

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...
Operator 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 Program®

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

 ADIA ICOI

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. IT

(Source: BIOMET 3i)

AD



Dental Collab BETA
FINALLY A SOLUTION FOR MENTORING
WITH EXPERTS & PEERS.
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.

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

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

Vice President Global Sales

Peter Witteczek
p.witteczek@dental-tribune.com

Chief Operating Officer

Eric Seid
e.seid@dental-tribune.com

Group Editor & Designer

Robin Goodman
r.goodman@dental-tribune.com

Editor in Chief

Sascha A. Jovanovic, DDS, MS
sascha@jovanoviconline.com

Managing Editor/Designer

Implant & Endo Tribunes
Sierra Rendon
s.rendon@dental-tribune.com

Managing Editor/Designer

Ortho Tribune & Show Dailies
Kristine Colker
k.colker@dental-tribune.com

Online Editor

Fred Michmershuizen
f.michmershuizen@dental-tribune.com

Account Manager

Humberto Estrada
h.estrada@dental-tribune.com

Marketing Manager

Anna Wlodarczyk
a.wlodarczyk@dental-tribune.com

Marketing & Sales Assistant

Lorrie Young
l.young@dental-tribune.com

C.E. Manager

Julia Wehkamp
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



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

Osteocel®

**The
Future
Is Now.**

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

www.acesurgical.com

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



Before: exposed implant



Osteocel 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 Osteocel® 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. Osteocel does not activate T cell proliferation, as shown *in vitro* from Mixed Lymphocyte Reaction (MLR) testing.

Histologic Evidence

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

Bone Formation

Stem cells contained in Osteocel are capable of differentiating into bone cells. Every lot of Osteocel is tested for bone forming potential.

Viable Cell Content

The osteogenic potential arises from the stem cells in Osteocel. 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

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

An Evening Lecture Series

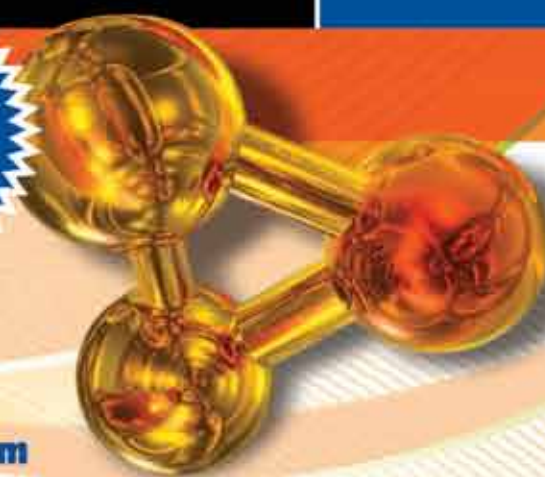
January 14th • New York City
January 27th • Palo Alto, CA
February 4th • Iselin, NJ
February 11th • Cleveland, OH
March 1st • Fort Lauderdale, FL
March 3rd • Tampa, FL
March 4th • Orlando, FL

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.

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.

AD

Dental Collab BETA

FINALLY A SOLUTION TO
CREATE, SHARE & COLLABORATE.
WWW.DENTALCOLLAB.COM

FIRST MONTH
FREE
CODE: ITDC09

Sonick Seminars

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

"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

The Experts Agree 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 "lasing 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® 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® 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. ■

AD

Dental Collab BETA
FINALLY A SOLUTION TO
CREATE, SHARE & COLLABORATE.
WWW.DENTALCOLLAB.COM
FIRST MONTH FREE
CODE: ITDC09

MEISINGER Bone Management®

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 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

www.meisingerusa.com

www.bone-management.com

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

Three Implant Designs and Packaging Options Original Conical Connection (GNiznick US Pat.#4,960,381)

Selection As Simple as 1-2-3

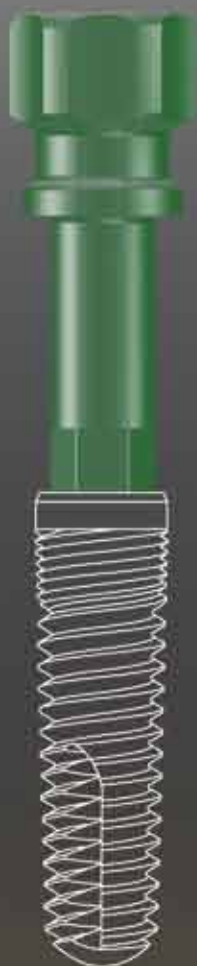
Select Implant based on Price, Packaging and Thread Design

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



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	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

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



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
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.

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!

25th 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 TO REGISTER.

FOR MORE INFORMATION, CALL 1.888.796.1923
OR VISIT WWW.OSTEOGENICS.COM/COURSES



SPONSORED BY:

