



## 2017 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 2017**

**Sept. 4** Labor Day

**Nov. 23-24** Thanksgiving

**Dec. 25** Christmas

## Duo Oversees Fixed Quality Control at D&S

With more than 75 years of combined experience in the dental laboratory business, Certified Dental Technicians Larry Nummerdor and Peter J. Derauf have seen their fair share of fixed cases. The pair spend the majority of their time checking the quality of finished crown and bridge cases before they're sent back to dental practices. Pete and Larry also review CAD/CAM designs and talk with doctors, adjusting preferences and making sure cases meet or exceed expectations.

Larry was the first employee of the lab, joining his sister, Sally, and brother-in-law, Dick Pilsner, in April 1977. Dick and Sally started the lab in 1972. Larry became a certified dental technician while working at the lab and became a partner in 1980. Larry moved off the bench to handle quality control several years ago. When he retires in early 2019, he will hand over QC duties to Pete, who has more than 35 years of experience in the industry.

Pete has extensive fixed product and CAD/CAM experience since first starting in this business in 1981. Over the years, he worked at Williams Lab, Wilson's Crown & Bridge, D&S Dental Laboratory and Hi-Tech Lab, before starting his own lab, Derauf Dental Studio, in 2006. Pete joined the ownership team of D&S Dental Laboratory in February 2016. He's been a Certified Dental Technician for 23 years.

Pete and Larry follow a rigorous, 20-point checklist to ensure form, function and fit of crown and bridge restorations. They also check that the prescription and doctor's preferences are followed.

If you ever want to adjust or add to your preferences, don't hesitate to call the laboratory. Preferences are entered in your client file on our computer system and are printed on every case slip that goes through our laboratory.



Larry Nummerdor, CDT, and Peter J. Derauf, CDT



## PRODUCT SPOTLIGHT

### Screw Retained Implant Crown



Ask  
about our  
discounted  
D&S package  
price.

The screw-retained implant crown is growing in popularity because it is easy to retrieve and doesn't cause bone inflammation or loss from cement. With a cemented crown, the doctor attaches the abutment to the implant with a retaining screw and then cements the crown onto the abutment, often dealing with excess cement. With a screw-retained crown, the crown and retaining screw come as one piece that the doctor screws into the implant via an access hole on the occlusal surface. The doctor covers the access hole with a tooth-colored filling.

#### Benefits

- One-piece assembly
- Easy to remove with small access hole restored with tooth-colored filling
- No cement, which can cause inflammation and bone loss
- Various fixture and crown choices are available
- 8-day turnaround time

## Dennis McPherson Celebrates 40 Years as CDT



The June/July issue of the *Journal of Dental Technology* recently recognized D&S Dental Laboratory's Removable Manager Dennis McPherson for being a Certified Dental Technician (CDT) for 40 years. Dennis started with the lab back in 1982 and became one of the owners in 1986. In total, D&S Dental Laboratory employs one dozen CDTs.

## Common Implant Questions

Our implant business continues to grow. Here are a few of the most common questions we receive.

#### Q: What information is needed to order a locator abutment?

A: Implant brand, diameter, and tissue (Cuff) height

#### Q: What crown materials can be used with screw retained restorations?

A: Any crown material can be used on a screw retained restoration.

#### Q: What is the turnaround time on an implant case?

A: To determine the timing on an implant case, we need three things:

1. We need to have the implant manufacturer information (which will tell us what company will be fabricating the abutment and how long that will take),
2. We need to know the crown material choice (which will tell us how long it will take in-lab), and
3. We also need to know how your office receives cases (shipping or delivery, which will tell us how long a case will take to get to/from us).



Kate Seidel, CDT, handles implants in Waunakee

## Tips on Using Double-Arch Impressions

The June issue of Gordon Christensen's *Clinicians Report* refutes the long-held belief that full-arch impressions are superior to double-arch quadrant impressions for one- or two-unit crowns, but emphasizes they must be done correctly. The article provides tips on how to overcome common problems with double-arch quadrant impressions. Go to [www.CliniciansReport.org](http://www.CliniciansReport.org) for subscription information. You can also print off a complimentary list of the best posterior double-arch trays to use by scrolling to the Complimentary Information section of the website and selecting Double-Arch Tray Comparison.



# UPCOMING CE EVENTS

Visit [www.dnsdental.com/events](http://www.dnsdental.com/events) for more upcoming CE seminars.

## Annual Learn on the Links Seminar & Golf Outing *Let's Grow Tooth... Excellent Clinical Dentistry Using Bioactive/ Regenerative Materials*



Ever had a patient say "Doc, that tooth was never a problem until you fixed it?" Let's stop the madness. Wouldn't it be wonderful if we could make the tooth grow? Dr. Jack D. Griffin, Jr., will show you how with newer regenerative/bioactive materials, we can stimulate dentin healing and self-repair in our direct and indirect restorations all while reducing sensitivity. These materials promote oral health by decreasing plaque, reduce bacterial accumulation, or promote cells to cause regeneration of tissues.

### Learning Objectives:

- The latest in regenerative materials such as dentin liners for dentin sealing, pulp capping and thermal insulation for increased comfort and restoration success.
- The regenerative environment...why, how and what materials.
- Cementation and infrastructure for zirconia and lithium disilicate crowns with materials that promote dentin formation and sealing of the restoration margins.
- Efficient direct composite placement – preparation, bonding, matrix selection, bulk fill and bioactive materials for long-term oral health.
- "Re-chargeable" composites.
- Increasing efficiency in direct composite placement and indirect restorations.
- The latest in "Gotta-have" materials to increase office efficiency and practice enjoyment.

*This event is co-sponsored by BISCO, Doxa, Kettenbach, Pulpdent, SHOFU.*

## From Analog to Digital: Science and Innovation in the Implant World



Digital technology is evolving rapidly within implant dentistry, and these advancements help us balance function, esthetics and longevity better than ever. They also enable new and innovative workflows that impact how we practice. However, given this ever-changing landscape, clinicians may find it difficult to fully understand and utilize all of the tools available. The purpose of this program, presented by Dr. Bryan Limmer, is to outline how digital implant dentistry can be applied

to clinical practice, through the use of CBCT planning, guided surgery, digital impressions, and digital prosthetic design and manufacturing. Further, we will discuss how these technologies connect to one another and clearly define what is possible from what is practical.

### At the completion of this course, participants will be able to understand:

- The benefits and drawbacks of commonly used digital technologies
- The role of implant biology, biomechanics and prosthetic planning as it relates to longevity in successful implant therapy
- Multiple protocols for restoring dental implants with digital dentistry

*This event is co-sponsored by Dentsply Sirona Implants.*

## Friday, August 18, 2017

### SCHEDULE

8:00-8:30 a.m.

*Registration and Breakfast*

8:30-11:30 a.m. *Program*

11:30 a.m.-12:15 p.m. *Lunch*

12:30 p.m. *Shotgun Start Golf*

### LOCATION

Lake Lawn Resort

2400 East Geneva Street

Delavan, WI 53115

### TUITION

*Complimentary (Meals, seminar and golf included at no cost)*

### CE CREDITS

3 hours

### REGISTRATION

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

## Friday, September 29, 2017

### SCHEDULE

8:00-8:30 a.m.

*Registration and Breakfast*

8:30-11:30 a.m. *Program*

11:30 a.m.-12:30 p.m. *Lunch*

12:30 p.m.-3:30 p.m. *Program*

### LOCATION

Great Dane Pub – Eastside

876 Jupiter Drive

Madison, WI 53718

### TUITION

Complimentary

### CE CREDITS

6 hours

### REGISTRATION

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



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# TECHNICIAN'S TIP OF THE MONTH

## Make a Customized Impression Post for Implants

One of the most common problems we see at the laboratory with implants is not capturing and transmitting to the lab the soft tissue contours of the gingiva after you've spent months developing it with the temporary.

If a stock impression coping is used, you fail to capture all the detail of the anatomical contours. The best way to transfer a record of the healed anatomic tissue is to make a customized impression post. This extra 10 minutes of preparation will eliminate lab technicians from having to guess about the gingival contours and will result in more predictable soft-tissue outcomes.

**General steps to follow:**

1. Attach an implant replica to the provisional
2. Sink the replica and provisional into some PVS impression material or bite registration material
3. Once set, unscrew the provisional and you'll see the contours recorded around the replica
4. Return the custom provisional back intraorally to support the gingiva while finishing up (gingiva can start to collapse immediately after removing an abutment)
5. Attach the impression coping to the replica and place flowable composite, acrylic or pattern resin in the voids and allow to set
6. You now have your customized impression post with which to take the impression

See more photos and resources on our website, [www.dnsdental.com](http://www.dnsdental.com), under Resources>D&S Resource Sheets>Implant information.



*Photos courtesy of Dr. Chris Stevens Family & Cosmetic Dentistry*