

dental**lab**products Presents



72 HOURS IN CHICAGO



72 HOURS

• Komet

Komet USA's product and sales representatives will be on hand at the Chicago Midwinter Dental Meeting (Booth 4829) and at Lab Day to demonstrate and discuss the array of Komet® laboratory instruments engineered to meet the challenges of new high-strength ceramic materials as well as other more traditional materials used in all phases of crown, bridge, veneer, inlay/onlay and partial- and full-denture fabrication. Of particular note, Komet USA will focus on a dimension of the lab-dentist communications needed to deliver ideally contoured, perfectly fitting and finished high-performance, high-strength, all-ceramic restorations fabricated with CAD/CAM and conventional techniques. Newly launched Komet® Expert Kits for crown and inlay preparations at chairside are designed to help the dentist produce and convey precise anatomical and functional data to the laboratory for optimal results.

• 3D Systems Booth

The ProJet® 1200 is said to be ideal for small, precise, detail-rich dental wax-ups. Smaller than most coffee makers and faster than baking a cake, this new printer is economical to own, safe to operate anywhere and simple to use. This printer integrates 3D Systems' VisiJet® FTX Green material—a durable and rigid material that is tailored for plastic prototyping and casting patterns making it ideal for jewelers, dental labs, and designers of very small detail products.

• 3Shape Booth

This year at Chicago, 3Shape will present a wide range of new features that are designed make TRIOS® even more attractive and profitable. As a part of their subscription, existing TRIOS® owners can get many of these features by simply upgrading their TRIOS® software. 3Shape will also show off their Dental System 2014 software (which is provided as an upgrade for 3Shape Dental System™ users as a part of their subscription and LABcare™ package), new Splint Designer™ module and Implant Studio™.

THURSDAY, FEB 20

8:00 am, Chicago Midwinter Meeting (CMM): Exhibits open at Chicago Midwinter Meeting

9:00 am-12:00 pm, CMM: "CBCT Imaging We Can All Use", Dale Miles, DDS, MS

9:30-10:15 am, Cal-Lab (CL): "Federal & State Regulatory Update", Eric Thorn

10:00-11:00 am, CMM: "Goodbye, Wax and Plaster", Thomas McGarry, DDS

10:30-11:15 am, CL: "Digital Implant Solutions for Titanium Bars & Screw Retained Structures", Mark Maier, MBA, MSc; Susan Van Kinsbergern, CDT; Peter Pizzi, CDT, MDT

12:30-1:15 pm, CL: "Social Media: Truths, Perceptions & Myths", Terry Fine

1:15-2:15 pm, CL: "Digital Integration of All Ceramic Reconstructive Dentsistry", Matt Roberts, CDT, AAACD

1:30-4:30 pm, CMM: "New Horizons in Digital Impressions", Fred Peck, DDS

2:30-4:00 pm, CL: "Are You Still Relevant", Ross Shafer, author

4:00 pm, CL: Exhibits open at Cal-Lab

5:30 pm, CMM: Exhibits close at Chicago Midwinter Meeting

6:30 pm, CL: Exhibits close at Cal-Lab

As the dental world converges in Chicago this month, here is our in-depth look at everything going on in the Windy City. We think our guide will give you a great snapshot of where the lab industry is—and where it can go.

compiled by Ryan Hamm

Editor's note: As always, times and events are subject to change (and we couldn't fit everything!), so please consult each show's full schedule for final details.

IN CHICAGO

FRIDAY, FEBRUARY 21

8:00 am, CMM: Exhibit hall at Chicago Midwinter Meeting Opens

8:00-9:00 am, Lab Day Chicago (LDC): "End-to-End CAD/CAM for the Dental Lab," Custom Automated Prosthetics presentation

8:00 am, LDC: B&D Dental Technologies presentations/clinics begin

8:00-10:45 am, LDC: NBC/LMT Written CDT Comprehensive and RG Examinations

8:30-10:30 am, LDC: "Creative Edge Symposium: Begin with End in Hand", presented by Whip Mix, BEGO USA and PREAT Corp.

8:30-9:20 am, Spectrum Dialogue Techno-Clinical Day (SDCTC): "Full Arch, Metal-Free CAD/CAM Restorations with TRINIA", Rainier Urdaneta, DMD

8:45-10:00 am, CL: "All-On-4: Planning Today to Prevent Tomorrow's Problems", Dr. Ken Parrish & Joseph Coursey, CDT

9:00-10:30 am, LDC: GC America Presents: "Removable Prosthetics: Fabricating the Exceptional", Thomas Zaleske, CDT

9:00 am-5:00pm, LDC: Vident Lectures and Clinics

9:20-10:10am, SDCTC: "Porcelain Build-up Techniques & Important Principles for Anterior Restorations", Yuasa Naoto, CDT

Amann Girrbaach America

In addition to its booth in the Lab Day exhibit hall, Amann Girrbaach America will also be welcoming visitors to its Amann Girrbaach Lab Lounge throughout the day on Saturday, February 22. Located in Sheraton Ballroom 4, the Lab Lounge will give lab owners and technicians an opportunity to see the Ceramill CAD/CAM system in action, hear presentations from some of the industry's leading voices, and even enjoy a drink with their peers during an afternoon cocktail reception.

During Lab Day, Amann Girrbaach will be highlighting its new process for seamlessly integrating its design software and milling units with third-party intraoral scanners. This process, called Ceramill iOS, will enable Ceramill-equipped labs to deliver even higher levels of speed, precision and convenience to their customers who supply digital files generated by some of the most widely used intraoral scanners.

Aurident

Aurident, Inc. is showing their new offering, the Optimet 6000 3D scanner, which provides several unique features and benefits for the dental laboratory. Utilizing propriety conoscopic laser holographic technology, highly accurate scans are achievable at 15 µm for single units and 20 µm for bridges up to 14 units. User friendly software allows for easy to use automated scanning. Its 3-axis motorized holder ensures full coverage of undercuts. The Optimet 6000 3-D Scanner also reportedly provides highly accurate scans for all dental applications including copings, frameworks, full contour crowns, implant abutments, implant bars, wax-ups, temporaries, onlays and inlays. Scans are fully integrated with ExoCad® Dental CAD software. Call Aurident at (800) 422-7373 to learn more about this scanner and its availability.



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Core3dcentres

Core3dcentres® will be showing off some of their newest offerings and capabilities, including: Core3dcentres Scan bodies (now available in 17 different brands and over 97 different platforms for all implant and bar cases); Core3daCADemy, now offering a full lineup of courses designed for technicians; the new milling supplies from Core3dCenters; and 3D printing services. Core3dcentres® continues to be a great source for lab scanners and training as a distributor for many of the open platforms like 3shape™, exocad™, Dental Wings™ and so on. Core3dcentres prides itself on not only matching a system that meets your lab's needs, but offering two days of hands-on training so labs get an immediate return on their investments.



Custom Automated Prosthetics

CAP will host five presentations each day of Lab Day (all in the Colorado Room, Level 2), covering a variety of CAD/CAM, workflow and technique topics. See schedule for presentation times and titles.

DATRON

Datron's booth is showing their new 5-axis D5 LS (Linear Scales) milling machine. Additionally, Datron is sponsoring a two part clinic:

Milling Titanium Implant Bars & Custom Abutments In-House

Part 1: What It Takes to Be Successful—Milling your own titanium implant parts can be lucrative, but there are a lot of misconceptions about what's involved. Come learn which equipment features are most important when choosing a scanner, CAM software and milling machine to ensure the greatest success. Included are real-life case studies and examples. (2 CE Credits)

Part 2: Calculating the ROI and Profitability for Your Lab—Immediately following Part 1, we'll explore features of the DATRON D5 dental mill that can significantly increase your profitability. We'll also use an ROI calculator to see if manufacturing implants makes sense for your lab. (1 CE Credit)

Delcam Booth

Delcam is launching the latest release of its DentMILL software for the milling of dental implant restorations. It reportedly includes a clearer interface to make the system even easier to learn and to use, automatic prep-line creation, improved nesting for more efficient use of materials and faster calculation times. DentMILL 2014 is the latest release of Delcam's open dental CAM solution, which is designed to mill all types of restorations, including crowns, bridges and implants, from any dental CAD system on the market. It is based on Delcam's award-winning PowerMILL software for high-speed and five-axis machining, and can mill restorations in any material from PMMA to titanium.

FRIDAY, FEBRUARY 21

9:30 am, SDCTC: Exhibits open at Spectrum Dialogue Techno-Clinical Day

9:30 am, CMM: "The Evolution of Digital Restorative Dentistry: LIVE", Alex Touchstone, DDS; Angela Guazini, CDD, RDH; Lee Culp, CDT

10:15–11:45 am, CL: "CAD/CAM Panel: Metrics for Digital Production", Jim Gorgol, CDT-Moderator; Don Albensi, CDT; Nelson A. Rego, CDT; & Barbara Wojdan, CDT, AAACD

10:15 am-12:15 pm, LDC: DT Technologies Presents: "CAD/CAM 101", Ryan Johnson

10:30am-12:00 pm, LDC: Panthera Dental Presents: "The Next Generation of Intelligent and Fiscally Responsible CAD/CAM Bars", Ruth Bourke

10:40-11:30 am, SDTCD: "Carving out Your Place in the Digital World", Mark Massey, CDT; Paul Bennet, CDT

10:40-11:30 am, SDTCD: "Restoring the Artistry to Removable", Jim Collis, CDT

11:00-11:30 am, LDC: "Dentalle Inc.: Thrive or Survive: The Choice Is Yours", Mike Adkins, CDT

11:00 am-12:00 pm, LDC: "Creative Edge Symposium: Face, White and Pink to Simplify Complex Restorative Cases," Presented by Whip Mix/PREAT Corp./BEGO USA

11:00 am-12:00pm, LDC: GC America Presents: "Esthetic and Stable Solutions for Implant Dentistry", Mike Dominguez, CDT/TE

11:30 am-12:20 pm, SDTCD: "Maximizing High Esthetics Through CAD/CAM Technologies", Luke Kahng, CDT

11:30 am-12:20 pm, SDTCD: "Full Arch Rehabilitation in a Day: At a Glance", Allen Aptekar, DDS

11:45 AM-12:45 pm, CL: "The State of the Dental Laboratory Industry", Dr. Mark Murphy

12:00-1:30 pm, LDC: NBC/LMT written CDT specialty exams

12:30-1:30 pm, LDC: "Creative Edge Symposium: The Science Behind Today's Milling Materials", Presented by BEGO USA/PREAT Corp./Whip Mix Corp

12:30-1:40 pm, LDC: "Kuraray America Inc. presents CAD/CAM Technology Updates in Dentistry," Michael Bergler, MDT

1:00-2:00 pm, LDC: Custom Automated Prosthetics Presents: "Izir, Screw-Retained Crown and Bridge", Bob Cohen, CDT

1:00-3:00pm, LDC: DATRON Presents: "Milling Titanium Implant Bars & Custom Abutments In-House, Pt. 1: What It Takes to Be Successful"

1:20-2:10 pm, SDTCD: "Implant Prosthesis: Materials and Solutions", Fabio Levratto, MDT

1:20-2:10 pm, SDTCD: "A Digital Approach to the Next Level of Hybrid Reconstruction", Ian Bland, CDT

1:30 pm, LDC: Exhibits open at Lab Day Chicago

1:30-3:00 pm, LDC: GC America Presents: "Plans for Implementing Successful Custom Shade Matching on Esthetic Anterior Cases", Luke Kahng, CDT

1:30-3:30 pm, LDC: Zahn Dental Presents: "Introducing the New Synspar Advance: Hands-On Workshop"

1:30-5:00 pm, LDC: BEGO USA Presents: "Masters of Framework" Lecture and Hands-On Series

2:00-3:00pm, LDC: Avadent Digital Dentures by Global Dental Science, LLC Presents: "This Isn't Your Grandmother's Set of Dentures: The Development & Evolution of Digitally Fabricated Dentures"

2:10-3:00 pm, SDTCD: "EQUILIBRIUM: Criteria and Parameters to Achieve a Balanced Smile", Michel Magne, BS, MDT

2:10-3:00 pm, SDTCD: "No Apologies: Challenging the Prosthodontic Perspective", Brian Carson, CDT

3:00-4:00 pm, LDC: Custom Automated Prosthetics Presents: "Custom Milled Abutments"

3:00-4:00 pm, LDC: DATRON Presents: "Milling Titanium Implant Bars & Custom Abutments In-House, Pt. 2: Calculating the ROI and Profitability for Your Lab"

3:20-4:40 pm, SDTCD: "Zirconium Dioxide as a Fundamental in Esthetic Implantology", Luc Rutten, CDT; Patrick Rutten, CDT

3:30-4:10 pm, SDTCD: "Paradigm Shift of Prosthetics", Jeremy Wohlers, CDT

3:30-5:00 pm, LDC: GC America Presents: "The Dental Color Revolution: Matching the Single Crown Shade"

3:30-5:00 pm, LDC: EOS of North America Inc. Presents: "Producing Bridges, Copings, Implants and Models from CAD Data via Laser Sintering—An Industrial 3D Printing Process", Gregor Szwedka, DPL

3:30-5:30 pm, LDC: "Cadblu New Product Review"

4:20-5:10 pm, SDCTD: "Phase 1: Interim Fixed All-on-4 to the Final/Phase 2: Definitive Titanium Prosthesis", Eric Kukucka, DD

4:40-5:30 pm, SDCTD: "I Think I Have a Beautiful Solution for You", Enrico Steger, MDT

5:30 pm, CMM: Exhibit hall closes at Chicago Mid-winter Meeting

5:30-7:00 pm, LDC: Nobel Biocare Presents: "Nobel-Procera Innovation Forum and Reception", Peter Wöhrle, DDS

6:00 pm, LDC: Exhibits close at Lab Day Chicago

6:30 pm, SDTCD: Exhibits close at Spectrum Dialogue Techno-Clinical Day

SATURDAY, FEBRUARY 22

7:30-8:30 am, LDC: Basic exocad clinic

7:30-8:30 am, LDC: Argen Corp. Presents: "Digital A to Z: Bring All your Product Offerings into the Digital Workflow", Marlin Gohn, CDT

7:30-8:30 am, LDC: ProLab Solutions Inc. Presents: "Evolution of Outsourcing: CAD/CAM, Custom Abutments—How Does This Fit Into Your Business Model?", Jim Erb, CDT

7:30-9:30 am, LDC: Nobilium/Ticonium Present: "To Survey or Not to Survey: Common Cast Partial Denture Problems", Elmer Rose, CDT

• **EOS**

EOS is sponsoring two clinics on Friday at Lab Day. A technician from EOS explains how direct metal laser sintering (DMLS™), a 3D additive printing process using CAD data, can produce about 450 units for crowns and bridges in 24 hours unattended, and how to produce plastic models with laser sintering. The clinic will be held in Parlor F, Lobby Level at 1:30 pm and 3:30 pm and is approved for 1.5 scientific credits.

• **Keystone Industries**



Keystone Industries is showcasing one of its biggest sellers, Itsoclear, along with the time-tested Diamond D® Denture Acrylic. Itsoclear is designed to be easy to use and to have a great esthetic finish. It provides the ability to produce and repair a clasp in less than four minutes with cosmetic appeal. Itsoclear is said to be perfect for new partial dentures, as well as repairs and replacing metal clasps. You can use Itsoclear clasps for: repairs, acrylic partials, cast partials with clear clasps in less than three minutes.

• **Glidewell Laboratories**

Glidewell Laboratories will be at both Chicago Mid-winter and Lab Day. The products they will be talking about are BruxZir 16, their new digital FastFire oven, inclusive Lab Box and abutment and bar outsourcing. Stop by the Glidewell booth to learn more.

• **GC America/Renfert/Smile Line**

For the first time, GC America, Renfert USA and Smile Line join efforts to present great things. The GC/Renfert prize wheel will be spinning all weekend long in the exhibit hall. All attendees of GC America's Friday and Saturday clinics are eligible to spin for a chance at a prize. Several different prizes will be awarded. Visit the following DTG members at GC America's and Smile Line's booth: Al Hodges, CDT, Bill Marais, RDT, Jim Redden and Russell DeVreugd and many more! There will also be several hands-on demonstrations at GC's booth.

Additionally, GC America and Renfert have clinics going on throughout both days of Lab Day Chicago in the Fountain View Room.

• **Panthera Dental**

Panthera Dental is announcing the release of the world's first zirconia bar with tapped attachments completely milled using CAD/CAM technology. Until now, customers have had no possibility to screw attachments such as OT Equator, Ball or Locator attachments into a zirconia bar. With the Panthera zirconia bar, it is now possible. The bar will be manufactured using a titanium base that will be offered either in its original color or can be anodized to offer a gold or pink finish. Prior to milling, the customer will be able to approve the design via Panthera's intuitive online 3D viewer. Customers will be able to order their bar starting February 20th 2014.



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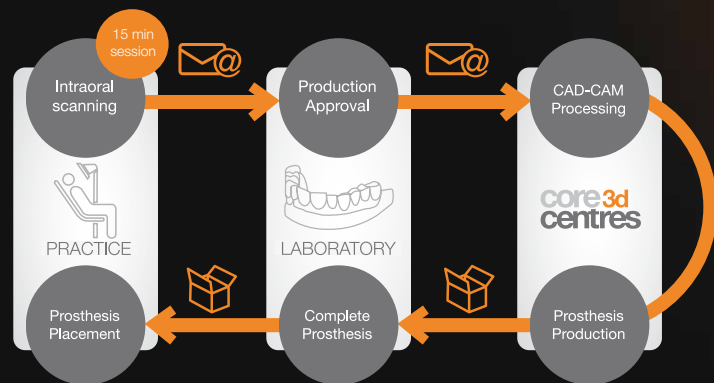
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Primotec

Stop by the primotec USA booth and learn about their new product, PREMIOtemp multilayer. This ultra esthetic PMMA temporary material combines five layers of colors into one disc, giving the restoration the most natural look possible. These gradient discs are composed of special acrylic resins combined with organically modified ceramics for increased translucency and superior mechanical properties. FDA approved and available in a variety of VITA shades. Visit www.primotecusa.com, call 866-643-3129 or email info@primotecusa.com for more information.



Roland DGA

Roland will showcase its DWX dental milling machines, including the award-winning DWX-50 5-axis mill and the new DWX-4 compact dental mill. Said to be convenient and easy to use, DWX dental milling machines are designed to streamline production and automate the milling process from start to finish. Open architecture technology enables dental laboratories to easily integrate the machine within their existing production solution, or create a customized solution by choosing from a wide range of commercially available 3D scanners, ovens and compatible CAD/CAM software programs. Support for virtually any standard puck, block or pin material, including zirconia, wax, PMMA and 3M ESPE's Lava[™] Ultimate Restorative resin nano ceramic, makes the DWX series a very versatile production platform for any laboratory looking to implement an advanced digital workflow. With DWX mills, laboratories get all the benefits of the Roland Care service and support program, located here in the U.S. and offering a host of resources throughout the Americas, including comprehensive training through Roland Academy. For more information on Roland DWX mills, visit www.rolanddga.com/dental.



SATURDAY, FEBRUARY 22

7:30-9:30 am, LDC: Tanaka Dental Presents: "Zirconia Coloring Made Easy by Using Enamel-Colored Zirconia", Shin Ashina, RDT; Asami T., CDT, NMD

8:00 am, LDC: Exhibits open at Lab Day Chicago

8:00 am, LCD: B&D Dental Technologies Clinics/Presentations Begin

8:00 am, CMM: Exhibit hall opens at Chicago Midwinter Meeting

8:00-9:00 am, LDC: PREAT Corp: What's New?

8:00-9:00 am, LDC: Ivoclar Vivadent Presents: "All Ceramic, All Options: Technology in Living Color", Matt Roberts, CDT

8:00-9:00 am, LDC: Dental Wings: DWOS Live-Link[™]—A Collaborative Breakthrough for Labs and Dentists

8:00-9:00 am, LDC: Zahn Dental Presents: "3Shape Full Contour Design Made Easy", Dave Mobley, CDT

8:00 am-4:30 pm, LDC: Ivoclar Vivadent Presents the Candulor "Art of Denture" Competition and Masterpiece Collection

8:30-9:30am LDC: Advanced exocad clinic

8:30-10:30 am, SDTCD: "Mastering the Setup: A Hands-On Course", Jim Collis, CDT

9:00-10:00 am, LDC: PREAT Corp. on New Implant Technologies

9:00-10:30 am, LDC: Amann Girrbach America Presents: "The Importance of Occlusion in CAD/CAM Dentistry", Peter Pizzi, MDT

9:00-10:30 am, LDC: GC America and Renfert Present: "Lost in Translation: A Team Approach to Dentistry"

9:00-11:00 am, LDC: Cadblu Ceramic Workshop

9:00-11:00 am, LDC: Dental Wings Presents: "Cross-Application Integration: Merge DICOM and STL Files in DWOS for Powerful Implant Case Planning and Execution", Larry Stites, CDT

9:00 am-4:00 pm, LDC: DENTSPLY Prosthetics Product Demonstrations

9:00 am-4:00 pm, LDC: BEGO USA Technical Mastery Series

9:00 am-5:00 pm, LDC: Vident lectures and demonstrations

9:00-11:00 am, LDC: Whip Mix Presents: "Your Digital Journey: A Conversation with Mark Jackson and Al Fillastre"

10:00-11:00 am, LDC: Custom Automated Prosthetics Present: "TRIOS Digital Impression and New Workflows"

• **Shofu**

At the Spectrum Dialogue Techno-Clinical Day, Shofu is showcasing Ceramage Indirect Composite as well as Veracia SA Denture Teeth. Jim Collis will host a lecture February 21st in the Parkside Room from 10:40-11:30, explaining the features and benefits of Veracia SA denture teeth. He will also teach a hands-on workshop February 22 from 8:30 am-1:00 pm in the Drake Room which will demonstrate the ease of Veracia Q3 Pack, and application of Ceramage Composite to enhance the denture base. Attendees will stain tissue tabs using Ceramage Gum Color, and stain denture teeth with the Lite Art. Shofu will also be showing the new OneShot HT Press over Pellets (which will enhance the OneShot Uni-layer HT Porcelain) and Dura-Green DIA.

• **Straumann**

Visit the Straumann booth to learn about the Straumann® Variobase™ Abutment*, a customized solution the laboratory can use to fabricate an original Straumann restoration based on the preferred traditional or digital workflow of casting, pressing or Straumann milling. The Ti-alloy abutment is customized with the coping or crown of the lab's choice. The patented** engaging mechanism of the coping on the abutment allows accurate seating and offers an enhanced bonding surface. Four "cams" help reduce rotational misfit of the coping as compared to designs with one cam. Learn more at Midwinter Booth #1045 or Lab Day Ballroom 1.

*Pending FDA clearance

** Patent Pending

• **Talladium**

Talladium is announcing a brand new product: Tilite. Tilite's proprietary formula is based on the same science that NASA used in the fabrication of the porcelain fused-to-metal heat shield for the Apollo Space Program. By manufacturing Tilite in several coefficients of expansion, it is able to absorb heat and expand at the same rate as the individual porcelain being used, thus eliminating stresses and forming an excellent bond. Today, with over 150 million units in the mouth worldwide, Talladium Tilite Alloys have set the standard that all other alloys aspire to in the dental industry. These discs can be used for multi-unit frameworks, full contour crowns and copings for a perfect fit every time. Talladium is now offering 95, 98 and 100mm discs for your CAD/CAM needs.



• **Valplast**

Valplast Education will be offering many courses ranging from basic Valplast® Flexible Partial technology to digital design and fabrication of a removable partial denture. Valplast is also excited to announce that it will be offering laboratories special pricing on digitally designed Valplast® Flexible Partials and also 3D printing services. Precise-Fit Services International has developed a new workflow that allows laboratories to fabricate trial baseplates digitally, reportedly requiring little to no adjustment on the final product.

• **VITA, a Vident Company**

Join Vident, A VITA Company, in the Mississippi Room to learn about new and exciting VITA materials, processing equipment, and digital technology to help increase your knowledge base, hands-on skills and provide you with real-world dental laboratory techniques. All lectures and demos will be held continuously throughout Friday and Saturday. Call today for details and registration: 800-828-3839 ext 238 | Visit vident.com/courses

• **PREAT/BEGO USA/ Whip Mix**

Featuring table clinic presentations before and after courses, the Creative Edge Symposium consists of three different presentations (see schedule for presentation titles). Beginning at 8:30 am, each presentation provides at least one CDT credit. The Symposium is being held in the Columbus Rooms A & B at the Sheraton.

• **Zubler**

Zubler will be showing a variety of materials at its booth at Lab Day, including Dental Concept Systems' latest line of zirconia blanks, DC Zircon translucency; Zubler USA's line of PMMA discs; and Zubler USA's line of wax discs. Stop by the booth to see the advantage offered by each solution.



• **anaxdent North America booth**

Come by the anaxdent North America booth at Lab Day Chicago to grab a drink and see what anaxdent's composites, acrylics, silicones and flasking systems are all about. On Saturday at 2:00 pm, Jaro Urbanski will demonstrate how simple implant denture fabrication can be with the anaxform system. On Saturday at 3 pm, Victor Castro and Sebastien Mosconi will demonstrate how beautiful and natural CAD/CAM restorations can be by bonding pink composite, light cure stains and enamel composite.

SATURDAY, FEBRUARY 22

10:00-10:45 am, LDC: 3Shape Presents: "High Esthetics Made Possible by 3Shape Technology", Matt Roberts, CDT

10:00-11:00 am, LDC: Heraeus Kulzer Presents: "New Digital Communication Workflow Between Dentists and Laboratories", Craig Nelson, CDT

10:00-11:00 am, LDC: BIOMET 3i Presents: "Over the Shoulder: Diem2—Retrofitting a Denture for an Immediate Load Full Arch Restoration", Wayne Szara, CDT

10:00-11:30 am, LDC: Zimmer Dental Presents, "New Advances in Lab Scanning Technology and CAD Design", Mark Massey, CDT

10:00 am-12:00 pm, CMM: "What Kind of Occlusion Are Articulators Providing?", Max Bosshart, CDT; Tonguc Sulun, PhD, DMD

10:15 am-12:15 pm, LDC: "Learn Together, Succeed Together", Enrico Steger, MDT (Zirkonzahn lecture)

11:00-11:45 am, LDC: 3Shape Presents: "A New Frontier in Fabrication of Implant Supported Restorations", Bob Cohen, CDT

11:00 am-12:00 pm, LDC: Safelink Consulting Presents: "What's OSHA Looking For—Infection Control, CR6, Compressed Gases?"

11:00 am-12:00 pm, LDC: BIOMET 3i Presents: "New Digital Technology for the Fabrication of Implant-Supported Restorations"

11:00 am-12:00 pm, LDC: Ivoclar Vivadent Presents, "All Ceramic, All Options: Zirconia—The Power of Light", Aldo Zilio

11:00 am-12:30 pm, LDC: GC America and Renfert Present: "Hand-Made, Results Realized," Thomas Sing, MDT

11:30 am-1:30 pm, LDC: Straumann USA Presents: "Are You Connected?"

12:00-12:30 pm, LDC: BIOMET 3i Open House: "The Latest Innovations in Digital Dentistry for the Laboratory"

12:00-12:45 pm, LDC: 3Shape Presents: "Joining Clinics and Labs in Complete Digital Workflows"

12:30-1:30 pm, LDC: Ivoclar Vivadent Presents: "All Ceramic, All Options: Man, Machine and Material", Nelson Rego, CDT

12:30-1:30 pm, LDC: BIOMET 3i Presents: "3M True Definition Intraoral Scanner and the BIOMET 3i Encode Workflow"

1:00-1:45 pm, LDC: 3Shape Presents: "Dentures and Revolvable Parts Made Easy by CAD/CAM"

1:00-1:45 pm, LDC: "Why Is Everyone Talking About exocad? Options from Your Current CAD/CAM System", John Orfandis

1:00-2:00 pm, LDC: DATRON Dynamics Presents: "Partnering with IMILLING for Your Implant Milling Solutions"

1:00-2:00 pm, LDC: Dental Wings Presents: "Chairside VPS Impression Scanning: A New Digital Workflow to Grow Your Business"

1:00-2:30 pm, LDC: Whip Mix Presents: "Tired of Working Harder Without Results? Learn to Recognize Process Waste In Your Lab", Bob Yenker

1:00-3:00 pm, LDC: DENTSPLY Implants Presents: "Comprehensive Implant Restorative Solutions for Edentulous Indications with a Focus on Biology and Engineering", David Avery, CDT

Argen Booth

Argen Corporation is excited to showcase the industry's first and only High Noble Selective Laser Melted (SLM) substructures, ArgenZ™ Transitionally Shaded Esthetic Milled Zirconia and more digital solutions. Argen is the only company in the world to offer High Noble, Noble and Non Precious SLM substructures. Their High Noble SLM offers labs an economical, white gold alloy containing 40 percent gold, available through the digital workflow in single unit crowns to 6-unit bridges. ArgenZ™ Transitionally Shaded Esthetic Milled Zirconia offers extremely accurate, life-like restorations with the highest translucency for beautiful esthetics and is available in 16 Vita shades and 3 bleach shades. Dental laboratories simply upload their STL files to www.argen-digital.com for quick turnaround and competitive pricing.

DENTSPLY Implants Clinic

Led by David R. Avery, AAS, CDT, this clinic will focus on how the lab can help with digital solutions. As members of the restorative team, technicians must understand how to determine the best treatment for each patient based on individual function and esthetic requirements. This course is designed to educate on the biologic and engineering aspects while understanding the role of the technician in providing digital solutions. 2 NBC Scientific CDT credits. Location: Superior A, Level 2

BIOMET 3i

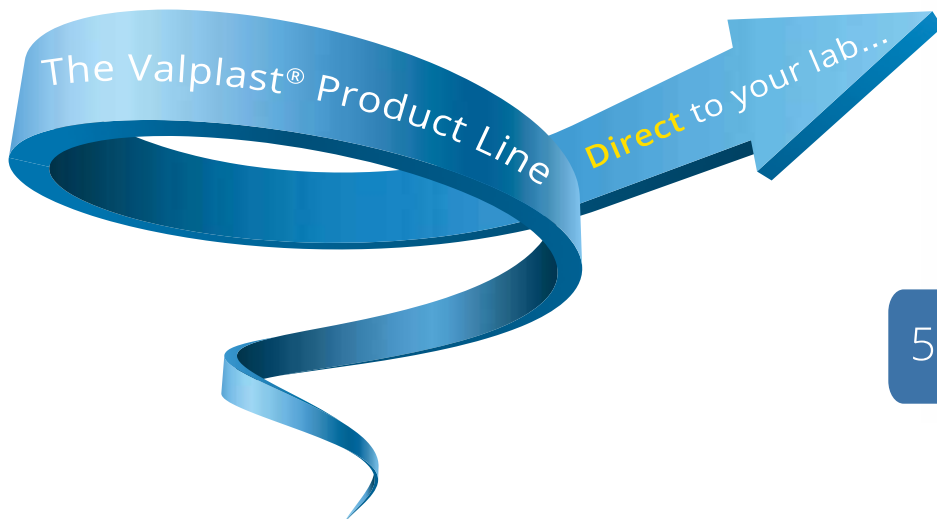
BIOMET 3i's Lab Day Clinic takes place on February 22, 2014 at Lab Day Chicago. The clinic will feature a number of speakers including Simon Ghosh, Director of iTero® Business Development at Align Technologies speaking about digital impression taking and implant dentistry. Wayne Szara, CDT from BIOMET 3i will conduct a session entitled "Over the Shoulder: DIEM®2—Retrofitting a Denture for an Immediate Load Full Arch Restoration." Mr. Ryan Napolitano, who is the Director of Marketing & Operations at Precision Craft Dental Laboratory, will speak on new digital technologies for the fabrication of implant-supported restorations and finally, Karla Plantan, who is a Systems Application Engineer from 3M ESPE will be speaking on the 3M True Definition Scanner and the BIOMET 3i BellaTek® Encode® Workflow. Continuing Education Credits are available at the clinic.

SATURDAY, FEBRUARY 22

- 1:30-3:00 pm**, LDC: GC America Presents: "Keeping It Real"
- 2:00-2:45 pm**, LDC: "CAD/CAM Provisionals Made Beautiful with Composite", Jaro Urbanski
- 2:00-3:00 pm**, LDC: Ivoclar Vivadent Presents: "All Ceramic, All Options: Exploring the Limits of IPS e.max"
- 2:45-5:15 pm**, LDC: Amann Girrbach America Presents: "Hybrid Abutments/Hybrid Bars: Extended M-Plant Lecture with an Introduction of the Bar Module"
- 3:00-3:45 pm**, LDC: 3Shape Presents: "Digital Temporaries"
- 3:00-3:45 pm**, LDC: 3Shape Presents: "Digital Impressions in Computer-Guided Implantology"
- 3:00-3:45 pm**, LDC: "White Esthetics Made Easy: anaxblend Light Cure Stains and Incisal", anaxdent North America booth
- 3:00-4:00 pm**, LDC: PREAT Presents: "New and Improved Options for Precision Attachment Retained Removable Partial Dentures"
- 4:00-4:30 pm**, LDC: "Implant Denture Fabrication Made Simple with anaxFORM", anaxdent North America booth
- 4:00-4:45 pm**, LDC: 3Shape Presents: "What's New with DS 2014"
- 4:00-4:45 pm**, LDC: 3Shape Presents: "A New Era of Orthodontics: Splints & Appliances with CAD/CAM"
- 4:30 pm**, LDC: Exhibits close at Lab Day Chicago
- 5:30 pm**, CMM: Exhibit Hall closes at Midwinter Meeting

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• **envisionTEC**

envisionTEC will be showcasing their newly developed digital orthodontic program. This program combines their 3D printing solutions (both printers and materials) into a fully digital workflow.

• **Ivoclar Vivadent**

Ivoclar Vivadent is presenting a number of lectures on February 22, all under the umbrella of "All Ceramic, All Options" (see schedule for specific topics). Each presentation will take place in Chicago 6, Ballroom Level. Speakers like Lee Culp, Matt Roberts, Nelson Rego and others will present on a variety of topics, all designed to push your lab forward.

• **exocad**

At the exocad booth at Lab Day Chicago, attendees will be able to check out the new digital denture module for exocad, in which landmark analysis can be performed digitally, and the results will be used for an automatic tooth setup suggestion. The prosthetic can be milled or printed, or produced using a combination of methods. Additionally, exocad will be showing off their new implant planning module, exoplan, which can load DICOM data from a wide selection of CT/DVT machines, and provides advanced 2D and 3D visualization and analysis features. In a straightforward workflow, the user is guided step-by-step through the entire process of planning implant positions. The exocad software is also being updated with a touchscreen-enabled user interface along with other announcements! Finally, exocad's John Orfandis will be running a clinic on Saturday in Hospitality Suite 1029 at 7:30 (basic techniques) and 8:30 (advanced techniques).

• **Heraeus Kulzer/Stratasys/Dental Wings**

Heraeus Kulzer, Dental Wings and Stratasys are working together to redefine chairside digitization of VPS impression material. Chairside impression scanning brings all the advantages of dental CAD/CAM without changing impression taking protocol or forcing dentists to learn a new technology. The lab can begin fabrication of the restorations and digital models within minutes of receiving the impression data. With enhanced communication and significant productivity gains, your laboratory is able to consistently deliver high quality restorations faster and with fewer remakes. Learn more at Lab Day and the Chicago Midwinter Meeting booths for each company.

• **SafeLink Consulting**

SafeLink is presenting programs both Friday and Saturday (see schedule) and also has a booth. The programs meet the Regulatory Standards requirements for CE NBC Credits. The topic this year will be on what OSHA is focusing on in inspections of dental laboratories, since there has been an increase in the number of inspections, and also on the focus of the inspections. SafeLink will also be introducing a new product at the Cal-Lab meeting and at Lab Day: an updated Safety Trainer that provides health and safety training for dental technicians. The first version has been around for some time, so this new product will provide up-to-date material for dental laboratory owners and their Safety Coordinators to use to train their workers on the major aspects of health and safety in the dental laboratory.

• **Sirona**

Visit Sirona Dental Inc.'s multiple booths at Lab Day Chicago and experience Sirona's new robotic scanner, the inEos® X5. The inEos X5 features a unique robot arm, innovative model positioning and the latest scanning technology for reportedly excellent precision, flexible handling, and a comprehensive spectrum of applications. The inEos X5 can be utilized as a standalone unit with infiniDent, or in combination with the latest inLab® SW and inLab® MC XL milling unit for complete in-house production.

• **Stratasys**

Stratasys will have two new white papers available at Lab Day: "Perfecting Dental Treatments via 3D Printed Models and Removable Dies" which uses a case study to illustrate the ease of utilizing consistent and reproducible 3D printed verification protocols as a means of ensuring the success of the restorative treatment plan; and "Seamless Integration of the exocad Model Creator with the Stratasys Eden260V Printing System," which illustrates the seamless integration of the exocad Model Creator with the Objet® Eden260V™ 3D Printer from Stratasys®.

• **Sun Dental Labs**

Visit Sun Dental Labs' booth and learn about their new **scanner rental program**. Laboratories can rent a SunscanM 3D Model Scanner for \$199 a month, which includes a free one-day training session and a free night stay in Clearwater, Fla. Labs scan the model for any type of restoration and upload the file to Sun's customer portal. Sun Dental Labs then designs the case, fabricates the work and ships the case within five days in lab.

• **Whip Mix**

Whip Mix will present three programs on Saturday, February 22, all in Room 929 (see schedule for times). The first is an interactive discussion with Mark Jackson and Al Fillastre and will focus on digital CAD/CAM products and how they determined what was right for them, how they justified capital equipment costs and how they handled the new challenges. The **second** presentation is hosted by Bob Yenker and will provide a realistic picture of how to prepare and maintain a focus on reducing Waste in the Lab. Using a Lean manufacturing strategy, attendees will learn how to identify waste in their process, and link the waste to root-causes for corrective action. Owners, Presidents, General Managers and Improvement Leaders who are looking for a method to communicate the applicability of Lean concepts to their own environment are encouraged to attend. **Finally, Brian Knopf explains "The Science Behind Today's Milling Materials" to conclude the Whip Mix series of presentations**

• **Zirkonzahn**

At Zirkonzahn's booth, they will show their new developed Milling Unit Compact Line M1, which is designed to make CAD/CAM technology accessible to everyone. Thanks to the various versions of the M1 line, any different laboratory's requirements can be met. At the top of the line stands the 5 axis Milling Unit M1 Wet Heavy which makes it possible to process zirconia, titanium, chrome cobalt, PMMA, WAX as well as glass ceramics. Zirkonzahn is also showing the Titanium-Spectral Colouring Anodizer and the Zirkonofen 700. Additionally, Enrico Steger, MDT and founder of Zirkonzahn, is speaking at both Lab Day and the Spectrum Dialogue Techno-Clinical Day.