

news & views



For the best outcome and for the longevity of all-ceramics, don't grind! If you are having trouble seating, prior to removing the bur, look at the occlusal surface of the tooth and compare it to the die that the laboratory has poured from your impression. Small irregularities on the occlusal surface can cause undue pressure and an ill-fitting restoration. We are always available to help, so consult your ADL team if you have questions and remember that the most important step in getting a restoration to seat immediately is to make an excellent impression.

A primary cause of fracture results from too much grinding, a procedure that should be used very minimally, but preferably not at all, for all-ceramics. The abrasions caused by grinding lead to micro-fracture that in turn causes the crown or bridge to fail. We called Ivoclar Vivadent, makers of IPS Empress[®], IPS Eris[™], and IPS E-max[™] for their recommendation; "the less grinding the better," was their advice. Their technical representative also suggested that if you feel you must grind the tooth in order to seat the restoration properly, use a diamond bur at the lowest speed possible, and use water.

The materials comprising the latest all-ceramics are stronger than ever these days. However, even with PFMs like Captek[®], ceramic crowns and bridges require some TLC to reduce the risk of fracture. Seating can sometimes be a challenge, but remakes cause inconvenience and expense for everyone — patient, doctor, and laboratory alike.

How to Handle Your All-Ceramics



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2006 ADL Summer Scramble

Our inaugural golf event last fall at the Covered Bridge Golf Club in Sellersburg, IN was such a fun outing that we've decided to do it again! We are currently planning another golf event at Covered Bridge for Friday, June 9, 2006. Earn two hours of AGD-approved credit with the Celara Denture System Presentation for a lecture fee of only \$99. Complimentary greens fees, carts, breakfast, lunch and lots of prizes will be provided by ADL. Office and corporate teams are welcome, but space is limited. If you would like to participate, get on board early and call Mike Grinstead at 502.451.2200 to make the short list for this wonderful event. Don't miss out!

- Ellen Becht
- Rhonda Burrows
- David Sisk

Congratulations to the following Team Members on their 10-year ADL anniversary. We greatly appreciate your commitment to the ADL family. We hope you will be a part of the team for many years to come! Thank You!

More Good News From ADL

We are proud to announce Kyung Lee as our newest Employee of the Quarter. Her colleagues elected Kyung for this award that of the Quarter. Her colleagues elected Kyung for this award that shows ADL's best and brightest. We'd like to take this opportunity to say Thank You Kyung for your invaluable contributions to the success of ADL.

Employee of the Quarter

ADL Welcomes New Team Members
Here at ADL Dental Laboratory, we are strongly committed to providing our clients with state-of-the-art technology, high quality restorations, and superb customer service. In keeping with our commitment, we are proud to welcome Tasha Long and Dyan Miller to our ever-growing team of talented and artistic ceramists.

Employee News and Successes



Talon® Nightguards for TMD

ADL Dental Laboratory has provided Talon nightguards and TMD appliances for over 5 years. Talon offers superior retention and is perfect for bruxers needing TMD relief.



Talon is a thermoplastic methacrylate that forms the retentive portion of standard, hard acrylic nightguards or TMD inter-occlusal dental appliances. Talon provides the ideal occlusal surface that fits predictably and comfortably. This appliance eliminates the need for metal clasping and fits so comfortably that patient compliance is enhanced.

Talon loses rigidity at mouth temperature to engage a wide range of dental undercuts. The hard occlusal surface seats fully and the occlusal adjustments at the appliance delivery appointment are minimal, if required at all. Since Talon is a processed rather than formed type of appliance, the physical property of "memory" discourages distortion over time. So not only do patients receive relief from TMD, they get value from the long-lasting Talon appliance.

Most thermo-active acrylics are classified as "externally plasticized." This refers to the additives that lubricate the long carbon chain acrylic polymers to provide flexibility. Since these additives are not chemically bonded to the polymer chains and must eventually leach out, there is an inherent dimensional hardness and instability. Talon provides comparable physical properties of rigidity loss at body temperature but will not leach any chemicals, maintaining its physical properties over time. Talon is "internally plasticized," an inherent property of its unique acrylic composition.

Specify Talon for your next nightguard or TMD appliance. Your patient will thank you for the comfortable, effective management of their problem. Contact ADL for additional information and research on this exceptional dental material.

NobelGuide Q&A with ADL's Chris Morris

Q: What is the NobelGuide treatment concept?

A: This concept from Nobel Biocare enables the general dentist, implant surgeon, and trained laboratory technician to transform pre-planned treatment into clinical reality. With NobelGuide, the placing of the implant, abutment, and restoration takes place in one visit. The final prosthesis is worked out prior to surgery, and a CT scan is made to determine the implant placement in a 3-D environment. The accuracy of the CT scan to determine bone quality allows the implant surgeon to place the implants and order the surgical stent all without any discomfort to the patient. Once the surgical stent has been returned to the qualified dental laboratory, a master model is poured from the stent and the restorative work begins. Based on the design of the surgical template, the dental implants and the final prosthesis are placed the same day. This procedure typically takes less than 1 hour to complete and the patient leaves the office with their final prosthesis, ready for a new lease on life, dentally speaking.

We are very fortunate to be involved with this treatment concept and we're one of only three trained laboratories in all of Kentucky. Due to the delicacy and experience needed for such a procedure, we have trained extensively on the utilization and fabrication of the final prosthesis. It really insures that good treatment planning principles are put into place prior to implant placement. The team concept of implant dentistry is maximized here, and all parties are involved in the final restoration!

Q: What are the advantages and benefits?

A: First and foremost – maximum comfort to the patient! The surgical treatment is based on guided keyhole surgery that is minimally invasive. This reduces patient pain and swelling considerably compared to conventional treatment, as well as reducing the patient's number of appointments and chairtime, and patients experience fewer interruptions to everyday life, and often, considerable savings. The patient can immediately return to work and their social life after the treatment since this technique

Spring Conferences

My Kind of Town!

ADL Laboratory president Chris Morris was in attendance at the Chicago Mid-Winter Meeting, February 23-26, 2006. He enjoyed visiting with many friends and colleagues from all around the country. As well, he attended The Cal-Lab meeting, and found the experience to be very informative with interesting topics and discussions. He's already looking forward to next year!

Regional Meetings

ADL will be exhibiting at the 2006 KDA Conference held May 18-21, 2006 (www.kyda.org). The meeting will be held at the Kentucky International Convention Center in Louisville. Keith Henry with Celara will be our guest at the ADL booth on Friday and Saturday. We invite you to stop by our booth, #312, where we will have many great giveaways. Come visit us to learn about the advantages of choosing ADL and Celara dentures. See you there!

Team members from ADL will be attending the 19th Midwest Spring Technical Meeting in Indianapolis, held at the Sheraton Indianapolis Hotel and Suites, April 20-23, 2006. This is one of the best educational meetings in the country with over 60 CE clinics and hands-on courses available. Visit www.mwstm.com for more details on vendors and learning opportunities. We look forward to seeing all our friends in the Midwest at this informative event.

Hands-on Learning – Atlas Implants

The Dentatus/ADL "Atlas™ Narrow Body Implant Workshop," held February 18, was a huge success, despite the weather. Dr. Keith Rossein gave a very informative presentation combined with a hands-on workshop that went into great detail, discussing the advantages and indications for the Dentatus Atlas Implant System. The doctors in attendance placed four implants and retrofitted a complete lower denture and earned four AGD credits. Attending doctors enjoyed getting feedback from Dr. Rossein as they performed the procedure, asking him any questions they had concerning treatment planning and case presentation. We are already making arrangements to have Dr. Rossein back for another Atlas Workshop and possibly an Electrosurgery Workshop. If you are interested in participating in either course, please contact Mike Grinstead at 502.451.2200 for more information.

is built on Immediate Function™. Immediate Function, combined with temporary or final prosthesis (Teeth-in-an-Hour™) ready at surgery, radically shortens treatment. Because of the NobelGuide treatment concept, dental professionals have increased predictability, improved pre-production prosthesis planning, and reduced inventory. Dental professionals also have a new means of differentiating and developing their business to stay competitive in the ever-growing implant market.



Q: What are the indications?

A: This procedure is geared towards totally and partially edentulous patients and single-unit cases. This is not to over simplify the procedure, as there is extensive training and pre-treatment planning that MUST take place in order for this delicate and exact treatment to become a success! This method enables a predictable and minimally invasive dental implant and prosthetic delivery according to planning performed in advance. The treatment involves the NobelGuide concept and a screw-retained, permanent prosthesis fabricated utilizing Procera technology.

For more information on this new and exciting concept please call Chris Morris or Linda Gavin, CDT, at 502-451-2200 or 800-456-1292. We are excited about this procedure and are currently working with Nobel Biocare as this goes to press. Further information can be found at www.nobelbiocare.com.

ADL Dental Laboratory is pleased to announce that with our efforts in Lean Manufacturing and improved technologies, we are now able to accept and service new clients.

"The success of each is dependent upon the success of the other."—John D. Rockefeller Jr.