

# IMPLANT TRIBUNE

The World's Dental Implant Newspaper · U.S. Edition

JANUARY 2010

www.implant-tribune.com

VOL. 5, No. 1

## Waasdorp awarded fellowship

BIOMET 3i is pleased to announce that the American Academy of Periodontology Foundation (AAPF) awarded the 2009 Richard J. Lazzara Fellowship in Advanced Implant Surgery to Dr. Jonathan Waasdorp.



Dr. Jonathan Waasdorp

The Richard J. Lazzara Fellowship in Advanced Implant Surgery is a 12-month award intended to provide educational and clinical experiences that reflect the most current techniques in implant dentistry. The hosting institution must provide the fellow with clinical learning experiences in the surgical management of advanced implant cases. These learning experiences include implant site development and oral plastic surgery procedures aimed at restoration, clinical research leading to the development of an implant-related research paper suitable for publication and teaching experiences.

In addition, the current fellow is invited for two visits to BIOMET 3i, at both the beginning and conclu-

→ IT page 2B

## Facing the facts

*The differences between dental CBCT and medical CT scans*

By Dr. Bruce Howerton

Before a practitioner performs surgery, he or she should be equipped with up-to-date knowledge regarding the possible conditions located under soft tissue within the oral cavity.

Three-dimensional data generated by cone-beam computed tomography (CBCT) technology offers a "surgical view" or slices of the entire field of view from the front, side and under the patient. Cone-beam scans assist with determining bone structure, tooth orientation, nerve canals and pathology; in some cases it may preclude the necessity for a surgical procedure.

In the past few weeks, various media sources have published articles regarding high exposure of radiation from medical CT scans. Unfortunately, these have generated misconceptions about the dental CBCT, or 3-D cone-beam computed tomography scans.

The dental CBCT imaging method allows dentists to obtain vital three-dimensional information without exposing patients to high levels of radiation that come from medical CT scans. An in-office imaging method is more convenient; it saves the patient travel time to and from the hospital and for follow-up examinations after treatment.

Dentists and other medical professionals ascribe to the ALARA (as

### Effective Dose Comparison

	2D FMX (Full Mouth Series)	2D Digital Pan	Medical CT	i-CAT CBCT 3D
Radiation Dose (µSv)	150*	4.7-14.9*	1200-3300**	36†

\* Dr. Sharon Brooks, Department of Radiology, University of MI

\*\* Dr. Stuart White, Department of Radiology, UCLA - scanned area approximates MFOV

† Standard scan mode, medium resolution

low as reasonably achievable) protocol concerning radiation levels. This protocol guides practitioners to expose patients to the least amount of radiation possible while still gaining the most pertinent information for proper diagnosis.

For example, for dentists placing implants, having this information beforehand is imperative to determining anatomical variations that can affect the procedure's success or failure.

The differences between dental and hospital scans derive, in part, from the method of capturing the information. The average medical CT scan of the oral and maxillofacial area can reach levels of 1,200-3,300 microsieverts, the measurement of radiation absorbed by the body's tissue. These significant levels are attributed to the method of exposing tissues to radiation. With the hospital scan, the anatomy is exposed in small fan-shaped or flat slices, as the

machine makes multiple revolutions around the patient's head.

To collect adequate formation, there is overlapping of radiation. In contrast, the dental scan captures all the anatomy in one single cone-shaped beam rotation, decreasing the exposure to the patient of up to 10 times less radiation.

For example, radiation exposure using the standard full field of view from an i-CAT® CBCT machine (Imaging Sciences International) is 36 microsieverts. These machines are also available in different fields of view, thereby reducing radiation exposure even more, depending upon the needs of the patient.

For other comparisons of exposure, consider that a typical 2-D full mouth series runs 150 microsieverts while a 2-D digital panoramic image ranges between 4.7-14.9 microsieverts.

→ IT page 4B

AD

**DentalCollab** BETA  
FIRST MONTH FREE  
CODE: ITDC09

CREATE,  
SHARE,  
COLLABORATE.

Connect your treatment workspaces with dental professionals invited to join your private network from around the globe.

www.DentalCollab.com

AD

**AUXILIARIES:**  
Are you implant certified?

Patient Questions... Insurance Coverage... Tracking...  
Operatory Set Up... Radiographic Protocol...  
Assessment Parameters... Hygiene Instrumentation...  
Communications with the Lab...

Implant Training Makes all the Difference!

Dental Hygiene Implant Certification Program® (DHICP) • Practice Management Implant Certification Program® (PMICP)  
Dental Assisting Implant Certification Program® (DAICP) • Implant Coordinator Training Programs

The ADIA presents these comprehensive courses at many venues throughout the year.

ADIA ICOTI

To find out more about these exciting programs and about membership in the ADIA visit our website:  
www.adiaonline.org

← IT page 1B

sion of the fellowship; to become familiar with the company's facilities and employees, to provide feedback on products and to debrief on the experience as a Lazzara Fellow.

This \$50,000 fellowship is funded by BIOMET 3i. According to Waasdorp, currently in training at the University of Maryland: "It is an honor to receive the award. The fellowship will facilitate advanced training in all aspects of implantol-

ogy while affording me the opportunity to perform clinical research and further develop my skills as an educator."

For more information about the AAPF's Lazzara Fellowship in Advanced Implant Surgery, visit the AAPF Web site at [www.perio.org/foundation/foundation.html](http://www.perio.org/foundation/foundation.html). IT

(Source: BIOMET 3i)

AD

**Dental Collab** BETA  
 FINALLY A SOLUTION FOR MENTORING WITH EXPERTS & PEERS.  
[WWW.DENTALCOLLAB.COM](http://WWW.DENTALCOLLAB.COM)  
 FIRST MONTH FREE  
 CODE: ITDC09

**IT 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 report the details to Managing Editor Sierra Rendon at [s.rendon@dental-tribune.com](mailto:s.rendon@dental-tribune.com).

**Nobel Biocare™**

**NobelActive™**

Taking a new direction in implants.

- Dual-function prosthetic connection.
- Bone-condensing property.
- Adjustable implant orientation for optimal final placement.
- Built-in platform shifting.
- High initial stability, even in compromised bone situations.

10 YEARS WITH TIUNITE® SURFACE  
 New data confirm long-term stability.

NobelActive equally satisfies surgical and restorative clinical goals. NobelActive thread design progressively condenses bone with each turn during insertion, which is designed to enhance initial stability. The sharp apex and cutting blades allow surgical clinicians to adjust implant orientation for optimal positioning of the prosthetic connection. Restorative clinicians benefit by a versatile and secure internal conical prosthetic connection with built-in platform shifting upon which they can produce excellent esthetic results. Based on customer feedback and market demands for NobelActive, the product assortment has been expanded – dental professionals will now enjoy even greater flexibility in prosthetic and implant selection. Nobel Biocare is the world leader in innovative and evidence-based dental solutions. For more information, contact a Nobel Biocare representative at 800 322 5001 or visit our website. [www.nobelbiocare.com](http://www.nobelbiocare.com)

**Nobel Biocare USA, LLC.** 22715 Savi Ranch Parkway, Yorba Linda, CA 92887; Phone 714 282 4800; Toll free 800 993 8100; Tech. support 888 725 7100; Fax 714 282 9023  
**Nobel Biocare Canada, Inc.** 9133 Leslie Street, Unit 100, Richmond Hill, ON L4B 4N1; Phone 905 762 3500; Toll free 800 939 9394; Fax 800 900 4243  
 Disclaimer: Some products may not be regulatory cleared/released for sale in all markets. Please contact the local Nobel Biocare sales office for current product assortment and availability.

**IMPLANT TRIBUNE**  
 The World's Newspaper of Implantology · U.S. Edition

**Publisher & Chairman**  
 Torsten Oemus  
[t.oemus@dental-tribune.com](mailto:t.oemus@dental-tribune.com)

**Vice President Global Sales**  
 Peter Witteczek  
[p.witteczek@dental-tribune.com](mailto:p.witteczek@dental-tribune.com)

**Chief Operating Officer**  
 Eric Seid  
[e.seid@dental-tribune.com](mailto:e.seid@dental-tribune.com)

**Group Editor & Designer**  
 Robin Goodman  
[r.goodman@dental-tribune.com](mailto:r.goodman@dental-tribune.com)

**Editor in Chief**  
 Sascha A. Jovanovic, DDS, MS  
[sascha@jovanoviconline.com](mailto:sascha@jovanoviconline.com)

**Managing Editor/Designer Implant & Endo Tribunes**  
 Sierra Rendon  
[s.rendon@dental-tribune.com](mailto:s.rendon@dental-tribune.com)

**Managing Editor/Designer Ortho Tribune & Show Dailies**  
 Kristine Colker  
[k.colker@dental-tribune.com](mailto:k.colker@dental-tribune.com)

**Online Editor**  
 Fred Michmershuizen  
[f.michmershuizen@dental-tribune.com](mailto:f.michmershuizen@dental-tribune.com)

**Account Manager**  
 Humberto Estrada  
[h.estrada@dental-tribune.com](mailto:h.estrada@dental-tribune.com)

**Marketing Manager**  
 Anna Wlodarczyk  
[a.wlodarczyk@dental-tribune.com](mailto:a.wlodarczyk@dental-tribune.com)

**Marketing & Sales Assistant**  
 Lorrie Young  
[l.young@dental-tribune.com](mailto:l.young@dental-tribune.com)

**C.E. Manager**  
 Julia Wehkamp  
[j.wehkamp@dental-tribune.com](mailto:j.wehkamp@dental-tribune.com)

Dental Tribune America, LLC  
 213 West 35th Street, Suite 801  
 New York, NY 10001  
 Phone: (212) 244-7181, Fax: (212) 244-7185

**BPA**  
 WORLDWIDE™  
 BUSINESS

Published by  
 Dental Tribune America

© 2010, Dental Tribune America, LLC. All rights reserved.

Dental Tribune makes every effort to report clinical information and manufacturer's product news accurately, but cannot assume responsibility for the validity of product claims, or for typographical errors. The publishers also do not assume responsibility for product names or claims, or statements made by advertisers. Opinions expressed by authors are their own and may not reflect those of Dental Tribune International.

**Editorial Advisory Board**

**Dr. Sascha Jovanovic, Editor in Chief**

Dr. Bernard Touati  
 Dr. Jack T. Krauser  
 Dr. Andre Saadoun  
 Dr. Gary Henkel  
 Dr. Doug Deporter  
 Dr. Michael Norton  
 Dr. Ken Serota  
 Dr. Axel Zoellner  
 Dr. Glen Liddelow  
 Dr. Marius Steigmann





# Osteo<sup>®</sup>cel

## The Future Is Now.

For more information  
or to place an order call **800.441.3100**



Before: exposed implant



Osteo<sup>®</sup>cel bone graft in place prior to mesh fixation



4 months: After mesh removal

Ridge Augmentation clinical case.

### A Bone Matrix Product Containing Stem Cells.

#### The Properties of Autograft without Associated Risks

The proprietary processing technology that produces Osteo<sup>®</sup>cel results in a viable bone matrix product that preserves the native stem cells found in marrow rich bone. It is the only product available today that has the desired beneficial properties of autograft - osteoconduction, osteoinduction and osteogenesis - and that allows surgeons to provide their patients with optimal bone growth conditions without the added risk and cost of a secondary procedure.

#### Low Immunogenicity

Mesenchymal stem cells are IMMUNE-PRIVILEGED cells that do not stimulate a cellular immune response. Osteo<sup>®</sup>cel does not activate T cell proliferation, as shown *in vitro* from Mixed Lymphocyte Reaction (MLR) testing.

#### Histologic Evidence

Positive clinical use of Osteo<sup>®</sup>cel since 2005 demonstrates bone-forming ability. Histology from a human sinus augmentation study using Osteo<sup>®</sup>cel shows substantial vital bone content at 16 weeks, with very low residual graft material.<sup>1</sup>

#### Bone Formation

Stem cells contained in Osteo<sup>®</sup>cel are capable of differentiating into bone cells. Every lot of Osteo<sup>®</sup>cel is tested for bone forming potential.

#### Viable Cell Content

The osteogenic potential arises from the stem cells in Osteo<sup>®</sup>cel. Following processing of marrow-rich bone, release testing demonstrates osteogenic potential according to the following criteria:

- Rich supply of stem cells: Greater than 50,000 cells/cc
- Viability: Greater than 70% cell viability
- Positive osteogenesis: *In vitro* cell culture assay

<sup>1</sup> Histologic Evaluation of a Stem Cell Based Sinus Augmentation Procedure: A Case Series. — McAllister, Haghighat, Ganshor. — Journal of Perio., April 2009

**www.acesurgical.com**

ACE Surgical Supply Company, Inc. • 1034 Pearl Street, Brockton, MA 02301

## An Evening Lecture Series

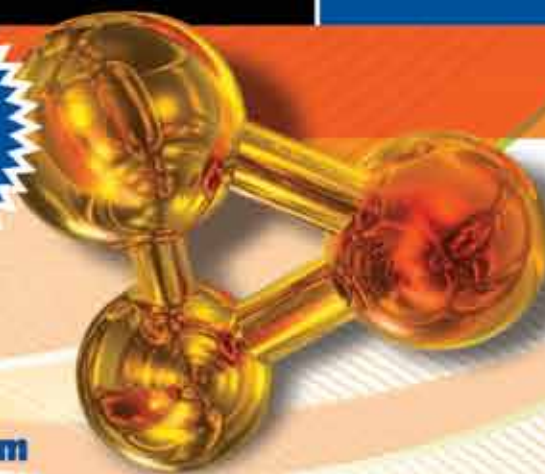
**January 14th** • New York City  
**January 27th** • Palo Alto, CA  
**February 4th** • Iselin, NJ  
**February 11th** • Cleveland, OH  
**March 1st** • Fort Lauderdale, FL  
**March 3rd** • Tampa, FL  
**March 4th** • Orlando, FL

**March 11th** • Atlanta, GA  
**March 23rd** • Chicago, IL  
**March 25th** • Washington, DC  
**April 1st** • Boston, MA

To register, please call  
**800.441.3100**

For more details, please visit  
**www.acesurgical.com**

**Limited Availability\***  
Reserve your space today.





## Register now for the AO

Online registration for the Academy of Osseointegration's 2010 annual meeting, "The Formula for Predictable Implant Success," is available on the new and expanded meeting section of the academy's Web site at [www.osseo.org/events/meetings/index.html](http://www.osseo.org/events/meetings/index.html).

This site is full of interactive meeting information where you can view the session descriptions and speakers along with their abstracts to help assist you in selecting the many options available while in Orlando.

To further explain this year's meeting, check out the new meeting

video, which is available at the link above.

New at this year's AO annual meeting is a full-day workshop, "Computer-Guided Implant Therapy: A Hands-On Workshop in 3-D Digital Implant Dentistry," offered Wednesday, March 3 and presented concurrently by six leading companies. Space is limited, so please register early.

Discounted pre-registration rates continue through Feb. 8 for the meeting, which will take place March 4-6 at the Walt Disney World Dolphin Resort in Orlando. **IT**

← **IT** page 1B

Researchers who have developed this technology have achieved the goal of allowing dentists to achieve the same information gained from a medical CT, without the additional radiation exposure.

Dentists who do not own their own CBCT machines can take advantage of this imaging method by referring patients to imaging centers to acquire this valuable information.

The knowledge obtained from capturing 3-D scans has the ability to influence the effectiveness and efficiency of dental treatment.

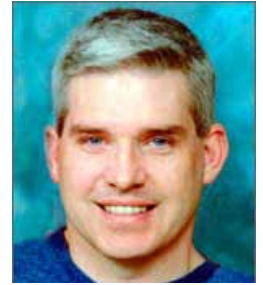
A dental CBCT scan offers the views and detail needed to perform the latest procedures, while avoiding the unnecessary higher levels of radiation emitted from hospital scans. As the technology continues to evolve, the possibilities for improved dental care can only increase.

Increased software compatibility with surgical guides and orthodontic applications has made CBCT scanners an imperative for some dental offices.

As an oral maxillofacial radiologist and an educator, I firmly believe that with knowledge comes responsibility to provide patients with the best dental care in the safest way possible — a dental CBCT accomplishes this goal without the addi-

tional risks involved with hospital scans. **IT**

### **IT** About the author



Dr. Bruce Howerton is a board-certified oral and maxillofacial radiologist who practices privately in Raleigh, N.C. He received a DDS degree from the West Virginia University School of Dentistry in 1985. He completed a certificate in endodontics in 1987 from the University of North Carolina School of Dentistry and practiced surgical and non-surgical endodontics in Asheville, N.C. for eight years. In 1999, he entered the UNC Oral and Maxillofacial Radiology graduate program and completed the master of science program. Howerton became a diplomate of the American Academy of Oral and Maxillofacial Radiology in 2005. For more information, see [www.carolinaomfimaging.com](http://www.carolinaomfimaging.com).

AD

**Dental Collab** BETA  
 FINALLY A SOLUTION TO  
**CREATE, SHARE & COLLABORATE.**  
[WWW.DENTALCOLLAB.COM](http://WWW.DENTALCOLLAB.COM)  
 FIRST MONTH FREE  
 CODE: ITDC09  
 IT'S NEW

# Live Surgery and Hands-on Clinic

## Course 1: Implant & Periodontal Plastic Surgery in Esthetic Zone

Sept. 23-24, 2010 and Sept. 22-23, 2011

## Course 2: Bone Regeneration for Ideal Implant Placement

April 1-2, 2010 and April 14-15, 2011

For more information go to:  
[www.sonickseminars.com](http://www.sonickseminars.com)

*"Taking a course with Michael will expand your knowledge and understanding of implants — he will leave you yearning to attend the next course."*

Dr. Stephen Chu,  
 • Private Practice of Prosthodontics, New York, NY  
 • Director, Advanced and International CDE Programs in Aesthetic Dentistry,  
 NYU School of Dentistry

*"Dr. Sonick is a master clinician and an outstanding teacher. Interacting with Mike at his teaching facility is a treat and experience not to be missed. His programs are enlightening and will inspire you to become a better dentist."*

Dr. Maurice Salama  
 • Founder, Dental XP  
 • Private Practice of Orthodontics & Periodontics, Atlanta, GA "Team Atlanta"  
 • Clinical Assistant Professor of Periodontics, University of Pennsylvania  
 • Clinical Assistant Professor of Periodontics, Medical College of Georgia  
 • Visiting Professor of Periodontics at Nova Southeastern University in Florida

**The Sonick Seminars Teaching Center**  
 Voice: 203.254.2006  
 email: [carole@sonickdmd.com](mailto:carole@sonickdmd.com)



# The Experts Agree **Picasso** is #1

7 Watts *for Only* **\$4,995**

2.5 Watts *for Only* **\$2,495**



Indications for use include soft tissue surgery, endodontic and periodonic treatments, and tooth whitening.

**Features:**

- 7 Watts of power
- Pulse/continuous modes
- 8 Customizable presets
- Color touchscreen
- Adjustable aiming beam
- Multiple language menu
- 3-year warranty
- Training DVD



**A Limited Edition (LE) Picasso Lite is available in pink.**

AMD LASERS proudly announces that we are "giving for a cause" in the fight against breast cancer. Through June of 2010, we have pledged to donate \$15,000 to the National Breast Cancer Foundation.



Indications for use include soft tissue surgery, endodontic and periodonic treatments.

**Features:**

- 2.5 Watts of power
- Pulse/continuous modes
- 3 Customizable presets
- Adjustable aiming beam
- 2-year warranty
- Training DVD



**Ross Nash, DDS**  
Nash Institute  
Charlotte, NC



**Glenn van As, DMD**  
International Lecturer  
N. Vancouver, Canada



**Ron Kaminer, DDS**  
International Lecturer  
Master of Laser Dentistry  
Hewlett, NY



**Larry Rosenthal, DDS**  
Director, Aesthetic Advantage  
New York, NY



**Arun K. Garg, DMD**  
International Lecturer  
Aventura, FL



**James Jesse, DDS**  
International Lecturer  
Master of Laser Dentistry  
Calton, CA



**Jim Dunn, DDS**  
Associate Professor of  
Restorative Dentistry  
Loma Linda University  
Loma Linda, CA



**George Freedman, DDS**  
International Lecturer, Author  
Toronto, Canada



**Rodrick Loud, DDS**  
Private Practitioner  
Shreveport, LA



**Fay Goldstep, DMD**  
International Lecturer  
Toronto, Canada



7405 Westfield Blvd  
Indianapolis, IN 46240 USA  
www.amdlasers.com

Tel: (866) 999-2635  
Tel: +1 (317) 202-9530  
Fax: +1 (678) 868-4108





# Sirona launches 'InEos Blue' scanner

*Fast, precise and flexible product joins the inLab line*

Sirona Dental Systems, the company that pioneered digital dentistry more than 25 years ago and one of the world's leading producers of dental CAD/CAM systems, recently announced the launch of the inEos<sup>®</sup> Blue desktop scanner, an advanced 3-D scanner that allows dental technicians to quickly, precisely and

easily scan dental models.

inEos Blue is built on Sirona's innovative blue light-emitting diode (LED), a.k.a. Bluecam technology, which is superior in many ways. Bluecam technology utilizes short-wavelength visible blue light to facilitate flexible recording options, resulting in substantially faster scanning and highly-precise 3-D digital models.

inEos Blue provides dental technicians more control to determine what they want to record, allowing the design process of 3-D digital models to be performed with

unprecedented precision and speed.

With the inEos Blue, the technician can now utilize an automatic image capture function (auto capture) that allows free movement of the model in any direction, providing complete control of the angle of the scan.

Thus, the user takes a digital impression only of the required treatment area with interactive control and increased flexibility.

The inEos Blue scanner will be available in February, along with a dedicated computer and inLab 3-D software.

The scanner can be utilized as a standalone unit or in combination with the inLab<sup>®</sup> milling unit for complete in-house production.

In addition, inEos Blue can save and export scanning data in STL format, thereby allowing the data to be processed using third-party software.

"Our goal for inEos Blue was to create a scanner that provides superior optical precision, reliability and speed, while providing the technician full control of the scanning process," said Bart Doedens, vice president dental CAD/CAM systems. "Through our innovative



*The inEos Blue desktop scanner allows for quick, precise scanning.*

Bluecam technology, we are now able to bring the best digital dental scanning capabilities to our valued laboratory clients."

For more information on inEos Blue, and on all Sirona Dental Systems' inLab services, please call (800) 875-7685, contact your local Patterson Dental representative or log onto [www.Sirona.com](http://www.Sirona.com). ■

AD

**Dental Collab** BETA  
FINALLY A SOLUTION TO  
**CREATE, SHARE & COLLABORATE.**  
[WWW.DENTALCOLLAB.COM](http://WWW.DENTALCOLLAB.COM)

FIRST MONTH FREE  
CODE: ITDC09

IT'S NEW

## MEISINGER Bone Management<sup>®</sup>

### Transfer-Control

Bone Replacing System, developed with Dr. Dr. Streckbein, Dr. Hassenpflug

This Bone Replacing System, suitable for use with all current dental implant systems, permits precise and standardized transplantation of autogenous bone cylinders. Different types of bone burs are available according to three groups of diameters. Within each group the instruments are adapted to each other so that the outer diameter of the ablative bur or the diameter of the wheel cutter correlates with the inner diameter of the trephine. A press fit is often produced between the cylindrical bone autograft and the prepared recipient site. The bone cylinder can then be strengthened with a fixation screw (sold separately).



MEISINGER  
GERMANY / USA

### Split-Control Plus

Combined Bone Spreading and Condensing System

Split-Control + Crest-Control



Meisinger

MEISINGER USA, L.L.C.

7442 South Tucson Way • Suite 130  
Centennial • Colorado 80112 • USA  
Tel.: +1 (303) 268-5400  
Fax: +1 (303) 268-5407  
E-Mail: [info@meisingerusa.com](mailto:info@meisingerusa.com)  
[www.meisingerusa.com](http://www.meisingerusa.com)  
[www.bone-management.com](http://www.bone-management.com)  
[www.occlusalrouter.com](http://www.occlusalrouter.com)



# LEGACY SIMPLY SMARTER

- Tapered, self-tapping with micro-threads
- Compatible with Zimmer's Screw-Vent implant
- Color coded hex/bevel conical connection
- Platform switching interface (excluding 5.7mmD)
- More diameter options including 3.2mmD & 5.2mmD
- All-in-One Packaging for added value.

27030 Malibu Hills Road,  
Calabasas Hills, CA 91301  
Phone: 1-818-444-3333  
[www.implantdirect.com](http://www.implantdirect.com)

## Three Implant Designs and Packaging Options Original Conical Connection (GNiznick US Pat.#4,960,381) Selection As Simple as 1-2-3

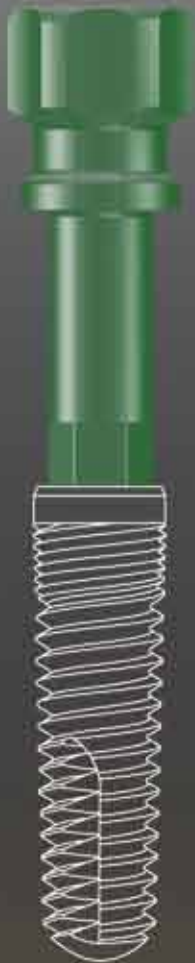
Select Implant based on Price, Packaging and Thread Design

Legacy1: \$125 includes Healing Collar

Legacy2: \$150 includes Healing Collar & Transfer

Legacy3: \$175 includes Healing Collar, Transfer & Abutment

**Legacy1**  
"V" Threads  
3 Diameter Options  
Plastic Carrier



**Legacy2**  
Spiral Threads  
4 Diameter Options  
Ti. Transfer Carrier



**Legacy3**  
Buttress Threads  
6 Diameter Options  
Ti. Abutment Carrier



**Legacy™3's All-in-1 Packaging**  
INCLUDES: Cover Screw, Healing Collar,  
Transfer & Straight Preparable Abutment  
Surgically and Prosthetically Compatible  
with Zimmer's Tapered Screw-Vent®  
Legacy3 USA price = \$175  
\*Tapered Screw-Vent USA price = \$563

\* Includes similar components provided with Legacy3 implant



Prosthetic compatibility with Screw-Vent, BioHorizons® and MIS Implants



Compare US List Price	Straight Contoured	HLA Abutment	15° Angled Contoured	Straight Snap-On	Gold/Plastic	Titanium Temporary Abutment	Plastic Temporary Abutment	Ball Attachment	Locator Abutment	Multiple-Unit w / Cap & Transfer	Multiple-Unit Straight Angled
Implant Direct	\$85	\$75	\$85	\$85	\$100	\$35	\$35	\$107	\$110	\$85	\$100
Zimmer Dental	\$150	\$150	\$191	\$185	\$182	\$40	\$49	\$172	\$110	\$180	N/A
Cost Savings	43%	50%	55%	54%	45%	13%	29%	38%	0%	53%	N/A

List prices as of 7/20/09

### INTRODUCTORY LEGACY OFFER

Try a 13mmL Legacy1, Legacy2 and Legacy3 Implant at no charge with purchase of required instruments

US List Price for 3 Implants, Abutments and Prosthetic Components:

Legacy = \$620

Zimmer Dental = \$1859



**FREE Introductory Offers at**  
[www.implantdirect.com](http://www.implantdirect.com)  
Terms and Conditions Apply



# Straumann partners with Cadent

Straumann, a global leader in regenerative, restorative and replacement dentistry, and Cadent, a provider of 3-D digital solutions for the orthodontic and dental industries, recently announced they have established an agreement that makes Straumann the exclusive European distributor of Cadent's iTero digital impression systems with immediate effect.

The agreement provides Cadent with access to the highly attractive European dental market through the Straumann sales network and brand. It also enables Straumann to offer European customers leading intra-oral scanning technology as part of an integrated range of tooth replace-

ment and restoration solutions.

The deal follows a data-sharing agreement between the two companies, which was announced in August and connects the iTero system into the Straumann CAD/CAM workflow.

## Partners of choice

"We are privileged to be Cadent's exclusive distributor in Europe," said President and CEO of the Straumann Group Gilbert Achermann. "The iTero technology complements our in-lab scanning solutions, offering customers the option of fast, precise and convenient in-chair scanning connected directly to our integrated digital workflow. Dentists, labs and

patients all stand to benefit from the time and cost savings in addition to the added convenience and comfort."

Tim Mack, CEO of Cadent, added: "Straumann is a powerful brand in dentistry that will leverage and drive our penetration of the highly attractive European market. The breadth and quality of Straumann's dental solutions together with its strength in sales and service make it the partner of choice — not just for us but also for dentists and labs."

## Intra-oral scanning: shaping the future of dentistry

Intra-oral scanning is an established but still emerging technology that

promises to have substantial impact on the future of dentistry. Its main advantage is it enables the dentist to create a 3-D image of the patient's teeth using a miniature digital scanner/camera inside the mouth. This avoids the slower — and potentially less reliable — conventional process of impression-taking in the dental practice, followed by model casting in the laboratory. In addition to high precision, there are considerable time and cost savings for both the lab and the dental practice.

## About iTero

Cadent's iTero system uses a groundbreaking powder-free laser scanner that produces a precise 3-D digital impression, or model, of the prepared tooth or implant abutment. The model includes the opposing dentition and the bite in occlusion, which will enable the technician to ensure the new prosthetic tooth or teeth fit precisely with the opposite teeth during biting/chewing. The model is magnified and displayed on a chairside computer screen while the patient is still in the chair. This enhanced visualization, plus real-time analytical tools, allows the dentist to make any necessary adjustments simply and quickly before completing the scanning process. The data is then sent electronically to a dental laboratory equipped with the respective design software. After processing, the data are forwarded to a Straumann manufacturing facility, where the prosthetic is milled and then sent to the laboratory, together with a model of the patient's teeth, for finishing. The highly esthetic, precise-fitting restoration is then delivered to the dentist.

## About Cadent

Headquartered in Carlstadt, N.J., with R&D and operations in Israel, Cadent is a leading provider of 3-D digital solutions for the orthodontic and dental industries. The company services thousands of cases each day for a rapidly expanding customer base. Cadent's offerings improve the efficiency and effectiveness of orthodontic and dental treatments while increasing the revenue of dental health-care providers. More information is available at [www.cadentinc.com](http://www.cadentinc.com).

## About Straumann

Headquartered in Basel, Switzerland, the Straumann Group is a global leader in implant and restorative dentistry and oral tissue regeneration. In collaboration with leading clinics, research institutes and universities, Straumann researches, develops and manufactures dental implants, instruments, prosthetics and tissue-regeneration products for use in tooth replacement and restoration solutions or for preventing tooth loss. Straumann currently employs about 2,200 people worldwide; its products and services are available in more than 70 countries through its broad network of distribution subsidiaries and partners. ■

AD

**SAVE THE DATE!**

**25<sup>th</sup> Anniversary Meeting**

**Academy of Osseointegration**

**Highlights Include:**

- Opening Symposium: *25 Years of Experience—The Formula for Predictable Implant Success*
- Round Table Clinics
- Limited Attendance Lectures
- Two Track Program
- Commercial Exhibits
- Dental Hygiene/Assistance Program
- Hands On Workshop (*NEW*)

**THE FORMULA FOR PREDICTABLE IMPLANT SUCCESS**

**MARCH 4-6, 2010**

**WALT DISNEY WORLD DOLPHIN RESORT – ORLANDO, FLORIDA**

ADA CERP® | Continuing Education Recognition Program



# OSTEOGENICS' 2010 GLOBAL BONE GRAFTING SYMPOSIUM

FOCUS: TREATMENT PLANNING ROUTINE AND COMPLEX BONE GRAFTING CASES  
WESTIN KIERLAND RESORT & SPA :: SCOTTSDALE, ARIZONA :: MAR 26-27, 2010



H. DEXTER  
BARBER, DDS



SUZANNE  
CAUDRY, PHD,  
DDS, MSc



DANIEL  
CULLUM, DDS



ANDREAS  
SIEBOLD,  
BChD, MChD,  
DR.MED.DENT



HOM-LAY  
WANG, DDS,  
MSD, PhD



THOMAS  
WILSON, JR.,  
DDS

KEYNOTE SPEAKER:  
MICHAEL PIKOS, DDS



## SYMPOSIUM REGISTRATION

\$695 :: REGISTER BY FEB 26TH, 2010 (NONREFUNDABLE AFTER FEB 26TH, 2010)

ASSISTANTS AND OFFICE PERSONNEL ARE WELCOME AT \$250/PERSON

CALL LAURA WOOD AT 1.888.796.1923 OR VISIT [WWW.OSTEOGENICS.COM/COURSES](http://WWW.OSTEOGENICS.COM/COURSES) TO REGISTER.

FOR MORE INFORMATION, CALL 1.888.796.1923  
OR VISIT [WWW.OSTEOGENICS.COM/COURSES](http://WWW.OSTEOGENICS.COM/COURSES)



SPONSORED BY:

