‘Day on
the Hill’

By Sierra Rendon, Managing Editor

Do you ever wish you could be more involved with the choices and decisions the U.S. government makes regarding health and dental care? That’s what the “Day on the Hill” is all about. The American Association of Oral and Maxillofacial Surgeons will host its 12th annual “Day on the Hill” on March 28. The event is held to help and encourage clinicians to participate in the political process and create relationships and connections with federal legislators.

The day before the “Day on the Hill,” attendees will meet at the Mayflower Renaissance Hotel in Washington, D.C., for tips on Hill meetings and remarks about the issues by AAOMS’s federal representatives. A cocktail reception and a dinner featuring keynote speaker, Tucker Carlson, will also take place that day.

The “Day on the Hill” will begin at 7 a.m. with a breakfast meeting and morning program.

Study: Bone-regenerating protein could improve implant success

By Dental Tribune America

Using a bone-inducing protein to augment the maxillary sinus could improve dental implant success in cases where bone loss presents a challenge, according to Georgia Health Sciences University researchers. With bone thinning a common cause and/or consequence of tooth loss, researchers are keen on finding better ways to build up bone that is too thin to support the anchoring of dental implants.

The current favored solution is to supplement the area with bone grafts to stabilize the implant base. But that technique can be problematic “primar-
ITI welcomes submissions for 2012 André Schroeder Research Prize

Annual $20,000 award for the advancement of dental research and development

The International Team for Implantology (ITI), a leading academic organization dedicated to the promotion of evidence-based education and research in the field of implant dentistry, is inviting submissions for the highly regarded André Schroeder Research Prize as of February. The André Schroeder Research Prize, which carries a cash endowment of $20,000 (CHF), is one of the most prestigious awards in implant dentistry today. It is awarded to independent researchers for their contribution to the advancement of research and development in implant dentistry.

In this way, the ITI promotes and supports the dissemination of new scientific findings in implant dentistry, oral tissue regeneration and related fields. The annual award is adjudicated by the ITI Research Committee, which is made up of international specialists in implant dentistry and related fields. In 2012, it will be presented at the ITI Congress Canada, which will take place Sept. 21-22 in Toronto.

The award was established 20 years ago and is dedicated to the late Professor André Schroeder (1918-2004), founding ITI president, who pioneered implant dentistry and whose lifework contributed significantly to the course of modern implant dentistry.

Last year’s winner was Dr. Nikola Saulac from the University of Bern, Swit- zerland, for an experimental study on “Bone apposition to a titanium–zirconium alloy implant surface.”

Researchers who can demonstrate new findings in implant dentistry and related fields are invited to apply for the 2012 André Schroeder Research Prize. The application form can be downloaded from the ITI website. The deadline for manuscript submission is April 15.

More information about the André Schroeder Prize as well as the terms and conditions of participation are available at the ITI website www.iti.org.

About the ITI

The International Team for Implantology (ITI) unites professionals around the world from every field of implant dentistry and related tissue regeneration. As an independent academic association, it actively promotes networking and exchange among its membership. ITI fellows and members, who now number more than 10,000, regularly share their knowledge and expertise from research and clinical practice at meetings, courses and congresses with the objective of continuing improving treatment concepts and outcomes to the benefit of their patients.

In more than 30 years, the ITI has built a reputation for scientific rigor combined with concern for the welfare of patients. The organization focuses on the development of well-documented treatment guidelines backed by extensive clinical testing and the compilation of long-term results. The ITI funds research as well as scholarships for young clinicians, organizes congresses and continuing education events and also publishes reference books.

BMP ... could be the new gold standard for this procedure'

which improves the chances for success- ful implants,” Wikesjö said. “BMP is phe- nomenal because it’s a true, off-the-shelf product with ease of use that can produce real results, and it could be the new gold standard for this procedure.”

According to the American Associa- tion of Oral and Maxillofacial Surgeons, 69 percent of adults age 35-44 have lost at least one tooth due to decay, disease or trauma, and 26 percent of adults have lost all permanent teeth by age 54. Before dental implants were available, the only options for replacing these missing teeth were dentures and dental bridges, both of which could lead to further bone loss. Implants provide patients with numerous benefits, including improved oral health, appearance, speech, convenience, durability and ability to eat.

The findings of the Wikesjö team’s pi- lot study were presented at the Academy of Osseointegration annual meeting in Washington, D.C. Wikesjö’s GHIS co-invest-igators include Drs. Jaesub Lee, Cres- tiano Susin, Nancy Rodriguez and Jamie De Stefano.

According to the Ontario Ministry of Health, by 2004 two BMP products had already received Health Canada ap- proval. One approved use is to aid in the treatment of long bone fractures. Anoth- er type of BMP was approved for use in spinal fusion procedures in patients with degenerative disc disease, eliminating the traditional need for bone grafts from the pelvis.

BMPs were discovered by UCLA ortho- pedic surgeon Marshall Urist. A 2001 obituary for Urist in the Los Angeles Times said: “Urist was probably best known for his discovery in 1965 of bone morphogenic protein, or BMP, a genetically produced substance that helps bone to regenerate by inducing certain types of connective tissues and other unspes- cialized cells to become bone cells. In more than 20 years of experimentation, Urist proved that BMP could be used to build living bone tissue around surgical pins and screws used to repair broken hips, shoulders and other bones.”

According to Frost and Sullivan, a 50-year-old global market research and consulting firm, a BMP market began to open up in 2001 with U.S. FDA approval of a BMP product for clinical use.

Since then, the market has steadily grown and other BMP products have been approved by the FDA, Health Cana- da and regulatory agencies in a number of other countries. Prices for treatment remain relatively high, though, espec- ially when compared with the costs of traditional bone grafting. Frost and Sulli- van report that regulatory, insurance and patent challenges also have kept growth of the BMP market in check — along with continued research into potential risks associated with use of BMPs in high concentration.

BMPs are primarily on spinal fusion sur- geries, a September 2008 research report on the BMP market by Frost and Sullivan states. “The primary advantage of bone growth factors compared with allograft bone tissue is that they do not depend on the availability of donated human tissue. In addition, owing to the potential risk of disease transmission, synthetic materi- als and growth factors may be perceived as safer than allograft-based bone tissue. Many new composite products are also becoming available, which seek to har- ness the combined characteristics of syn- thetic and natural materials in one single product optimized for rapid bone repair and regeneration.”

(Sources. Georgia Health Sciences Uni- versity, the Medical Advisory Secretariat, Ontario Ministry of Health and Long-Term Care, and Frost & Sullivan)

Corrections

Implant Tribune strives to maintain the utmost accuracy in its news and clinical reports. If you find a factual error or content that requires clarification, please contact Managing Editor Sierra Rendon at s.rendon@dental-tribune.com.

Dental Tribune cannot assume responsibility for the validity of product claims or typographical er- rors. The publisher also does not assume responsibil- ity for product names or statements made by adver- tisers. Opinions expressed by authors are their own and may not reflect those of Dental Tribune America.

Tell us what you think!

Do you have general comments or criticism you would like to share? Is there a particular topic you would like to see articles about in Implant Tribune? Let us know by e-mailing feedback@dental-tribune.com. We look forward to hearing from you! If you would like to make any change to your subscription (name, address or to opt out) please e-mail us at dat@dental-tribune.com and be sure to include which publication you are referring to. Also, please note that subscription changes can take up to 6 weeks to process.

Annual $20,000 award for the advancement of dental research and development

BMP ... could be the new gold standard for this procedure

which improves the chances for success- ful implants,” Wikesjö said. “BMP is phe- nomenal because it’s a true, off-the-shelf product with ease of use that can produce real results, and it could be the new gold standard for this procedure.”

According to the American Associa- tion of Oral and Maxillofacial Surgeons, 69 percent of adults age 35-44 have lost at least one tooth due to decay, disease or trauma, and 26 percent of adults have lost all permanent teeth by age 54. Before dental implants were available, the only options for replacing these missing teeth were dentures and dental bridges, both of which could lead to further bone loss. Implants provide patients with numerous benefits, including improved oral health, appearance, speech, convenience, durability and ability to eat.

The findings of the Wikesjö team’s pi- lot study were presented at the Academy of Osseointegration annual meeting in Washington, D.C. Wikesjö’s GHIS co-invest-igators include Drs. Jaesub Lee, Crist- tiano Susin, Nancy Rodriguez and Jamie De Stefano.

According to the Ontario Ministry of Health, by 2004 two BMP products had already received Health Canada ap- proval. One approved use is to aid in the treatment of long bone fractures. Anoth- er type of BMP was approved for use in spinal fusion procedures in patients with degenerative disc disease, eliminating the traditional need for bone grafts from the pelvis.

BMPs were discovered by UCLA ortho- pedic surgeon Marshall Urist. A 2001 obituary for Urist in the Los Angeles Times said: “Urist was probably best known for his discovery in 1965 of bone morphogenic protein, or BMP, a genetically produced substance that helps bone to regenerate by inducing certain types of connective tissues and other unspecialized cells to become bone cells. In more than 20 years of experimentation, Urist proved that BMP could be used to build living bone tissue around surgical pins and screws used to repair broken hips, shoulders and other bones.”

According to Frost and Sullivan, a 50-year-old global market research and consulting firm, a BMP market began to open up in 2001 with U.S. FDA approval of a BMP product for clinical use.

Since then, the market has steadily grown and other BMP products have been approved by the FDA, Health Cana- da and regulatory agencies in a number of other countries. Prices for treatment remain relatively high, though, espec- ially when compared with the costs of traditional bone grafting. Frost and Sulli- van report that regulatory, insurance and patent challenges also have kept growth of the BMP market in check — along with continued research into potential risks associated with use of BMPs in high concentration.

BMPs are primarily on spinal fusion sur- geries, a September 2008 research report on the BMP market by Frost and Sullivan states. “The primary advantage of bone growth factors compared with allograft bone tissue is that they do not depend on the availability of donated human tissue. In addition, owing to the potential risk of disease transmission, synthetic materi- als and growth factors may be perceived as safer than allograft-based bone tissue. Many new composite products are also becoming available, which seek to harness the combined characteristics of synth- etic and natural materials in one single product optimized for rapid bone repair and regeneration.”

(Sources. Georgia Health Sciences Uni- versity, the Medical Advisory Secretariat, Ontario Ministry of Health and Long-Term Care, and Frost & Sullivan)

Corrections

Implant Tribune strives to maintain the utmost accuracy in its news and clinical reports. If you find a factual error or content that requires clarification, please contact Managing Editor Sierra Rendon at s.rendon@dental-tribune.com.

Dental Tribune cannot assume responsibility for the validity of product claims or typographical er- rors. The publisher also does not assume responsibil- ity for product names or statements made by adver- tisers. Opinions expressed by authors are their own and may not reflect those of Dental Tribune America.

Tell us what you think!

Do you have general comments or criticism you would like to share? Is there a particular topic you would like to see articles about in Implant Tribune? Let us know by e-mailing feedback@dental-tribune.com. We look forward to hearing from you! If you would like to make any change to your subscription (name, address or to opt out) please e-mail us at dat@dental-tribune.com and be sure to include which publication you are referring to. Also, please note that subscription changes can take up to 6 weeks to process.
The BIG DIFFERENCE?

BRAND X
$400

INFINITY
$145

PRICE.

Available in both a tri-cam and internal hex configuration
Surgically compatible with NobelBioCare™
NobelReplace™ and Zimmer™ Tapered Screw-Vent™

Confidence. It's just like your current implant system.
Compatibility. You can use the same surgical drills, drivers, and prosthetics.
Cost. Instead of paying $400, you pay only $145 per implant.

ACE Surgical Supply Co., Inc.
1034 Fleet Street, Brockton, MA
1.800.441.3100 • acesurgical.com

The SYNTHETIC SOLUTION TO BONE REGENERATION

NovaBone® is the only dental bone graft putty that is completely synthetic with excellent and reliable bone formation characteristics. It is indicated primarily for implant related surgeries including but not limited to sinus elevation surgeries, extraction sockets, ridge augmentations, etc. Putty does not require mixing as it is dispensed in a premixed state ready for implantation.

NovaBone Dental Putty is available in multiple delivery mechanisms including syringes, dials & cartridges. The consistency and formulation of the putty is identical in the various delivery systems.

Limited Time Offers

1 FREE Dispenser with limited cartridge purchases.
Buy a Cartridge 4-pack get 1 NAD610 Clam SHEET FREE!

NovaBone Dental Putty Cartridge System
A NAD620 0.5cc Cartridges 2/pk $225.00
A NAD640 0.5cc Cartridges 6/pk $430.00
A NAD621 1.0cc Cartridges 2/pk 410.00
A NAD690 Cartridge Dispenser each 99.99

NovaBone Dental Putty Syringe
B NAD610 0.5cc Syringe 1/Pack $105.00
B NAD611 1.0cc Syringe 1/Pack 190.00
B NAD612 2.0cc Syringe 1/Pack 335.00

NovaBone Dental Putty Clam Shell
C NAD660 0.5cc Clam Shell 1/Pack $59.00
C NAD640 0.5cc Clam Shell 6/Pack 499.49
C NAD611 1.0cc Clam Shell 1/Pack 170.00
C NAD622 1.5cc Clam Shell 2/Pack 391.99

ACE Surgical Supply Co., Inc.
1034 Fleet Street, Brockton, MA
1.800.441.3100 • acesurgical.com

All offers expire April 30th 2012.
The Academy of Osseointegration meets in March in Phoenix

Impladent introduces to AO attendees OsteoTape Performed Porous Resorbable Bone Graft, a combination of non-ceramic OsteoGen Synthetic Bioactive Resorbable Graft and highly purified bovine collagen matrix.

HANS Korea offers its Universal Stopper Technique, management of post-implant complications and maintenance of implants.

Implant Direct President Dr. Gerald Niznick, left, whose company calls itself the ‘simply smarter’ choice in implant dentistry because it offers innovative high-quality implant solutions at market-appropriate prices.

As a leading dental implant manufacturer, BIOMET 3i utilizes cutting-edge CAD/CAM, restorative regenerative and surgical technologies, as well as provides educational support for both clinicians and patients.

Z-Systems is the leading manufacturer and distributor of a metal-free, all-zirconia, A-TZP-BIO-HIP dental implant system called Z-Looks.

Nazanin Ghafouri, far right, and helpers show AO attendees the latest Osstell product, Osstell ISQ, which measures the stability of implants in a precise and objective way, using the universal ISQ (Implant Stability Quotient) scale. The ISQ values help dentists determine the optimal time to load each implant — immediately or later, even when osseointegration is under way.

Piezosurgery devices by Mectron utilize piezoelectric (ultrasonic) vibrations proven to cut bone with incredible precision and safety while causing virtually no damage to soft tissue.

Christopher Stachl and Brian Schiefer of Austrian-based company, W&H. The company is one of the leading international producers of precision dental instruments. The W&H portfolio is composed of products for implantology, prophylaxis, dental restoration and prosthetics, endodontics, laboratory, as well as items for hygiene care and applications.

Photos/Humberto Estrada, Dental Tribune
Discover Atlantis™ Crown Abutment

Atlantis™ Crown Abutment is an efficient, effective and esthetic alternative to traditional cast abutments for single-tooth, screw-retained restorations. Like Atlantis™ patient-specific CAD/CAM abutments for cement-retained restorations, the Atlantis Crown Abutment is uniquely designed from the final tooth shape for more natural esthetic results and available for all major implant systems. It is also precision-milled from a solid blank of biocompatible zirconia, which eliminates the need to cast with precious metals.

What’s more, because porcelain is applied directly to the Atlantis Crown Abutment, it can be easily retrieved, if needed, and the time and cost of preparing a separate coping is recaptured.

Atlantis Crown Abutment is available in five shades, including a new translucent zirconia in white. It can be placed in all positions in the mouth and is covered by a comprehensive warranty.

For more on the benefits of Atlantis™ screw- and cement-retained solutions, visit www.atlantisabutment.com.

Experience the freedom of unlimited possibilities. Experience Atlantis™.
Thommen Medical is a Swiss designer and manufacturer of dental implant systems. The company says it has a unique reputation for Swiss precision, innovation and functional design.

MIS Implants Technologies offers a comprehensive range of implants and superstructures, as well as innovative surgical tools and bone-grafting materials including the Abrahami drill guide, bone compression and drill stopper kits, the Crest Widener and BondBone, to support a successful and safe implantation procedure.

Osteohealth offers grafting solutions such as Bio-Oss, Bio-Gide and Bio-Oss Collagen, as well as a completely synthetic regenerative technology, GEM 21S growth-factor enhanced matrix. The newest additions to Osteohealth’s product portfolio is the Heli. Product line of natural collagen wound healing dressings and Mucograft® collagen matrix, a natural 3-D scaffold for soft-tissue regeneration.

Zimmer says it offers one of the most comprehensive implant and regenerative product lines, including the Tapered Screw-Vent Implant System and Puros Allograft Family, and provides professionals access to education and training resources, such as The Zimmer Institute.

You know how important photographs are to your practice, but you don’t know who to turn to for advice. PhotoMed understands your need and can help you choose the right camera. We also include a support and loan equipment program for the life of the camera so you have someone to turn to if you have questions.

PhotoMed dental cameras feature the best digital camera equipment available. The Canon G12, Rebel T3 and T3i are great choices.

Choosing a quality dental system for your practice doesn’t have to be difficult. Call the experts at PhotoMed and we’ll help you with all of your camera questions.

PhotoMed www.photomed.net • 800.998.7765
SEVEN
Highly Successful MIS Implant

The MIS SEVEN implant has a highly advanced surface with a high rate of successful osseointegration (99%), which was validated by extensive worldwide research and clinical studies in cooperation with world-class universities and scientific research institutes. Its unique geometrical design gives the SEVEN implant the important features of simple, quick and safe insertion, high primary stability, and compatibility in the most complex cases in every area of the jaw.

Thomas P. Hinman
Meeting 2012
Visit us at Booth #1908

The MIS SEVEN implant is the only implant system in the world that comes with a specially designed and sterilized final drill, allowing a short and safe drilling procedure.

MIS offers a wide range of innovative kits and accessories that provide creative and simple solutions for the varied challenges of implant dentistry. To learn more about MIS visit our website: www.mis-implants.com.
Got Torque?

W&H Impex Inc.
6490 Hawthorne Drive
Windsor, Ontario N8T 1J9
t: +1 519 944 6739
t: +1 800 265 6277
f: +1 519 974 6121
office.ca@wh.com

wh.com/na
gIDE Institute unveils new training center

Global Institute for Dental Education (gIDE), founded in 2003 in Los Angeles, is now equipped with a high-tech, modern training center fully integrated with an advanced surgical suite and complete with audio/video capabilities. Previously limited to 16 participants, the remodeled institute now accommodates up to 25 professionals with a large-screen viewing of up-close surgery.

gIDE moved its global headquarters in June 2006 to a 4,000-square-foot recording studio, formerly home of the famous California band The Beach Boys. It is now transformed into a modern facility with studios for live broadcast events held worldwide, production of clinical videos and onsite training center for hands-on courses and live surgical demonstrations.

Of the many courses held at gIDE, one is a four-day grafting course in which participants have an opportunity to learn the latest implant techniques for successful soft-tissue management, extraction site grafting, ridge preparation and regeneration for implant placement.

Esthetic implant procedures and sinus grafting are also taught, all through the use of didactic, comprehensive and clear clinical protocols.

Each implant course offers a hands-on workshop and live-patient surgery that can be taken separately or together as a comprehensive update program.

The four-day course is offered once a quarter and is limited to 25 participants. According to gIDE, it is the best short-term implant program to advance participants to the next level in implant surgery and improve confidence in hard- and soft-tissue grafting and the management of complications.

gIDE’s vision of the innovative training center is for the clinician to experience learning via theory, hands-on and live surgery with inspiration of the beautiful high-tech surgical suite to in-
Tired of Price Increases on Over-Priced Implants?

It’s Time for a Reality Check. Choose Implant Direct for...
Innovative Products. Great Value. Highest Customer Satisfaction

**Legacy™ 3 Implant**
All-in-1 Packaging includes implant, abutment, transfer, cover screw & healing collar
$175 vs $621* from Zimmer Dental

**SwishPlant™ Implant**
All-in-1 Packaging includes implant, straight abutment/transfer, cover screw & healing collar
$200 vs $705* from Straumann

**ReActive™ Implant**
All-in-1 Packaging includes implant, abutment, transfer & cover screw
$200 vs $694* from Nobel Biocare

---

**Implant Direct’s New Las Vegas Training Center**
Implant Direct offers an extensive list of educational opportunities at its Las Vegas Training Center with computers at each desk for Image Guided Surgical Training, models/mannequins for hands-on training and a four chair dental office for live surgical demonstrations.

Debut Courses: April 20-22 | June 1-3 | July 20-22
For information on courses and dates, both in Las Vegas and throughout the U.S., visit Implant Direct’s website or use your smartphone to link directly to our Educational Section.

---

EARN 2 CE CREDITS FREE: View Online Lecture with 3D Graphic Videos & Answer 13 Test Questions

The Changing Reality of Implant Dentistry
Presented by Dr. Gerald Niznick
Technological advances and economic factors have shifted the implant industry toward affordable care.

---

Intro Offer: Make the switch & receive three FREE implants

*Introductory offer available only until supply runs out or 10/1/2012, whichever occurs first. All trademarks are property of their respective owners.

1. **Implant Direct** is the sole source of the Legacy Implant.

2. **SwishPlant** is a registered trademark of Zimmer Dental, Inc.

3. **ReActive Implant** is a registered trademark of Nobel Biocare.

4. **Nobel Biocare** is a registered trademark of Nobel Biocare AB.

5. **Nobel Biocare** is a registered trademark of Nobel Biocare AB.

6. **Legacy Implant** is manufactured by Zimmer Dental, Inc.

7. **SwishPlant** is a registered trademark of Zimmer Dental, Inc.

8. **ReActive Implant** is a registered trademark of Nobel Biocare.

9. **Nobel Biocare** is a registered trademark of Nobel Biocare AB.

10. **Legacy Implant** is manufactured by Zimmer Dental, Inc.

11. **SwishPlant** is a registered trademark of Zimmer Dental, Inc.

12. **ReActive Implant** is a registered trademark of Nobel Biocare.

13. **Nobel Biocare** is a registered trademark of Nobel Biocare AB.
Legacy™ Implant System Advantages:

Industry-Compatible Internal Hex
Prosthetic compatibility with Zimmer Dental Screw-Vent®, BioHorizons® & MIS implants

Surgical Compatibility with Tapered Screw-Vent®
No need to change surgical protocol or tools

Three Implant Designs & Packaging Options
Allowed for selection based on price, packaging or thread design

Legacy1: $125 includes cover screw, healing collar & plastic carrier
Legacy2: $150 includes cover screw, healing collar & temporary abutment/transfer
Legacy3: $175 includes cover screw, healing collar & preparable abutment/transfer

Micro-Threads
Reduce crestal stress for improved initial stability

Widest Range of Dimensional Options
The entire Legacy system includes seven implant diameters (3.2, 3.7, 4.2, 4.7, 5.2, 5.7, 7.0mm) & six implant lengths (6, 8, 10, 11.5, 13, 16mm)

Legacy1
Standard "V" Threads
Matches Screw-Vent®

Legacy2
Spiral Threads for Increased Stability

Legacy3
Buttress Threads for Increased Surface
Join MIS Implants for its charitable Bike Event, taking place July 29. The ride will benefit Ninos de la Luz, an organization that aids children in the Dominican Republic. Photo/ www.sxc.hu

Gear up for charitable bike event

MIS Implants Technologies, based in Fair Lawn, N.J., will be holding its second Bike Event on July 29.

This year, participants will be riding for Ninos de la Luz (Children of the Light), an organization that funds an orphanage for the “lost boys” of the Dominican Republic. This organization shelters boys who have been living on the streets, often abandoned by their families, giving them a place to live, schooling and life skills to eventually live on their own and be a solid member of society.

This year’s bike ride will be 40 miles in length and go through part of the lower Hudson Valley — starting in Park Ridge, N.J., and ending in Piermont, N.Y. A light breakfast will be served prior to the ride as well as replenishing snacks after. There will be one planned rest stop along the route.

Motti Weisman, CEO of MIS Implants Technologies, visited the orphanage. He was touched and impressed by the commitment of the people running this facility and immediately wanted to help in a substantial way. He was able to meet and dine with some of the boys and was intrigued by their stories.

“The work being done here is remarkable, and I have committed to providing the funding for a media center to help with the boys’ computer skills and ultimately make them current with today’s workplace,” Weisman said. “The boys are able to stay at the facility, known as ‘The Ranch,’ until they are 18. The success stories from this group are truly heartwarming, and I foresee having a long-term relationship with this organization to continue to help.”

There is no government funding available for social needs such as this. Private funding is crucial to give these boys an environment where they can turn their lives around and thrive.

Registration is now open for the 2012 MIS Charitable Bike Ride. For more information, visit www.miscyclingteam.com or call (201) 710-6217. There are different registration packages available. All proceeds from this event will be directly donated to impact international health and earmarked for Ninos de la Luz. Registration fees are tax deductible.

To learn more about the orphanage, visit ninosdelaluz.org.

‘The work being done here is remarkable ...’
enCore® Combination Allograft – the first allograft particulate bone grafting product combining mineralized and demineralized bone in a single bottle. Already a popular combination among many specialists, enCore® leverages the complementary benefits of space-maintaining mineralized bone with osteoinductive demineralized matrix to optimize the environment for the regeneration of vital bone. *Patent pending.

Representative histology taken at 6 months from a case using combination allograft.

Histology by Michael Rahme, DDS, MS, University of Minnesota

86% vital bone, 14% residual graft
51% bone, 49% marrow
Success of Atlantis from Astra Tech continues in 2012

Available for all major implant systems, Atlantis™ remains a market-leading CAD/CAM abutment solution in North America, with steadily increasing numbers of dental laboratories and dentists choosing Atlantis abutments for their patient-specific, dental implant restorative needs, the company said.

“The continued growth of Atlantis is, in part, due to our commitment to listening and responding to the feedback and needs of our customers,” says Craig Rodriguez, vice president of marketing, Astra Tech Inc. (North America). “We go through a rigorous development process that ensures innovation without compromise to reliability and predictable results. These solutions all positively contribute to our customers’ process efficiency and profitability.”

Atlantis lab-based scanning and Atlantis Abutment core file are examples of services that leverage technology for a more efficient workflow. A steady stream of new product and service options will be introduced throughout 2012, further reinforcing Astra Tech Dental’s position within the area of digital dentistry.

**Atlantis scanning for 3Shape**

First announced in 2011, Astra Tech’s strategic alliance with 3Shape A/S, the Danish-based provider of 3-D scanners and CAD/CAM software solutions, continues with the development of Atlantis lab-based scanning for 3Shape scanners. Atlantis lab-based scanning allows for the dental models to be kept at the laboratory and provides advantages for the dental laboratory such as reduced time to delivery and reduced cost in handling and transportation.

The software interface enabling the 3Shape dental scanners to communicate with the Atlantis VAD™ (Virtual Abutment Design) software is now in the premarket test phase.

One of the first participants of the premarket testing is Chris May, owner of May Dental Arts (Fenton, Mo.).

“The overall experience using the 3Shape scanner to send files to Astra Tech for the production of Atlantis abutments has been great,” May said. “This digital workflow has helped my laboratory to shave off almost two days of our production time. And because our laboratory often restores cases with multiple disciplines (veneers/crowns and implant combinations), lab-based scanning allows us the flexibility to continue working on these cases while the abutments are being milled. Not having to physically send out our case models makes the overall process feel even more integrated. In fact, it feels as if Atlantis production is located right in our own laboratory,” he added.

**Atlantis Abutment Core File**

Astra Tech will offer Atlantis Abutment Core File to users of the design software 3Shape DentalDesigner. Atlantis Abutment Core File is a high-precision digital file of an Atlantis abutment that represents the outer surface of the manufactured Atlantis abutment and includes all corresponding scanned data. The Atlantis Abutment Core File can be used for designing a coping in the 3Shape Dental Designer software before receipt of the final abutment, thus replacing the need to scan the abutment. The service contributes to a shorter turnaround time for the production of the final restoration.

Atlantis and Atlantis VAD are trademarks of Astra Tech. All other trademarks are the property of their respective owners.

**Atlantis patient-specific abutments**

Atlantis patient-specific abutments are designed and fabricated using Atlantis VAD (Virtual Abutment Design) software, a patented process that combines state-of-the-art 3-D optical scanning, advanced software and manufacturing methods to deliver patient-specific abutments that eliminates the need for hand modification.

Atlantis patient-specific abutments are available for all major implant systems and in biocompatible materials such as titanium, gold-shaded titanium and different shades of zirconia, including a translucent zirconia in white for the Atlantis Crown Abutment.
ICOI Spring Symposium

TORONTO 2012

EMERGING TECHNIQUES IN IMPLANT DENTISTRY

APRIL 27-29, 2012 ♦ SHERATON CENTRE

- When Do We Use Digital Imaging to Enhance Implant Therapy?
- What a Restorative Dentist Should Know About Implant Surgery
- What a Surgeon Should Know About Implant Prosthetics
- Emerging Surgical Techniques to Enhance Treatment Outcomes
- Emerging Prosthetic Techniques/Procedures to Augment Implant Outcomes

TOPICS

SPEAKERS

Dr. Murray Arlin
Dr. Scott Ganz
Dr. Barry Goldenberg
Dr. Ken Hebel
Dr. Joseph Kan
Dr. E. Dwayne Karateew
Dr. Bach Le
Dr. Jaime Lozada
Dr. George ManDELARIS
Dr. Carl Misch
Dr. Richard Nejat
Dr. Blake Nicolucci
Dr. Michael Pikos
Dr. Yvan Poitras
Dr. Avi Schetritt
Dr. Stephen Wallace
Dr. Natalie Wong

17 CEU CREDITS

Sponsored by: Nobel Biocare

1½ DAY
AUXILIARY PROGRAM
Total Team Training

WWW.ICOITORONTO2012.COM
BIOMET 3i, Sirona collaborate on digital solutions

BIOMET 3i announced recently that the company entered into a new collaboration with Sirona Dental Systems. The collaboration will allow utilization of BIOMET 3i’s patented BellaTek™ Encode® Impression System with Sirona’s CEREC Intraoral Scanner to create intraoral impressions for custom abutments. The combined use of these technologies will provide the clinician with simplified esthetic restoration solutions. Utilizing these combined technologies, clinicians will now be able to take a digital impression of a healing abutment with the use of an intraoral device that will scan embedded codes on the occlusal surface of the abutment, the surrounding soft tissue and adjacent dentition. These codes provide the necessary information to design and mill the definitive abutment.

Greater patient satisfaction may also occur as intraoral scanning eliminates the need for impression-taking material; some patients find this is a more comfortable experience. Patients should also recognize a time savings as the process is shorter than the typical procedure. “We are pleased to offer the latest digital solutions, which will lead to esthetic outcomes for patients,” said Maggie Anderson, president of BIOMET 3i. “This new step forward in impression making offers a win-win experience for clinicians, laboratories and patients.”

“We are excited about collaborating with BIOMET 3i,” said Roddy MacLeod, Sirona, vice president, CAD/CAM. “It provides dentists with the opportunity to take an innovative step in digitizing implant treatment by using the BellaTek Encode Impression System with CEREC Connect.”

About BIOMET 3i
BIOMET 3i is a leading manufacturer of dental implants, abutments and related products. Since its inception in 1987, BIOMET 3i has been on the forefront in developing, manufacturing and distributing oral reconstructive products, including dental implant components and bone and tissue regenerative materials. BIOMET 3i also provides educational programs and seminars for dental professionals around the world. BIOMET 3i is based in Palm Beach Gardens, Fla., with operations throughout North America, Latin America, Europe and Asia-Pacific. For more information about BIOMET 3i, visit www.biomet3i.com or contact the company at (800) 342-5454; outside the United States, dial (561) 776-6700.

About Sirona Dental Systems
Sirona, a dental technology leader, has served dealers and dentists worldwide for more than 130 years. Sirona develops, manufactures and markets a complete line of dental products, including CAD/CAM restoration systems (CEREC), digital intraoral scanners, panoramic and 3-D imaging systems, dental treatment centers and handpieces. Visit www.sirona.com for more information about Sirona and its products.
Vitala™ – the latest development in GTR membranes – is a natural, porcine-derived collagen membrane. It features the advanced handling characteristics of a soft, supple, exceptionally flexible and adaptable membrane with superior tensile strength.

Vitala™ is biologically cross-linked, eliminating the need for cross-linking chemicals and agents.

Natural, Adaptable & Durable
SOFT TISSUE MANAGEMENT & GRAFTING AROUND DENTAL IMPLANTS
1-Day Lecture & Hands-On Workshop
March 28, 2012
May 29, 2012
Tuition: $995

BONE, RIDGE & SOCKET GRAFTING
2-Day Lecture - Hands-On & Live Surgery
March 29 - 30, 2012
May 30 - 31, 2012
Tuition: $1995

SINUS ELEVATION & GRAFTING
1-Day Lecture & Hands-On Workshop
March 31, 2012
June 1, 2012
Tuition: $1195

4-DAY TUITION: $4,185
4-DAY glIDE MEMBER PRICE: $3,975

“I have taken 100 hrs of CE in the last year alone. I have to say the 4 hands-on courses I took at glIDE were the best investment to date. The glIDE Institute and Dr. Jovanovic provide the most cutting-edge, relevant information you will find out there. Worth every penny.” - Dr. Joseph C. Weber, GP - Santa Barbara, CA

Register at glIDEdental.com. Contact info@glIDEdental.com or Call +1 310 696 9025
Steve Martin and Martin Short to entertain at CEREC celebration

Sirona Dental Systems, a company that pioneered digital dentistry more than 25 years ago and is a leading producer of dental CAD/CAM systems, recently signed two entertainment legends to appear on stage during its upcoming CEREC 27 and a half Anniversary Celebration.

Attendees of the three-day CAD/CAM extravaganza coming to The Venetian-Resort Hotel Casino in Las Vegas from Aug. 16-18 will receive a double whammy of laughs when comedy icons Steve Martin and Martin Short perform their unique live show, "A Very Stupid Conversation."

According to Sirona Dental Systems, LLC President Michael Augins, "Whenever we plan a CEREC anniversary event, we raise the bar a bit higher. This includes everything from our C.E. lecture program to our exhibit hall to our entertainment. We're very excited to have Steve Martin and Martin Short appear together during the CEREC 27 and a half Anniversary Celebration."

"A Very Stupid Conversation" is a two-man show performed by two close friends who enjoy poking fun at each other. The format is an intimate and outrageous blend of interviews, one-liners, singing, banjo playing and film clips. The hour-and-a-half performance will take place on Friday evening, Aug. 17.

In addition to entertainment, CEREC 27 and a half will provide up to 18 C.E. credits across a comprehensive spectrum of digital dentistry topics and tracks, and feature an exhibit hall showcasing top dental companies, products and services.

The CEREC 27 and a half Anniversary Celebration will also commemorate the 20th anniversary of Schick Digital Radiography, the 10th anniversary of Sirona’s inLab® Dental Lab CAD/CAM System, and the fifth anniversary of the GALILEOS® Digital Imaging System.

As usual, Sirona plans to showcase a "who's who" of digital dentistry during CEREC 27 and a half. The following are just a few of the lecturers participating:

- Frank Spear, DDS, MSD
- Gordon Christensen, DDS, MSD, PhD
- Paul Horowitz, DDS, CSP
- James Klim, DDS, FAGD, FADFE, PC
- Fred Joyal
- Mike Ditolla, DDS, FAGD
- Howard Farran, DDS, MBA, MAGD

Although August may seem far out on the horizon, space is limited and dental and dental lab professionals are encouraged to visit www.CEREC27andahalf.com, or call toll-free (855) 237-3248 for additional information.

About Sirona Dental Systems

Sirona, a dental technology leader, has served dealers and dentists worldwide for more than 130 years. Sirona develops, manufactures, and markets a complete line of dental products, including CAD/CAM restoration systems (CEREC); digital intraoral, panoramic, and 3D imaging systems; dental treatment centers; and handpieces. Visit www.sirona.com for more information about Sirona and its products.
Zimmer Dental launches ‘revolutionary’ Trabecular Metal Dental Implant

Zimmer Dental Inc., a leading provider of dental oral rehabilitation products and a subsidiary of Zimmer Holdings, Inc., announces the availability of the Zimmer® Trabecular Metal™ Dental Implant in the United States and select global markets. The Trabecular Metal Dental Implant adds dimension to implant dentistry and is “The Best Thing Next to Bone®,” the company says.

The Trabecular Metal Dental Implant features an osteoconductive mid-section that is structurally and biomechanically similar to cancellous bone. Portions of the implant also utilize Zimmer Dental’s MTX™ microtextured surface, which has been documented to achieve high levels of bone-to-implant contact, or ingrowth, the company says.

Human studies of the Trabecular Metal Dental Implant began in 2010. In a study of Trabecular Metal Dental Implants in canine mandibular models, evidence of ingrowth by maturing bone was documented as early as two weeks after implantation. Further data is being collected to document clinical results in human dental applications.

Manufactured at Zimmer’s TMT facility in Parsippany, N.J., and used in Zimmer’s cutting-edge orthopaedic devices for more than a decade, Trabecular Metal Material is a three-dimensional, highly biocompatible material — not an implant surface or coating — with up to 80 percent porosity and a structure and function comparable to cancellous bone. Made from tantalum, element No. 73 in the periodic table, Trabecular Metal material is fabricated utilizing a proprietary vapor deposition process.

Combining the popular features of the Tapered Screw-Vent® Implant (including Platform Plus™ Technology and crestal options) with the unique properties of Trabecular Metal Material, the Trabecular Metal Dental Implant is compatible with the Tapered Screw-Vent Surgical Kit and prosthetics for easy incorporation into treatment plans.

For decades, Zimmer Dental has gained the trust of thousands of clinicians worldwide who count on its comprehensive line of products to deliver successful patient outcomes. By looking to new and innovative technologies and leveraging its relationship with its parent company, Zimmer Holdings, Zimmer Dental continues to reinforce its commitment to offering state-of-the-art dental solutions to clinicians.

Contact a Zimmer Dental sales consultant or customer service at (800) 854-709 or (760) 929-4300, or visit www.TrabecularMetal.ZimmerDental.com for more information.
ELIMINATE INTERLOCKING WITH NEW QUICK UP METHOD

- Virtually eliminate the risk of interlocking with new Quick Up method: Work without vent holes and excess material removal; under fill with 2 min. fast setting self-cured material and finish with light-cured component
- 50% faster than classic method
- Complete system with checking and block out silicone – Fit Test
- Direct pick up results are more accurate compared to indirect method
- Low heat, self-curing material avoids tissue irritations
- Tasteless and odorless
- High bond strength to acrylic denture base

Quick Up
Implant Pick Up System

Call 1-888-658-2584
I am the Zimmer® Trabecular Metal™ Dental Implant, the first dental implant to offer a mid-section with up to 80% porosity—and the ability to mimic size, shape and structure of cancellous bone. I harness the tried-and-true technology of Trabecular Metal Material, used by Zimmer Orthopedics for over a decade.... and I am Zimmer.

Visit TrabecularMetal.zimmerdental.com to view product animations and request a Trabecular Metal Technology demo.