fabricating a LOCATOR® retained overdenture.
- Perform a chairside pick-up technique using LOCATOR® tools and components.
- Discuss the current treatment options available for partially and fully edentulous dental patients.

Real World Endo® Presents

## Endo-Restorative Synchronicity

*Full-Day Presentation (Lecture and Hands-On Session)*

Endo-Restorative Synchronicity (ERS) is based on minimally invasive root canal preparations and bioceramic bonded obturation that enhances the long-term prognosis of the tooth. It (ERS) is based on a biologic approach that emphasizes debridement and disinfection rather than merely shaping for obturation. This Real World Endo presentation is highly practical and will utilize a "Case Based Learning Approach." Basic and Advanced Techniques will be discussed in detail.

During this lecture/hands-on participants will:

- Learn the biologic basis of success and practical clinical tips and tricks to improve success.
- Recognize the various applications of fiberoptic ultrasonics in endodontics.
- Understand the use of the very efficient ESX® NiTi rotary file and instrumentation and obturation system.
- Understand the term "Hydraulic Condensation" and its application during obturation.
- Gain insight into the use of the new bioceramic materials in both surgical and non-surgical endodontic care.
- Become familiar with a novel and very efficient (drillless) post and core preparation technique.

Friday, March 10, 2017

8:30 a.m.–3:30 p.m.

Harley-Davidson Museum®  
Peace Room  
400 West Canal Street, Milwaukee

**CREDIT:** 6 hours

### SCHEDULE:

**8:00-8:30 a.m.** Registration  
Breakfast & lunch served

### TUITION:

Complimentary (No refunds as this is a tuition-free course)

### REGISTRATION:

<https://straumann.cvent.com/31017Niebler>

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 **straumann®**

Friday, April 7, 2017

9:00 a.m –3:45 p.m.

Lambeau Field - Tundra Terrace North  
1265 Lombardi Avenue, Green Bay

**CREDIT:** 6 hours | Lecture/Participation

### SCHEDULE:

**8:30-9:00 a.m.** Registration  
Breakfast and lunch served

### TUITION:

\$100 - Waived for those who send in case to D&S (No refunds)

### REGISTRATION:

[www.dnsdental.com/endodontics](http://www.dnsdental.com/endodontics)

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1020 Quinn Drive  
Waunakee, WI 53597  
www.dnsdental.com

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Your Full Service  
Certified Dental Laboratory

# SAVE THE DATE

Mark your calendar for these CE events (as well as the events on page 3). More information to come.

**May 5, 2017 • Full-Day Program** || Franchesco's Ristorante, Rockford, IL

## **Interdisciplinary Implant Treatment Planning from a Restorative Perspective - 6 CE Credits**

- Restoratively based overview of treatment planning considerations
- Analogic and emerging digital workflows

**May 19, 2017 • Half-Day Program** || Lucky's Bar & Grille, Waunakee, WI

## **Improving Teamwork & Communication in Your Dental Office - 3 CE Credits**

- Complete DiSC® assessment of personal behavioral style
- Understand behavioral styles of team to ensure effective communication

**For You and Your Staff**

**August 18, 2017 • Three-Hour Program** || Lake Lawn Resort, Delavan, WI

## **Learn on the Links: Seminar and Golf Outing - 3 CE Credits**

- Topic/Speaker TBD. Tentatively denture related.