



**2019 Volume 3**

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

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# INCISAL EDGE

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**PLEASE NOTE**  
**D&S Dental Laboratory**  
**Will Be Closed the**  
**Following Dates in 2019**

**September 2**  
*Labor Day*

**November 28-29**  
*Thanksgiving*

**December 25**  
*Christmas*

## Need Help Selecting an Intraoral Scanner?

Many dental practices are purchasing intraoral scanners because they realize the long-term benefits. Digital impressions are quicker, more accurate and provide a better patient experience than traditional impressions. However, the number of intraoral scanner models on the market can be overwhelming.

To help you compare scanners, the Institute of Digital Dentistry recently published an objective review of intraoral scanners shown at the 2019 International Dental Show. The overall ratings are shown below on a 5-point scale with 5 indicating best performance.

You can download the full report from the blog page at [www.instituteofdigitaldentistry.com](http://www.instituteofdigitaldentistry.com).

SCANNER	SPEED	FLOW	SIZE	EASE	PRICE	TOUCH	WIRELESS	CARIES	CAD	SUBS
3Shape <b>TRIOS 4</b>	5	4.5	3	4.5	\$\$\$\$	✓	✓	✓	✓	✓
Dentsply Sirona <b>Primescan</b>	5	5	1	5	\$\$\$\$\$	✓	✗	✗	✓	✗
Planmeca <b>Emerald S</b>	4	4	4	4	\$\$\$	🔄	✗	✓	✓	✗
Medit <b>i500</b>	4.5	4.5	4	4	\$	🔄	✗	✗	✗	✗
Align <b>iTero Element 5D</b>	3.5	4	1	3	\$\$\$\$	✓	✗	✓	✗	✓
Carestream Dental <b>CS 3700</b>	3	3	3	4	\$\$\$	🔄	✗	✗	✓	✗
Dental Wings <b>Virtuo Vivo</b>	3	4	5	4	\$\$	✓	✗	✗	✓	✓
GC <b>Aadva IOS 200</b>	1	2	3	2	\$\$	🔄	✗	✗	✓	✗
Vatech <b>EzScan</b>	3	3	5	3	\$	🔄	✗	✗	✗	✗
Shining 3D <b>Aoralscan</b>	2	1	3	2	\$	🔄	✗	✗	✗	✗

## PRODUCT SPOTLIGHT

### Digital Diagnostic Wax Up

How would you like to **SAVE 50% on your Diagnostic Wax Ups?** Our digital wax ups are **half the price of traditional hand wax ups.**

Other benefits of digital wax ups include:

- A printed model of the final design that can be used to make splints or other appliances without duplication.
- A design proposal can be emailed to you before the case is completed and changes can be made "on the fly," which saves time.
- Your original model will be returned to you untouched to be used side-by-side with the digital model for better patient acceptance.
- There is no wax to break off or melt during handling.

Try our Digital Diagnostic Wax Ups today – write *digital wax up* on your RX.



#### Digital Diagnostic Wax Ups

Better • Faster • Half Price  
Greater Patient Acceptance

## Leif Hansen Earns CDT



Congratulations to Removable Technician Leif Hansen, who recently earned his Certified Dental Technician (CDT) designation in Complete Dentures from the National Board of Certification in Dental Laboratory Technology. Leif has been with D&S for 8 years at our Waunakee Headquarters and primarily handles denture setups.

## Submit Digital Impressions and Save Money

Get **\$10 OFF** with every digital impression case submitted to D&S Dental Laboratory and earn up to \$100 in monthly lab credit. Learn more at [dnsdental.com/scanners](https://dnsdental.com/scanners).



## D&S Raises Money to End Child Poverty

For the third year in a row, D&S Dental Laboratory participated in Red Nose Day on May 23 to raise money to end child poverty. Several dental practices joined us in the effort – visit our Facebook page to see the fun photos. Our Eau Claire laboratory team is shown in photo at right. This year we contributed \$340 to the cause. Since 2017, D&S has raised more than \$800 for Red Nose Day charities. Visit [rednoseday.org](https://rednoseday.org).



## Local Charity Golf Outing

The Greater Dane Dental Society Charity Golf Outing will be held Friday, September 13 at Pleasant View Golf Course in Middleton, WI. For details, go to [greaterdanedental.org/events](https://greaterdanedental.org/events).



## MARK YOUR CALENDAR

### D&S Dental Laboratory Fall Events

**September 10, 2019**  
Women in Dentistry  
Roundtable, Madison, WI

**October 25, 2019**  
CAD/CAM and Implant  
Basics Seminar, Rockford, IL

Visit [dnsdental.com/events](https://dnsdental.com/events)

# Digital Solutions for Implant Dentistry



This program will provide attendees with a strong theoretical basis on the management of single-tooth implants to full-arch restorations. CDT Wayne Szara from Zimmer Biomet will provide updates on the latest technologies and how they can increase the success of your dental implant cases. Wayne will also cover the features and benefits of the options available when deciding on screw- vs cement-retained restorations.

## Learning Objectives:

- Learn about the features and benefits of implant designs that offer patient predictability
- Understand the differences between prefabricated, custom and CAD/CAM abutments
- Learn about restoring implants utilizing traditional impression techniques vs. intraoral scanning
- Identify the differences between good, better and best when restoring hopeless dentition

To view the full invitation, go to [dnsdental.com/zimmer](https://dnsdental.com/zimmer)  
**Co-Sponsored by:** *Zimmer Biomet and Fox River Periodontics*

# Safety and Simplicity in Root Canal Instrumentation: Myths, Metal and Motion



Nearly 25 years after the introduction of Nickel Titanium Rotary Instrumentation to endodontics, we've learned much about the clinical strengths and limitations of these great instruments.

With recent improvements in metallurgy, enhanced designs, and innovative rotary file motions, we need to understand how these changes affect clinical instrumentation. In this presentation, Dr. Keith A. Evans, DMD, MS, will introduce a new reciprocating technique that will result in safe, efficient instrumentation for all root canal types.

**Co-sponsored by:** *Real World Endo and Brasseler*

## Friday, September 20, 2019

### SCHEDULE

8:30-9:00 a.m.

*Registration and Breakfast*

9:00 a.m.-3:45 p.m.

*Program (lunch served)*

### REGISTRATION

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

### LOCATION

Courtyard by Marriott Madison East  
2502 Crossroads Dr., Madison, WI

### TUITION

Complimentary

### CE CREDITS

6 hours participation

## Thursday, September 5, 2019

### SCHEDULE

*Registration and Dinner*

5:30-6:00 p.m.

*Lecture*

6:00-8:00 p.m.

### LOCATION

Pullman's at Trolley Square  
619 S. Olde Oneida Street  
Appleton, WI

### TUITION

Complimentary

### CE CREDITS

2 hours

### REGISTRATION

RSVP to Eric Reimer

414.687.7631

[Eric.Reimer@zimmerbiomet.com](mailto:Eric.Reimer@zimmerbiomet.com)

## Learning Objectives:

- Learn how rotary file design features influence instrumentation safety and efficiency.
- Discover the most effective instrument motions available for shaping root canals and their advantages and limitations.
- Completely understand the need to utilize piezoelectric ultrasonics in both access and three-dimensional irrigation.
- Fully appreciate the benefits of bioceramic obturation and the incorporation of matching posts.
- Recognize that "Great Endodontics" can be accomplished in both a safe and simple manner. The key is to combine new technology with long established, evidence-based endodontic principles.





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Your Full Service  
Certified Dental Laboratory



## TECHNICIAN'S TIP OF THE MONTH

When sending in upper and lower impressions for implant cases, it is beneficial to us that they are the same: either both quadrant or both full arch impressions. If you mix and match a quadrant with full arch impression, articulation may be compromised. However, quadrant impressions are OK for single or double posterior implants with adjacent natural teeth. For all other implant cases and all bridges, full arch impressions are recommended.

**These photos are a perfect example of what not to do.**

These are screen shots of scans taken at the lab from traditional impressions for an implant case. It is a quadrant lower impression with a full upper impression. No tooth information was provided. We're assuming this is for #20, but there is room for a full molar. A full idea of the symmetry of the arch could inform our design strategy.

