

# MIDWEST DENTAL IMPLANTOLOGY

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## Practice Updates

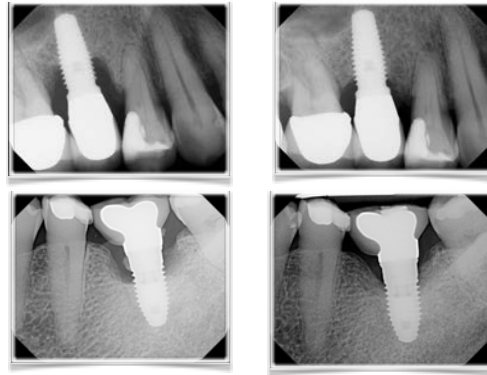
Several of our team members recently celebrated career milestones at Midwest Dental Implantology. Angie Sutton celebrated her 9th, Shannon Nore her 12th, Suzy Havens her 15th, and Irene Boltz her 31st work anniversaries!! Please join us in congratulating them when you see them around town.

## Board Certified

Dr Crosby recently returned from Dallas, Texas where she completed her 5th straight year as board examiner for the American Board of Periodontology. A diplomate is a periodontist who has made significant achievements beyond the mandatory educational requirements of the specialty and who is certified by the American Board of Periodontology. Drs. Crosby, Kolinski, and Trahan are all Diplomates of the American Board of Periodontology or the American Board of Oral Implantology/ Implant Dentistry.

## Continuing Education

In February Drs. Crosby, Kolinski, and Trahan attended Meisinger's 7th Annual High Altitude Comprehensive Implant Symposium. The highlight of the weekend was a hands-on ridge augmentation course given by Dr. Istvan Urban.



## Treating Peri-implantitis: “Kitchen Sink” vs Periolasé®

As the popularity of replacing damaged teeth with dental implants has risen, more and more implants are placed each year with excellent success. However, what happens when implants develop problems such as peri-implantitis? The prevalence of peri-implantitis was recently estimated to be around 22%. Another study found the prevalence to range from 11% to as much as 47% depending on the population. Wherever the true number lies, this leaves us with a significant challenge in the years to come.

Several methods have been developed to treat these conditions, many involving the use of graft materials (bone, membranes, biologics, etc...) in a “Kitchen Sink” approach. The average cost can range from \$2,000-3,000 per treatment with unpredictable results. What happens if the implant does not respond as expected? Do we re-treat? Remove the implant and rebuild with more materials? Who incurs the cost? These are all questions our profession has faced in recent years.

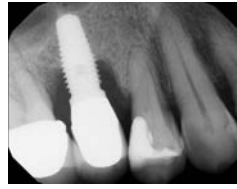
After extensive training with the Millennium (Periolasé®) Laser, Drs. Crosby, Kolinski, and Trahan have chosen this as a 1st line solution for treating peri-implantitis. While there is no “silver bullet” for the treatment of peri-implantitis, the technique **minimizes** the patient’s **pain, swelling, and bruising** associated with traditional “kitchen sink” methods.

## Periolase® Protocol

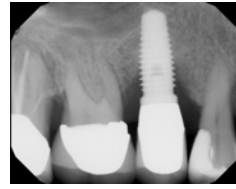
One of the biggest challenges in treating peri-implantitis is obtaining adequate debridement on a threaded, micro-roughened surface. The laser's energy kills harmful periodontal pathogens and selectively removes all inflamed tissues giving us proper access to clean the implant. After this minimally invasive treatment, inflammation is reduced allowing the body to heal itself. Bone regeneration can be a slow process and often takes 8-12 months to show up radiographically. To the right are a few examples of what is possible **without** the use of additional grafting materials.

## Treating Peri-implantitis in the Esthetic Zone

Another major advantage of utilizing the minimally invasive laser treatment is its use in the anterior esthetic zone. Use of the Periolase® for treatment of peri-implantitis significantly decreases the risk of gingival recession around dental implants after treatment unlike traditional treatment methods such as bone grafting. Photographs A and B represent the pre-operative condition (note the draining fistula between #6 and #7). C and D represent 8 months post laser treatment.



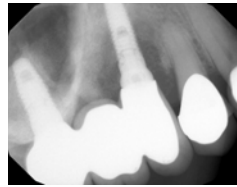
Pre-Op  
8/7/2014



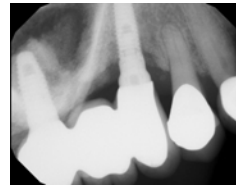
4 Months Later  
12/9/2014



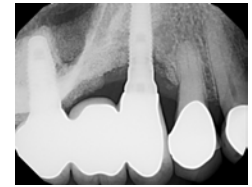
2 Years Later  
7/19/2016



1 Month Pre-Op  
7/17/2014



18 Months Later  
2/2/2016



2.5 Years Later  
3/7/2017

