



**Patient financing**  
Wouldn't you rather have 95 percent of a fee than zero?

▶Page 17



**Materialise at the EAO**  
Dr. Norton will showcase SurgiGuide in Glasgow, U.K.

▶Page 19



**The new Legacy**  
Implant Direct's new angled overdenture abutments

▶Page 22



(Photo/Provided by Dr. Steven A. Guttenberg)

## CBCT and implants: a career-altering experience

By Steven A. Guttenberg, DDS, MD

With all the technology available to dental practitioners today, very few can be described as "career altering." One of my original reasons for investing in a cone-beam computed tomography (CBCT) scanner was to assist with the complete evaluation of dental implant sites.

A major concern during implant placement is the possibility of placing an implant too close to or penetrating the inferior alveolar nerve canal, likely resulting in injuries such as paresthesia, anesthesia or dysesthesia. In preparation for the insertion of fixtures, I wanted to be able to appropriately visualize important anatomic landmarks

→ **T** page 14

## Esthetic management of adjacent maxillary central incisors

*Extraction, immediate placement and immediate provisionalization*

By Michael Sonick DMD

**Periodontist:** Dr. Michael Sonick

**Restorative Dentist:** Dr. Patrice Foudy

### Patient history

A medically and periodontally stable 50-year old woman presented with failing #8 and #9 teeth that exhibit asymmetry, lack of interdental papilla and a history of failing root-canal therapy and apicoectomy (Fig. 1).

### Treatment plan

1. Extraction of teeth #8 and #9, immediate implantation of #8 and #9 and immediate non-functional provisionalization of #8 and #9.
2. Three-month healing period.
3. Gingivectomy to create mucosal symmetry.
4. Six-month healing period, during which contour adjustments to interim restoration will be made to manipulate papillary regeneration.
5. Placement of final single PFM crowns on implants #8 and #9.

### Treatment plan rationale

Implant rehabilitation for sites #8 and #9 boosts long-term pros-



Fig. 1a: Initial facial view. (Photos/Provided by Dr. Michael Sonick)

thetic success, which diminishes future costs and permits more future restorability options.

The patient is an ideal candidate for immediate implant placement and temporization because of her

### Extraction of teeth #8 and #9, immediate placement of implants #8 and #9 and immediate non-functional provisionalization of #8 and #9

After oral sedation with 0.25 mg triazolam and local anesthetic induction using 2 percent lidocaine with 1:100,000 epinephrine and 0.5 percent bupivacaine with 1:200,000 epinephrine, sulcular incisions were made circumferentially around teeth #8 and #9.

To create room for extraction instructions, the crowns on teeth #8 and #9 were reduced (Fig. 2a). Teeth #8 and #9 were extracted atraumatically using a piezosurgical insert and serrated universal maxillary forceps

→ **T** page 2

AD

**FREE**  
**NuOss™**

See page 3 and [www.acesurgical.com](http://www.acesurgical.com) for details

PRSRT STD  
U.S. Postage  
PAID  
Permit # 306  
Mechanicsburg, PA

Dental Tribune America  
213 West 35th Street  
Suite #801  
New York, NY 10001

← **m** page 1

(Figs. 2b-2c). Degranulation of the sockets was performed using a carbide finishing bur and Neumeyer bur.

A surgical guide was used to prepare the implant osteotomies, and proper positioning was attained (Fig. 3). After finalization of the osteotomy sites, rough-surfaced, internal hex 4 mm (diameter) x 15 mm (length) implants were placed into the #8 and #9 sites (NanoTite® Tapered Certain® Implant, BIOMET 3i, Palm Beach Gardens, Fla.) (Fig. 4).

Healing abutments were placed on the implants to prevent soft-tissue and bony collapse during the period that extraoral fabrication of the temporary prostheses occurred (Fig. 5a).

The orientation of the implants was ideal, and the fixtures exited from the sockets at the cingulum posi-

tions (Fig. 5a). Primary stability was achieved. Radiographic review of the implants revealed a peak of bone between the fixtures, an inter-implant distance of greater than 4 mm and an implant-tooth distance of 2 mm (Fig. 5b). To bridge the circumferential gap between the socket walls and the implant surfaces, freeze-dried bone allograft (FDBA) was used as graft material (LifeNet Health, Virginia Beach, Va.).

Temporary cylinders (Pre-Formance® Temporary Cylinder, Certain Internal Connection, 4.1 mm platform, hexed) were placed on the implants to check the restorative position (Fig. 6). These were removed, and an implant-level pick-up impression was taken.

After chairside creation of a cast

→ **m** page 4



Fig. 1b: Smile view. Lack of papillae between #8 and #9 is evident. Patient also reveals gingival asymmetry, inflammation and excess gingiva around #8 and #9.



Fig. 1c: Right lateral initial smile view.

AD

# Las Vegas

**Bellagio Hotel**  
Las Vegas, Nevada

**February 10-12, 2011**

Pre-Symposium Courses:  
Thursday, February 10, 2011

## ICOI Winter Symposium

For more information please contact the ICOI Central Office  
at (973) 783-6300 or visit our website at [www.icoi.org](http://www.icoi.org)

Sponsored by:

ADA CERP® | Continuing Education Recognition Program

AGD - Accepted Program Provider  
FAGD/MAGD Credit, 5/1/09 - 6/30/12

ICOI is an ADA CERP® Recognized Provider. ADA CERP® is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry.

Photo courtesy of The Las Vegas Convention and Visitors Authority

## 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

Stop by the ACE booth  
AAOMS • Chicago



BOOTH #1012

SURGICAL SUPPLY CO., INC.

# NuOss™

## The NU CHOICE IN BONE REGENERATION

### A NATURAL, POROUS BONE MINERAL MATRIX

**BUY ANY 5 NuOss  
VIALS or BLOCKS &  
GET 1 FREE\***

Offer good through October 2010.



### NuOss™ DEPROTEINIZED BOVINE BONE

**NuOss™** — A natural porous bone mineral matrix produced by the removal of all organic components from bovine bone. Due to its natural structure, NuOss™ is physically and chemically comparable to the mineralized matrix of human bone.

**NuOss™ Collagen** — A natural bone substitute that promotes bone growth in both periodontal and maxillofacial defects. NuOss™ Collagen is made up of cancellous granules mixed with approximately 5% of bovine collagen. Once moistened the NuOss Collagen is moldable and can be placed in most defects.

#### Typical Uses:

- Ridge Augmentation
- Filling of infrabony periodontal defects
- Filling of extraction sockets
- Elevating the maxillary sinus floor
- Filling of peri-implant defects

ACE Surgical Supply Company, Inc. • 1034 Pearl Street, Brockton, MA 02301 • \*Mix and match, lowest priced item is FREE. All items must be on the same order.

Offer valid through October 31st, 2010. Call 1.800.441.3100 or order online @ [www.acesurgical.com](http://www.acesurgical.com)

800.441.3100

[www.acesurgical.com](http://www.acesurgical.com)

← **II** page 2

with implant analogs, the hexed temporary cylinders were connected to the analogs and acrylic resin interim crowns were fabricated using a vacuum-formed template made over ideally shaped central incisors.

The resin interim crowns were seated and screwed onto the implants using hexed titanium screws with 20 Ncm torque. Cotton pellets were placed over the screw heads, and the access holes were sealed with composite resin.

Occlusal adjustment prevented functional contact upon excursions. The interim restorations did not fill the papillary space between #8 and #9 (Fig. 7). A radiograph taken following completion of provisionalization demonstrated satisfactory positioning and seating (Fig. 8).

**Gingivectomy over implants #8 and #9**

Healing of the implant sites proceeded without incident. At one week post-surgery, the buccal marginal tissue remained coronally-oriented and encroachment of the papilla into the unfilled interdental space began (Fig. 9). Three months after initial surgery, further coronal displacement and papilla fill occurred



Fig. 1d: Left lateral initial smile view. Teeth #8 and #9 appear to be on a different occlusal plane. Attention is drawn to them.



Fig. 2a: Contact points are broken and the crowns are removed. Trauma to the bone and adjacent teeth is to be avoided.



Fig. 2b: Following a sulcular incision, piezosurgery is used to atraumatically remove the teeth.



Fig. 2c: Utilizing beaked serrated forceps and rotational apical pressure, tooth #8 is removed without any destruction to the alveolar plate.



Fig. 1e: Initial radiograph. Teeth #8 and #9 are failing endodontically.



Fig. 3a: A surgical guide is used to ensure correct orientation during osteotomy preparation. Buccal view of the guide in place with orientation pins is shown.

→ **II** page 6

AD



ANNUAL DENTAL TRIBUNE STUDY CLUB  
**SYMPOSIA AT THE GNYDM**  
NOVEMBER 28 – DECEMBER 1, 2010, 10:00 AM DAILY

Greater  
New York  
Dental Meeting



WWW.GNYDM.COM

For the third year in a row, the DTSC hosts its annual CE Symposia at the GNYDM, offering four days of focused lectures in various areas of dentistry.

**REGISTER NOW: WWW.GNYDM.COM**

**28 NOV**

10:00 - 11:00 Dr. Howard Glazer, DDS, FAGD  
**BEAUTIFIL: GO WITH THE FLOW**

11:20 - 12:20 Dr. John Flucke, DDS  
**LIGHT CURED ADHESIVE DENTISTRY - SCIENCE AND SUBSTANCE**

1:20 - 2:20 Dr. Martin Goldstein, DMD  
**A SIMPLIFIED APPROACH TO MULTI-LAYER DIRECT COMPOSITE BONDING**

2:40 - 3:40 Dr. Marius Steigmann, DMD  
**MY FIRST ESTHETIC IMPLANT CASE - WHY, HOW, & WHEN?**

4:00 - 5:00 Dr. Louis Malcmacher, DDS, MAGD  
**TOTAL FACIAL ESTHETICS FOR EVERY DENTAL PRACTICE**

**29 NOV**

10:00 - 11:00 Mrs. Noel Brandon-Kelsch  
**ECO-FRIENDLY INFECTION CONTROL-UNDERSTANDING THE BALANCE**

11:20 - 12:20 Dr. Derek Fine, DMD  
**CONE BEAM - AWARENESS IN THREE DIMENSIONS**

1:20 - 2:20 Various Speakers  
**OPTIMIZING YOUR PRACTICE WITH 3D CONE-BEAM TECHNOLOGY**

2:40 - 3:40 Dr. Daniel McEwen, DDS  
**HIGH RESOLUTION CONE BEAM WITH PREXION 3D**

4:00 - 5:00 Dr. Maria Ryan, DDS, PhD  
**DETECTING CORONARY HEART THROUGH PERIODONTITIS AND PERIIMPLANTITIS**

**30 NOV**

10:00 - 11:00 Dr. Fotinos Panagakos  
**DENTIN HYPERSENSITIVITY - NEW MANAGEMENT APPROACHES**

11:20 - 12:20 Dr. Jay Reznick, DMD, MD  
**3D IMAGING AND CT-GUIDED DENTAL IMPLANT SURGERY**

1:20 - 2:20 Dr. Dov Almog, DMD  
**INTRODUCTION TO CONE BEAM CT (CBCT), ESPECIALLY AS IT PERTAINS TO PREVENTION OF FAILURES IN ORAL IMPLANTOLOGY**

2:30 - 3:30 Dr. Maria Ryan, DDS, PhD  
**DETECTING CORONARY HEART THROUGH PERIODONTITIS AND PERIIMPLANTITIS**

4:00 - 5:00 Dr. Dwayne Karateew, DDS  
**CONTEMPORARY CONCEPTS IN TOOTH RELACEMENT: PARADIGM SHIFT**

**1 DEC**

10:00 - 11:00 Mr. Al Dube  
**MERCURY AMALGAM WASTE AND OSHA AND REGULATORY ISSUES AFFECTING DENTISTS**

11:20 - 12:20 Dr. Glenn van As  
**AN INTRODUCTION TO DIODE LASERS: TOP 10 PROCEDURES YOU CAN DO WITH YOUR DIODE LASER**

1:00 - 4:30 Various Speakers  
**REVOLUTIONARY IMPLANT DESIGN UNVEILED**

PLEASE SEE FURTHER PROGRAM AND SPEAKER DETAILS UNDER [WWW.DTSTUDYCLUB.COM/GNYDM](http://WWW.DTSTUDYCLUB.COM/GNYDM)



APPROACH DENTURES FROM A UNIQUE ANGLE



## ERA Mini™ Dental Implant System

*Zimmer Dental – the worldwide exclusive distributor of the ERA Mini Dental Implant System and related products.*

*The ERA Mini Dental Implant System offers the life-improving benefits of denture stabilization with the capability to correct implant misangulation.*



### EASY TO USE

- Enables uncomplicated, minimally invasive, chair-side procedures in as little as one visit



### RESILIENT

- Provides vertical resiliency, helping to reduce load transmission to implants<sup>1</sup>



### AFFORDABLE

- Low-cost denture stabilization

To learn more about the **ERA Mini Dental Implant System** please visit us online at [www.zimmerdental.com](http://www.zimmerdental.com) or to speak to a sales representative call **1 (800) 854-7019**.

To receive our eNews visit us at [www.zimmerdental.com/news\\_eNewsLetterSignUp.aspx](http://www.zimmerdental.com/news_eNewsLetterSignUp.aspx)



[www.zimmerdental.com](http://www.zimmerdental.com)

← **T** page 4

(Fig. 10).

Minor gingivectomy was performed to create mucosal symmetry between the maxillary central incisors. The contact point and contour of the interim crowns were also adjusted to create a fuller papilla.

**Final restoration of implants #8 and #9**

Six months after gingivectomy and provisional contour modification, the implants were ready for final prostheses (Fig. 11). Single final PFM crowns were placed on implants #8 and #9. Clinical analysis demonstrated resolution of inflammation,

→ **T** page 9



Fig. 3b: Occlusal view of the surgical guide in place. Note that the osteotomy is located at the cingulum position, the preferred site for a screw-retained restoration. Notice too the occlusal wings on the guide that stabilize its position on adjacent teeth during surgical preparation.



Fig. 3c: Initial osteotomy orientation confirmed by radiograph.

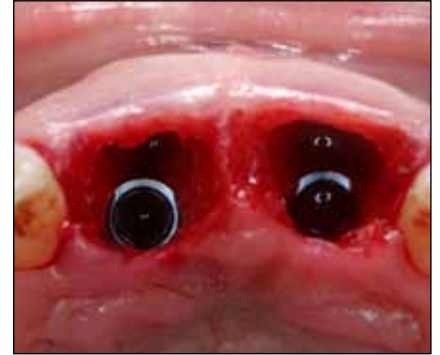


Fig. 4: Occlusal view following placement of two 4 mm-diameter dental implants. Note the palatal position and the thickness of the buccal plate. A gap is present between the labial aspect of the implant and the facial plate. This will be grafted.



Fig. 5a: Temporary healing abutments in place. They prevent soft-tissue and bony collapse while the provisional restoration is being fabricated extra-orally.

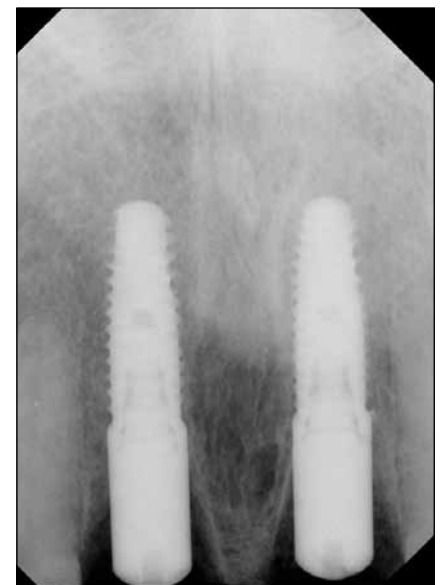


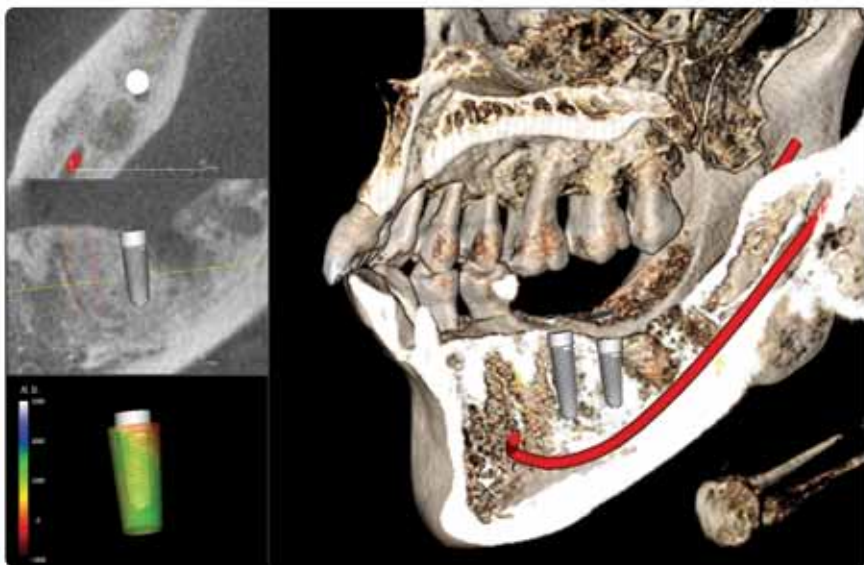
Fig. 5b: Radiograph of implants in place with temporary healing abutments. Note peak of bone between the implants.



Fig. 6a: Occlusal view of temporary cylinders. Note ideal positioning for both function and esthetics. Occlusal forces are directed along the long axis of the implants. Implants are also positioned palatally, which will allow for ideal sculpting of the tissue with the provisional.

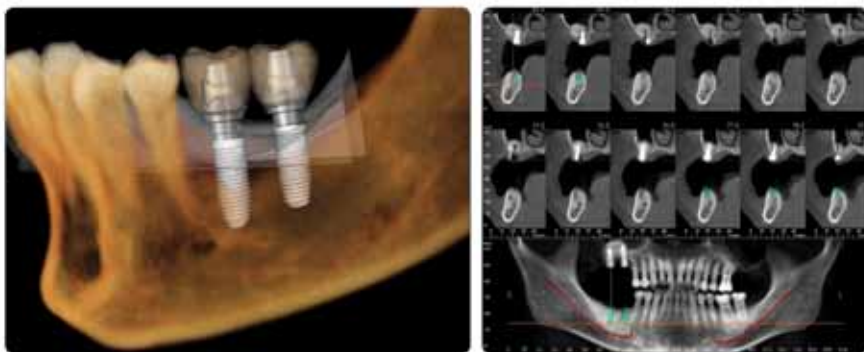
AD

**Implant Planning in 20 Seconds**  
with **Invivo5**



**High quality 3D Implant planning system from CA, USA.**

- Extremely fast and easy
- High quality and accurate visualizations
- No conversion, pre-processing, or preparation
- Software developed from Silicon Valley, California
- Surgical Guide made from California
- Expert support provided from California



Find out why so many doctors choose Invivo5. Call for a demonstration today!



www.anatomage.com Tel. 408-885-1474 Fax 408-295-9786 111 N. Market St. #800 San Jose, CA 95113

*Anatomage*

# PRESERVE BONY ARCHITECTURE IN COMPROMISED EXTRACTION SITES

Visit Osteogenics Biomedical at AAOMS Booth #1132 to learn more and receive special show pricing.

Extraction sites with deficient structural support (ex. buccal defects) often require **tenting membranes to prevent collapse into the defect**. In these cases, titanium-reinforced membranes help reshape the site to the original dimensions of the ridge. Although primary closure may be obtained, Cytoplast® titanium-reinforced membranes are designed to withstand exposure and prevent bacterial penetration<sup>1, 2, 3</sup>, making them especially well-suited for extraction site reconstruction.

1. Fotek PD, Neiva RF, Wang HL. Comparison of dermal matrix and Polytetrafluoroethylene membrane for socket bone augmentation. J Periodontol 2009;80:776-785 2. Hoffman O, Bartee BK, Beaumont C, Kasaj A, Deli G, Zafiroopoulos GG. Alveolar bone preservation in extraction sockets using non-resorbable dPTFE membranes: A retrospective non-randomized study. J Periodontol 2008;79:1355-1369 3. Barber HD, Lingnelli J, Smith BM, Bartee BK. Using a dense PTFE membrane without primary closure to achieve bone and tissue regeneration. J Oral Maxillofac Surg 2007;65:748-752



Due to a vertical root fracture, the entire buccal plate is missing. The titanium-reinforcement of the Cytoplast® Ti-250 Anterior Narrow allows easy placement and maintenance of space.



The dense PTFE membrane has a pore size of <math><0.3\mu\text{m}</math>, making it occlusive to both soft tissue cells AND bacteria. Primary closure is not necessary.



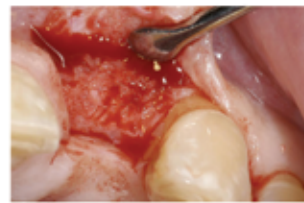
At two weeks, healing over the membrane is excellent – no inflammatory response and infection-free.



Because the membrane is left exposed, a non-surgical removal requires only topical anesthetic after 4 weeks of healing.



Two weeks after removal of the membrane, soft tissue has re-epithelialized over the socket. Soft tissue contours are preserved.



Re-entry at 4 months shows regeneration of the ridge to its original dimensions. Implants may now be placed in an optimal location.

## Extraction Site Grafting Configurations

Shown actual size.



12 mm x 20 mm

### Cytoplast® Ti-250 Anterior Narrow

Ideal for narrow single-tooth extraction sites, especially where one or more bony walls are missing.



14 mm x 24 mm

### Cytoplast® Ti-250 Anterior Singles

Ideal for single-tooth extraction sites, especially where one or more bony walls are missing.



17 mm x 25 mm

### Cytoplast® Ti-250 Buccal

For grafting large buccal defects.



20 mm x 25 mm

### Cytoplast® Ti-250 Posterior Singles

For grafting posterior extraction sites and limited ridge augmentation.

## DISCOVER WHY SO MANY SPECIALISTS RELY ON CYTOPLAST® TI-250 TITANIUM-REINFORCED MEMBRANES

“This membrane exhibits the least amount of post operative inflammatory tissue response, if any, and is easy to keep clean...even if a large portion is exposed. They almost maintain themselves, and if they don't self exfoliate, they are easy to slide out. Best of all, the bone forms where you want it to be!”  
*Robert Gorzelnik, DDS, Oral & Maxillofacial*

“I have had excellent results in reconstruction of labial and buccal wall defects with the Cytoplast® titanium-reinforced membrane. No other procedure gives me the same predictable results.”  
*John Sisto, DDS, Oral & Maxillofacial Surgeon*

“This is a very high quality product that consistently produces predictable results in my practice. It is a product any implant surgeon should consider in their armamentarium.”  
*David H. Gilbert, DDS, MS, Oral & Maxillofacial Surgeon*

“I use your membrane for all of my immediate extraction/immediate placement implants. I am getting predictable results. The time saved is another bonus.”  
*Charles C. Chen, DDS, Periodontist*

“In my experience, this membrane may be the best on the market currently for treatment of the severely resorbed extraction socket. It provides predictable space maintenance, excellent bone regeneration potential, and all while extremely tolerant to exposure.”  
*Matt Heaton, DDS, MS, Periodontist*

# REGISTER FOR

## The Future of Dentistry

*What's In, What's Out: Materials and Methods to Keep You on the Cutting Edge*

**EXIT 1A**

**Complacency**  
This Lane  
**Achievers**  
Merge Right



**MOTIVATION  
SOLUTIONS  
SUCCESS**

This EXIT   
10 Miles  
25 Miles

Just because the economy is unstable does not mean that your practice has to be.

**LVI will steer you in the right direction!**

Now is the time to take the driver's seat and invest in yourself and your future.

Recession-proof your practice with an education from LVI.

Bring a new enthusiasm to yourself, your practice, your team, and your patients!

You can have the practice of your dreams, and we can show you how.

Rohnert Part, CA	September 24-25	Toronto, ON	October 15-16	Carlsbad, CA	November 12-13
Calgary, AB	September 24-25	Palo Alto, CA	October 15-16	Pittsburgh, PA	November 19-20
Lincolnshire, IL	September 24-25	San Diego, CA	October 15-16	Seattle, WA	November 19-20
Portland, OR	September 24-25	Stockton, CA	October 22-23	Kitchener, ON	November 26-27
Hilton Head, SC	September 24-25	Moncton, NB	October 22-23	<b>2011 Events</b>	
Sudbury, ON	October 1-2	Littleton, CO	October 22-23	Houston, TX	February 4-5
Edmonton, AB	October 1-2	Madison, WI	October 22-23	Park City, UT	February 11-12
Omaha, NE	October 1-2	Kansas City, MO	October 29-30	Lubbock, TX	March 4-5
Sioux Falls, SD	October 8-9	Minneapolis, MN	November 5-6	Shreveport, LA	April 1-2

LVI is bringing 11 CE credits TO YOU with  
The Future of Dentistry in your area!

For complete details visit [www.LVIRegionalEvents.com](http://www.LVIRegionalEvents.com)

No Interest Tuition Financing Available Through  | CHASE 

If paid in full within the promotion period of 12 months. Interest will be charged to your account from the purchase if the balance is not paid in full within the promotional period 12 months, if you make a late payment, or if you are otherwise in default.

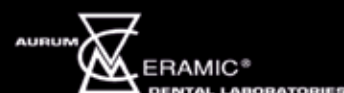
**ADA CERP**® | Continuing Education  
Recognition Program

LVI Global is an ADA CERP Recognized Provider. ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry. LVI Global designates this activity for 11 continuing education credits.



CHANGING DENTISTRY. CHANGING LIVES.

Sponsored by



Academy of General Dentistry  
Approved PACE Program Provider  
FAGD/MAGD Credit  
6/1/2007 to 5/31/2011

Check with your provider to see which plans are available. Available for purchases of \$1,000.00 or more. Interest will accrue during the promotional period at an APR of 24.75% to 27.99% (depending on creditworthiness). Your actual APR will be stated at the time of purchase. A Penalty Rate of 29.99% will be applicable if your minimum payment is not received within 60 days of the due date if stated at the time of purchase. Due Date Change Fee \$15. Minimum finance charge \$5.00. See your Purchase Acknowledgement and ChaseHealthAdvance Revolving Account Agreement for more information about this Promotion. Please read that material carefully.







Fig. 12d: Left lateral final view.

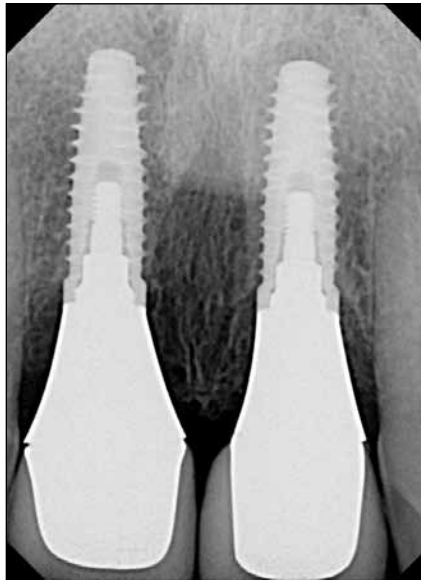


Fig. 13: Radiograph of final restoration. There is preservation of interproximal and peri-implant bone.



Fig. 14: Final facial view.

← **IT** page 9

100 mg qd for 10 days. The patient was instructed not to brush at or near the surgical site but instead to rinse with 0.12 percent chlorhexidine or warm saline twice daily. The patient was also directed not to chew in the affected area for at least two weeks. **IT**

**IT** About the author

Dr. Michael Sonick is a full-time practicing periodontist and implant surgeon in Fairfield, Conn. A renowned educator, author and clinical researcher, he is a guest lecturer for the International Dental Program at New York University School of Dentistry, a former clinical assistant professor in the department of surgery at Yale University School of Medicine and University of Connecticut School of Dental Medicine and a frequent lecturer on periodontics, implants and practice management. He is the founder and director of the Fairfield County Dental Club, an advanced continuing education organization that provides courses on dentistry's latest developments. He is also founder and director of Sonick Seminars, a multidisciplinary teaching institute. Courses are given on all surgical aspects of periodontics and implant dentistry. For more information, call (203) 254-2006 or visit [www.sonickdmd.com](http://www.sonickdmd.com).



AD

AD

**Sonick Seminars**

**Sign-up For These Great Courses!**

**Implant & Periodontal Plastic Surgery in the Esthetic Zone**  
September 23-24, 2010    September 22-23, 2011

**Bone Regeneration for Ideal Implant Placement**  
April 14-15, 2011    April 12-13, 2012

*Powerful & Thought-Provoking Continuing Education Courses*

[www.sonickseminars.com](http://www.sonickseminars.com)    Voice: 203.254.2006    16 CEUs

AD

**Grafting Products**  
**1-800-675-2537**



*"CK Dental's Grand Dermis is the best surgical allograft material I've ever used."*  
- Ziv Mazor, DDS

**All 1.0cc sizes are half the price!**  
**Good for any of the below products:**



Grand Bone Matrix Powder



Grand Cancellous Powder



Grand Cortical/Cancellous



Tel. 800-675-2537 - Fax. 714-639-6990  
Visit us online at [www.ckdental.net](http://www.ckdental.net)  
A division of Grand Industries  
Offer expires Oct. 8, 2010

**Visit us at AAOMS 2010!**  
**Booth #1040**

# Osstell - the objective way to measure implant stability



Today, more implant patients ask for early loading. More patients less qualified for implants ask to be treated, too. And every patient wants the loading to be successful.

Correctly assessing implant stability is a key parameter in either situation.

Osstell ISQ is a measuring tool that does this for you – in an accurate and objective way. Even when osseointegration is well underway.

It helps you, the treating doctor, make optimal loading decisions. You quickly detect implants that aren't performing as expected and need more healing time (or even to be replaced).

By preventing premature loading, Osstell ISQ becomes a quality-assurance system for your clinic. It makes your treatment of challenging patients easier and more predictable – allowing you to treat more patients more successfully.

240 studies (on last count) and ten years of clinical experience around the world confirm the usefulness of Osstell ISQ.

Simply put, it lets you choose the best protocol for every patient. And track the performance of every implant – now, later and much later.

Visit us at AAP booth #236  
Visit us at AAOMS, booth #661

[www.osstell.com](http://www.osstell.com)  
U.S. Customer Service 1-877-296-6177





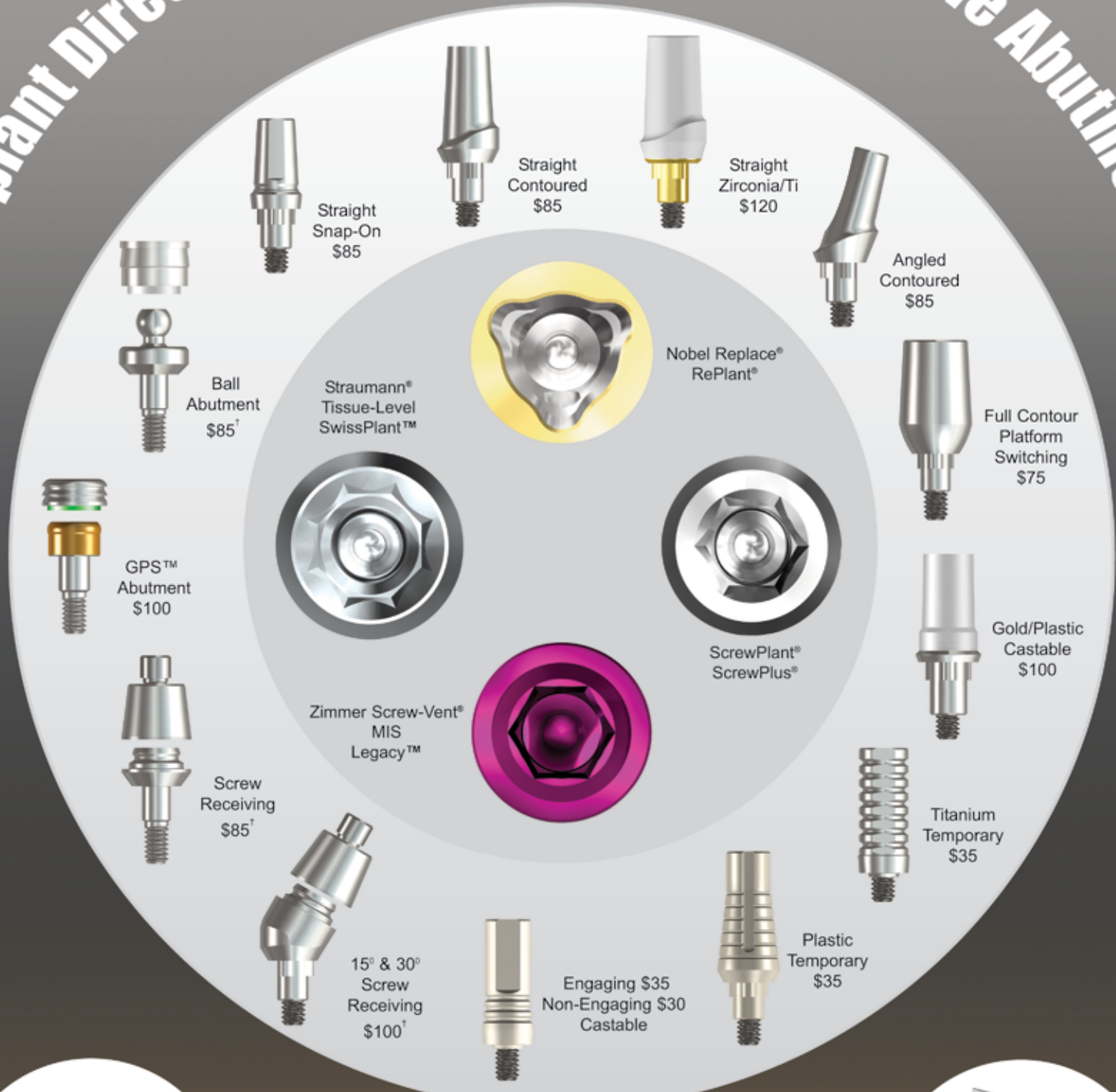
**Implant Direct™**

simply smarter.

**Ask about our new 0°, 8°, and 15° Zirconia/Titanium Abutments and GPS™ Overdenture Abutments\*.**

\*Compatible with Zest Locator® System

*Implant Direct's line of Industry Compatible Abutments*




**NEW \$100**

GPS™  
Abutment & Cap  
for Overdentures



**NEW \$120**

0°, 8°, & 15°  
Zirconia/Ti  
Abutments

**A complete line of prosthetic components for NobelBiocare Tri-Lobe, Straumann Internal Octagon and Zimmer/BioHorizons/MIS Internal Hex implants.**

Implant Direct Int'l 8840 W. Russell Road #210, Las Vegas, NV 89148 Manufacturing/Sales: 1-818-444-3333

<sup>†</sup>Price excludes Prosthetic Coping and Attachments.

Locator® is a registered trademark of Zest Anchor Company  
All trademarks are the property of their respective companies

**Ask about our 1-Piece 3.0mmD implants:  
GoDirect™ for Overdenture Attachments,  
ScrewIndirect® for Bar-Overdentures  
and Teeth-in-1Day™ Procedures.**



simply smarter.



**GoDirect™** (Pat. Pend.)

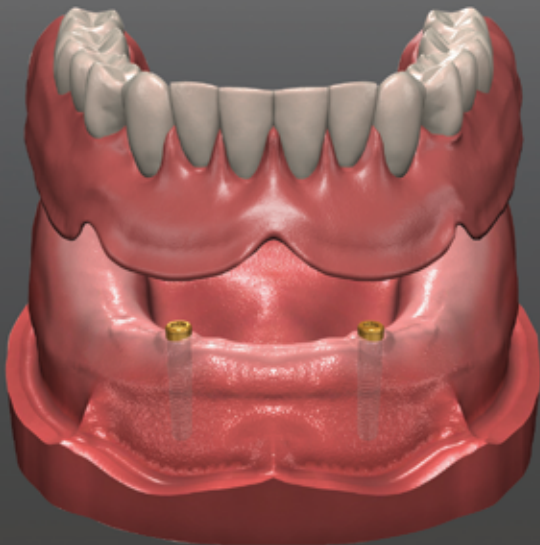
Locator® Compatible Platform  
All-in-One Packaging includes Snap-on  
Transfer and Comfort Cap.  
USA List Price = \$150  
GPS™ Cap Attachment = \$15.00



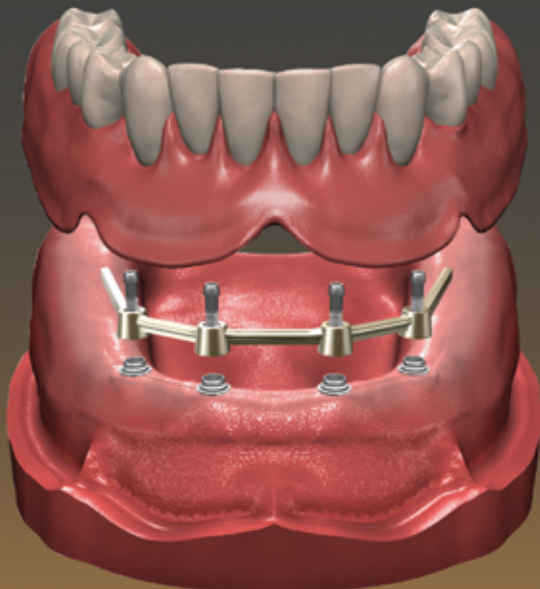
**ScrewIndirect®**

All-in-One Packaging includes  
Screw-receiving Abutment, Snap-on  
Transfer, Comfort Cap and 2mm Extender.  
USA List Price = \$150

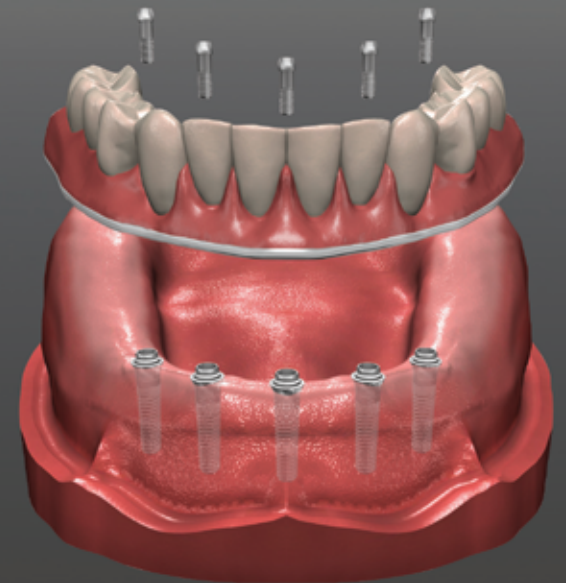
Implant-Retained  
Overdenture



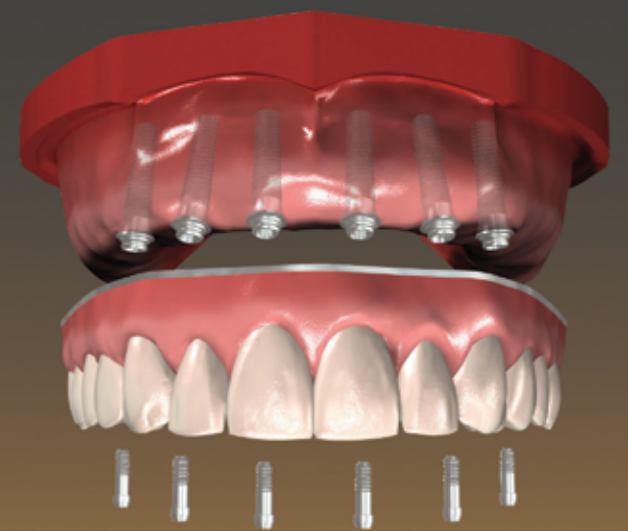
Implant-Supported  
Overdenture



Full Arch  
Screw-in Bridge



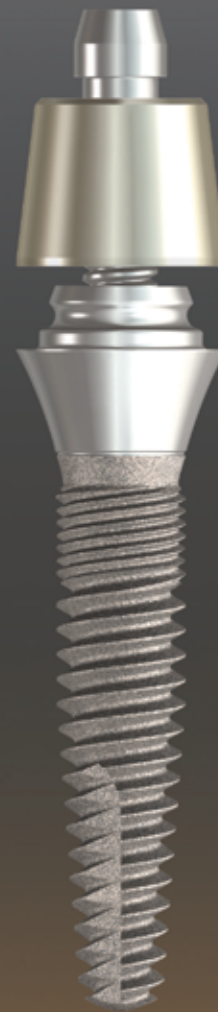
Full Arch  
Screw-in Bridge



GPS™ Cap  
Attachment



3.0mmD  
Implant



3.0mmD  
Implant

Visit our website to watch step-by-step surgical and prosthetic procedures  
for overdenture and Teeth-in-1Day™ procedures.

[www.implantdirect.com](http://www.implantdirect.com)

Implant Direct Int'l 8840 W. Russell Road #210, Las Vegas, NV 89148 Manufacturing/Sales: 1-818-444-3333

Locator® is a registered trademark of Zest Anchor Company

← **IT** page 1

such as the inferior alveolar nerve canal, mental foramen, maxillary sinus, incisive canal, nasal floor, mylohyoid ridge and the location and morphologic variation of adjacent teeth. The data provided by the scan accurately locates such structures beforehand, so that they and potential iatrogenic injuries can be effectively avoided during surgery.

Obviously, with traditional two-dimensional radiographs, I could visualize the general location of these entities and approximate the height of the alveolus, but a 3-D scan provided more information about the morphology of that ridge — its height and width to within a hundredth of a millimeter as well as its angulation and variation of its form. Currently, I feel that the scope of data garnered from the CBCT is imperative to place implants safely and cor-

rectly for the best restorative options, and this technology has indeed, altered my approach to dentistry. I continue to learn from each case that I perform by acquiring low-radiation limited postoperative scans, which help me become a better surgeon.

The clear, virtual, revolving model of the dentition captured on the CBCT scan can be rotated, zoomed in on from any angle and viewed in 360 degrees to assist in the determination of the implant site as well as for the fixture's proper inclination, length and diameter. As an added benefit, there are numerous CBCT-compatible, implant-positioning software programs available, such as SimPlant®, NobelGuide™, EasyGuide™ and Anatomage's InVivo5.

Besides its usefulness for implant patients, my CBCT has a myriad of other benefits. I use it to gain information for many of the procedures

performed in my practice: extractions, diagnosis and treatment of pathology, orthognathic surgery, airway studies, dental, oral and maxillofacial trauma, bone grafting, and evaluation of the paranasal sinuses.

For example, a cone-beam image can show the relationship of a tooth to vital structures, such as nerves, the sinus or other teeth, that could make an apparently simple extraction into a complicated one or provide one with information to treat complex extractions more easily. Using preoperative three-dimensional reconstructions, like those produced by InVivo5, has become indispensable preceding my treatment of jaw tumors, congenital and developmental deformities and maxillofacial trauma.

In addition to educating me regarding preoperative planning, the CBCT allows patients to better understand my

reasons for the treatment that has been suggested, so they feel more involved in their own dental health planning decisions. When they must decide between an implant and other possible treatment options, the 3-D images illustrate and enhance my verbal explanation. Patients also enjoy the convenience of the in-office cone-beam examination, which eliminates the need for an extra trip to an imaging center and additional appointments at our office.

Also, during these times when financial considerations and radiation exposure are making headlines, patients appreciate that my CBCT machine exposes them to considerably less radiation and lower costs than the traditional medical CT scans taken elsewhere.

From a practice-building perspective, we have noted patients are appreciative of in-office CBCT technology that results in safer and easier treatment and they discuss their experience with family and friends, resulting in increased referrals.

Quite frankly, I can't even imagine how I could practice oral and maxillofacial surgery without my i-CAT®, and I would not want to place an implant without being aware of all the details that could affect its success or failure. The CBCT information helps me formulate the correct diagnosis, whether I am planning an implant, simple or complex dental procedure, or just consulting. For my practice, I consider it not only to be the standard of care, but the gold standard for dental practice. **IT**

AD



# YANKEE

## Dental Congress® 36

Boston Convention & Exhibition Center  
**JANUARY 26-30, 2011**  
**EXHIBITS: JANUARY 27-29, 2011**

**NEW REGISTRATION GROUP DISCOUNT**  
 Your Entire Dental Team Can Get Connected  
 Register 4 dental professionals from the same office and the 5<sup>th</sup> goes FREE\* (Some restrictions apply.)

**NEW YANKEE'S HIGH-TECH PLAYGROUND**  
 This is your chance to try out various tools and state-of-the-art gadgets. This informal setting will give you the opportunity to learn and play at the same time.

**LIVE PATIENT DEMONSTRATIONS**  
 See cutting-edge procedures and products being used by some of today's best clinicians.

**DENTAL OFFICE DESIGN PAVILION**  
 You won't want to miss the Dental Office Design Pavilion, a central source for ideas, displays, and information on designing your dental office!

**RITZ-CARLTON CUSTOMER SERVICE**  
 The Ritz-Carlton Leadership Center will offer presentations on providing superior customer service.

**GORDON CHRISTENSEN, DDS**  
**PAUL CHILD, DMD**  
**NEW ASPECTS OF DENTISTRY:**  
**RESTORATIVE DENTISTRY**  
**FIXED PROSTHODONTICS**

**DAVID LITTLE, DDS**  
**IMPLEMENTING IMPLANTS:**  
**CHARTING THE COURSE**  
**IMPLANT-RETAINED OVERDENTURES**  
**ESTHETIC IMPLANT-RETAINED OVERDENTURES**

**BERNARD TOUATI, DDS**  
**WORLD-CLASS ANTERIOR IMPLANT ESTHETICS: SURGICAL CONSIDERATIONS**

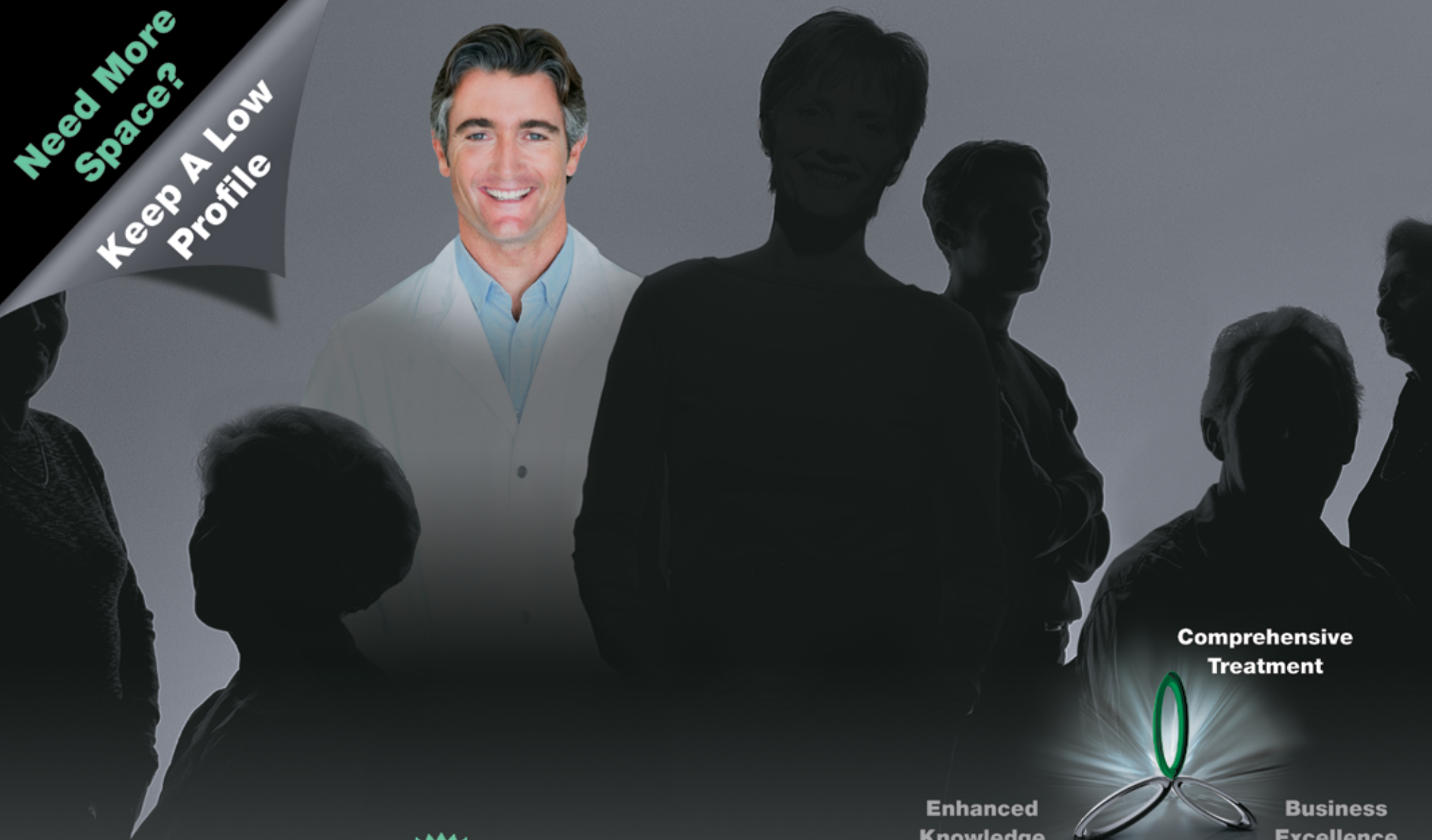
**Registration and Housing Open September 22, 2010, at 12:00 noon**  
[www.yankeedental.com](http://www.yankeedental.com)

### **IT** About the author



Dr. Steven A. Guttenberg, an oral and maxillofacial surgeon, practices in Washington, D.C., where he is director of the Washington Institute for Mouth, Face and Jaw Surgery. He is a diplomate of the American Board of Oral and Maxillofacial Surgery and a fellow of the American Association of Oral and Maxillofacial Surgeons and of the American College of Oral and Maxillofacial Surgeons, of which he is currently the immediate past-president. Guttenberg teaches at the Washington Hospital Center and is the chairman of its Oral and Maxillofacial Surgery Residency Training and Education Committee. He frequently lectures nationally and abroad. Guttenberg's numerous scientific articles and book chapters have been published in dental and medical literature.

**Need More Space?**  
**Keep A Low Profile**



**Comprehensive Treatment**

**Enhanced Knowledge**

**Business Excellence**



**Introducing The **NEW** BIOMET 3i™ Low Profile Abutment**

**The Solution Designed To Provide Clinicians With More Space:**

- For Screw-Retained Restorations In Areas Of Limited Interarch Distance
- A Wide Array Of Versatile Restorative Options For Immediate Or Traditional Loading Procedures



**Providing Clinicians One Solution At A Time With BIOMET 3i™ Low Profile Abutments**

- One Restorative Platform For Ease Of Use
- Contoured Emergence Profile Provides Easier Placement In Subcrestal And Flapless Surgery

**BIOMET 3i™**  
**PROVIDING SOLUTIONS - ONE PATIENT AT A TIME™**

To Broaden Your Options With The Low Profile Abutment, Contact Your Local BIOMET 3i™ Sales Representative Today! In the USA: 1-888-800-8045, Outside The USA: +1-561-776-6700 Or Visit Us Online At [www.biomet3i.com](http://www.biomet3i.com)

Providing Solutions - One Patient At A Time and design are trademarks of BIOMET 3i LLC. BIOMET 3i and design are trademarks of BIOMET, Inc. ©2010 BIOMET 3i LLC. All rights reserved.



59<sup>th</sup> Annual Meeting

Boston

October 20-23, 2010

AMERICAN ACADEMY OF IMPLANT DENTISTRY

# NAVIGATE ZONES OF IMPLANT DENTISTRY

## Complications Confidence Comfort

3 1/2 days of **comprehensive**  
implant dentistry **education**



Register by September 20, 2010 and save \$100

312.335.1550 or 877.335.AAID (2243) • [www.aid.com](http://www.aid.com)



# Patient financing makes implants more affordable

By Roger P. Levin, DDS

Presenting implant treatment can be extremely challenging. While the value of implant treatment is readily apparent, the cost is often a deterrent to case acceptance. When patients find out that insurance provides little or no coverage for implant treatment, most people will say “no” — unless the practice offers a way to make the cost affordable.

Patient financing does just that. It breaks the total cost of dental implants into comfortable monthly payments. Levin Group recommends offering financing options to all patients, not just those who express interest. According to a 2010 survey conducted by Levin Group, seven out of 10 doctors said offering patient financing increased case acceptance.

Financing by an outside dental-oriented patient financing company provides convenience for patients and practice alike. Patients can be approved in a matter of minutes — very important for implant case acceptance. Remember that patients are contemplating a great deal of new information. A quick and painless financing process will help ensure that they stay motivated for implant treatment.

## Get 95 percent of something

A surprising number of implant practices today fail to tell patients that outside patient financing is available. Why? Some doctors are hesitant to give up a very small portion of the fee as part of the financing arrangement. This is clearly not in the practice’s best interests.

The small portion of the fee that is retained by the financing company is insignificant compared with the return to the practice. This is not a matter of receiving 100 percent of your fee as opposed to receiving 95 percent of your fee. It’s a matter of receiving 95 percent of your fee as opposed to receiving *none* of your fee, if the patient is unable to pay for the implant case. Without financing, many patients will not be able to afford implant treatment.

In addition, patient financing removes all patient financial arrangements from your practice. Once the revolving line of credit is put into place, the patient is obligated to the finance company rather than to your dental practice. The entire collection process is no longer your concern. This alone makes patient financing a practice-friendly option for implant patients.

## Conclusion

Patient financing addresses reservations patients may have concerning fees. Offering this option makes it far easier for patients to say “yes” to implants. Ultimately, outside financing

benefits both the implant patient *and* the practice. ■

*Implant Tribune* readers are entitled to receive a 20 percent courtesy on a Levin Group Practice Potential Analysis™ — an in-office evaluation designed to identify the true potential of your practice. Call (888) 973-0000 and mention “Implant Tribune” or e-mail customerservice@levingroup.com

## About the author

Dr. Roger P. Levin is chairman and chief executive officer of Levin Group, a leading implant practice management firm. Levin Group provides Total Implant Success™, the premier comprehensive consulting solution for lifetime success to implant clinicians in the United States and around the world.

Levin Group  
10 New Plant Court  
Owings Mills, Md. 21117  
(888) 973-0000 or (410) 654-1234  
customerservice@levingroup.com  
www.levingroupimplant.com



with “Implant Tribune” in the subject line. For more information on Levin Group seminars and programs, go to [www.levingroup.com](http://www.levingroup.com).

AD



Roger P. Levin, DDS  
Chairman & CEO, Levin Group, Inc.

# WHEN IT PRODUCES RESULTS

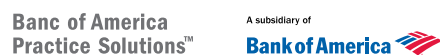
# IT'S NOT A LUXURY

Real results. That's what you want.  
That's what we demand.

Levin Group consulting is more than the proven systems we teach. It's the expertise and dedication that our consultants bring to you. For more than 25 years, we have been dedicated to helping dentists and specialists increase production and profit while lowering stress. In fact, 98% of our clients experience growth within six months of starting our program.

Consulting a luxury? Far from it. Consulting is the most cost effective investment you will ever make in your practice!

**Levin Group is pleased to offer interest free financing\* with Bank of America.**



\* All programs subject to credit approval and loan amounts are subject to creditworthiness. Some restrictions may apply. Banc of America Practice Solutions may prohibit use of an account to pay off or pay down another Bank of America account. Bank of America and Banc of America Practice Solutions are trademarks of Bank of America Corporation. Banc of America, Practice Solutions is a subsidiary of Bank of America Corporation. © 2010 Bank of America Corporation

Copyright© 2010 by Levin Group, Inc.



[www.levingroup.com](http://www.levingroup.com)

elcomed

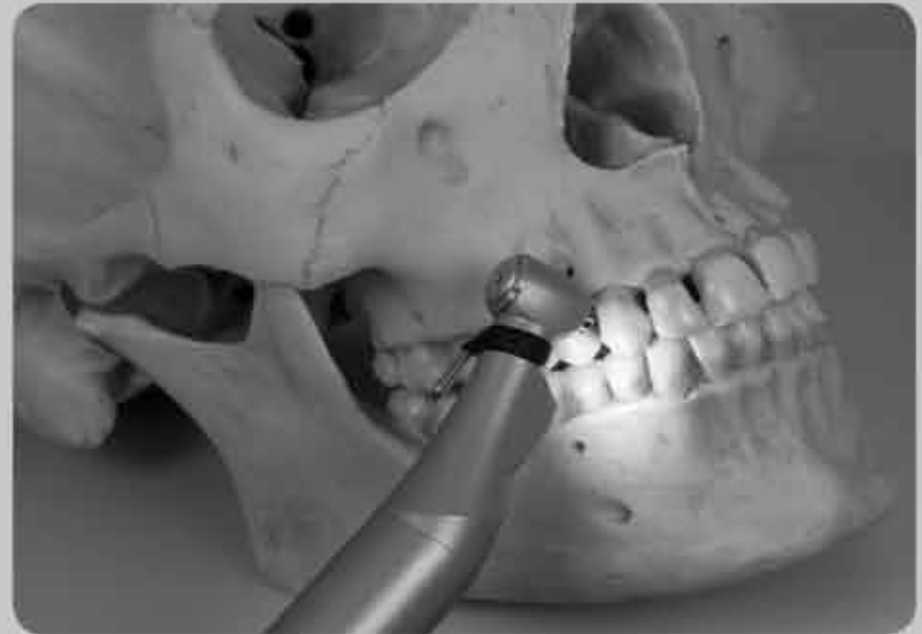
The new Elcomed SA-310 from W&H is a high-quality innovative solution for maxillofacial surgery and implantology.

- Recurring operational procedures are saved as individual programs
- Complete documented applications saved using USB stick, included
- Automatic thread cutter function minimizes compression on the bone



led

W&H Surgical Handpieces with LED light  
 "Why work in darkness when you can LED up your surgical site?"



When it comes to illuminating treatment areas, the future lies in white LED light



Visit our Booth #567 at

AAOMS 92nd Annual Meeting  
 Scientific Sessions and Exhibition, Sep 27 - Oct 2,  
 2010  
 Chicago, IL

10% Discounts when purchasing online using Coupon Code AAOMS10

Also offering bundle deals:

Elcomed SA-310 w/ USB part + LED Contra-angle 20:1

Discounted Price: \$7,266.00  
 You Save \$1,816.00

Elcomed SA-310 w/ USB part + LED Straight 1:1

Discounted Price: \$7,164.00  
 You Save \$1,791.00

Elcomed SA-310 + Anesto™

Discounted Price: \$6,664.00  
 You Save \$1,666.00

ImplantMED SI-915 + Anesto™

Discounted Price: \$3,908.00  
 You Save \$977.00

Offers cannot be combined and they expire on 10/31/10

W&H Products with 1 Year Factory Warranty

anesio

"Why numb the whole mouth when you only need to numb a single tooth?"

- Profound instant anesthesia
- No painful palatal anesthesia necessary
- Single system for all your anesthetic needs
- Positive tactile feedback and metered dosage
- Safe needle disposal system reduces needle stick injury



# Grand Industries signs with Redrock Trading Partners

Grand Industries (dba CK Dental Industries and dba Grand Biologics) has signed an agreement with Redrock Trading Partners, a United States FINRA broker dealer.

Grand Industries has selected Redrock to help seek capital to grow and expand its dental and medical products business. Grand Industries plans to file a Form S-1 and 15c211 to enter the public markets on behalf of investors.

Chuck Keyler, CEO of CK Dental Industries, announced the terms of the agreement: Redrock will act as an "introducing broker" on behalf of Grand Industries to introduce a funding partner. If these introductions result in a successful business transaction, Grand Industries will pay Redrock



(Photo/Provided by stock.xchng)

an introducing fee based on the total funding amount of the transaction.

### About Grand Industries

Grand Industries is a California limited

liability company doing business as CK Dental Industries and Grand Biologics, providing proprietary products to dental and medical customers. These include dental biologics, stem cell,

surgical instrumentation and medical orthopedic products for the health-care industry.

CK Dental Industries is a national leader in providing surgical instrumentation and dental human allografts, synthetic and bovine regenerative products to maxillofacial oral surgeons, periodontists, endodontists and general practitioners. Visit [www.ckdental.net](http://www.ckdental.net).

Grand Biologics offers a complete line of orthopedic grafting products ranging from human bone allografts to soft-tissue allografts. Visit Grand Biologics online at [www.GrandBiologics.com](http://www.GrandBiologics.com).

For additional information or to invest, request a private placement memorandum/prospectus by calling (800) 675-2537.



## Materialise, Dr. Norton to present at EAO

Materialise Dental will present at the European Association for Osseointegration from Oct. 6-9 in Glasgow, United Kingdom.

A personalized SurgiGuide® drill guide ensures accurate and predictable computer-guided surgery and provides the seamless link between a 3-D treatment plan and actual treatment. Reduced surgery time, increased case success rates and esthetic perfection thanks to prosthetic-driven planning and surgery are just a few benefits of guided-implant placement.

Internationally renowned speaker Michael Norton, BDS, FDS, RCS(Ed), will demonstrate how a SurgiGuide can prove valuable in every implant case — from pretty straightforward cases to the more complex ones. SurgiGuide showcases your high standards for safety, efficiency and functional esthetics — and your determination to go even beyond these.

### About Materialise Dental

Materialise Dental: creating a better and healthier world through 3-D digital dentistry. Materialise Dental has always been at the forefront of developing innovative 3-D technology solutions for dental professionals and oral and maxillofacial surgeons. The company strives to offer you the best 3-D diagnostic and (implant) treatment planning tools available on the market.

(Source: Materialise Dental)

## NobelActive™

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; ech. 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.

AD

# NORTH AMERICA

## 1-YEAR MASTER CLINICIAN PROGRAM IN IMPLANT DENTISTRY

REGISTER NOW - COURSES BEGIN NOVEMBER

- Expert Faculty
- Live Surgery
- Case Presentations
- Hands-on
- 17 Days of Classroom
- 350 Total CE Hours



### MAIN PROGRAM OBJECTIVES:



- A proven surgical and restorative implant program combining classroom, live patient, hands-on, case planning plus leading self-study online material
- Learn to perform new and routine implant procedures in minimally-invasive, efficient and cost-effective ways
- Learn advanced esthetic implant therapy, full mouth reconstruction, ridge and sinus bone grafting
- Graduate with 2 world-class Certificates from gIDE Institute and UCLA CED

"I've put a lot of money into my dental practice and taken lots of courses and CE but the single most valuable thing I've done, with highest return on investment, is to take the gIDE Master Clinician Program. I would recommend it to everybody." - Dr. Joe Xantopoulos, Victoria, Australia, Australasia Master Clinician Program 2009-2010



Dr. Sascha Jovanovic  
Chair & Session I-III



Dr. George Perri  
Faculty Session I



Dr. Harel Simon  
Faculty Session II



Dr. Joseph Kan  
Faculty Session III



Dr. Henry Takei  
Faculty Session IV



Dr. Ed McLaren  
Faculty Session IV

Register Online at [gIDEdental.com](http://gIDEdental.com). Contact [info@gIDEdental.com](mailto:info@gIDEdental.com) or Call +1 310 696 9025

**ADA CERP**® | Continuing Education  
Recognition Program

gIDE Institute is an ADA CERP Recognized Provider. ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry. gIDE Institute designates this activity for 350 continuing education credits.

# Osteogenics Biomedical introduces new Pro-fix precision fixation system

Osteogenics Biomedical, manufacturer of Cytoplast® barrier membranes and PTFE suture, announces the addition of a new fixation system, Pro-fix™, to its regenerative portfolio.

The Pro-fix system will include self-drilling membrane fixation screws, self-drilling tenting screws and self-tapping bone fixation screws. The self-drilling membrane fixation screws are immediately available for sale.

The Pro-fix system is a single kit designed to supply and store the variety of fixation screws used in regenerative practices. The Pro-fix system features a locking-taper cruciform drive system that allows easy pickup and safe transport of the screw to the surgical site.

Osteogenics will first introduce membrane fixation screws, which consist of 3 mm self-drilling titanium alloy screws designed to engage bone without the need for a pre-drilled pilot hole. Each screw's aggressive tip design allows for precise membrane placement — even in cortical bone.

Pro-fix is now available for purchase online at [www.osteogenics.com](http://www.osteogenics.com)



Osteogenics Biomedical recently added a new fixation system, Pro-fix, to its regenerative portfolio. (Photo/Provided by Osteogenics Biomedical)

or by calling (888) 796-1925.

Replacement screws and the system's individual components are also available for purchase. Self-drilling tenting screws and self-tapping bone fixation screws will be available this fall. ■

### About Osteogenics Biomedical:

Headquartered in Lubbock, Texas, Osteogenics Biomedical was founded in 1996 and has grown into a leader in the dental bone grafting industry, serving periodontists, oral & maxillo-

facial surgeons and clinicians involved in regenerative and implant dentistry throughout the world. The company's core brands include Cytoplast® barrier membranes, Cytoplast PTFE suture, Pro-fix Precision Fixation System and Osteogenics Clinical Education.

AD

## MEISINGER Not just Surgical Kits...



BBE00 - Benex® -Control



BSPPL - Split-Control Plus



BCR00 - Crest-Control



BTR00 - Transfer-Control

...but a full line manufacturer of  
Diamonds, Carbides, Polishers, Abrasives & Procedural Kits



Abrasives



Kits



Polishers



Diamonds



Carbides



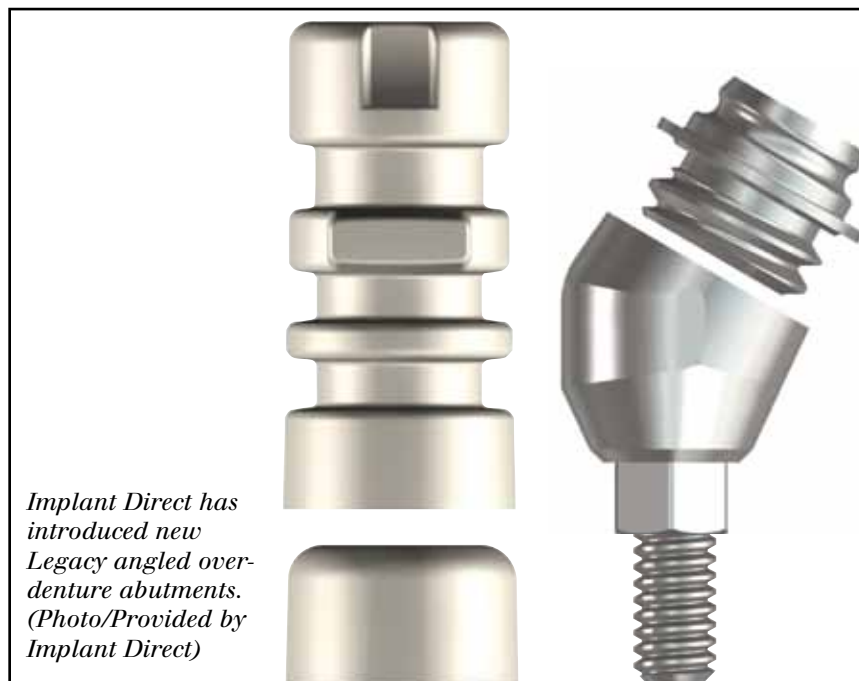
Lab Carbides



Black Cobra



**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)



Implant Direct has introduced new Legacy angled overdenture abutments. (Photo/Provided by Implant Direct)

# New Legacy angled overdenture abutments expand options

New Legacy™ angled overdenture abutments provide unmatched versatility at approximately half the cost of comparable abutments for greater overdenture treatment plan flexibility and case acceptance. Dentists can now choose between 15-degree

or 30-degree angled abutments for use with numerous internal-hex implants industry-wide that range in size from 3.5 mm to 6.0 mm diameters.

As another “simply smarter” solution by Implant Direct, the Legacy angled overdenture abutments’ compatibility with nine implants across the Legacy System allows dentists to treatment plan with an assortment of body types and diameters that utilize a single surgical kit. Simplicity is also evident in the abutment design, which enables dentists to easily seat the abutment screw without comprising the integrity of the oral cavity seal — unlike some current market offerings, according to the company.

In addition to screw-retained prostheses, the angled abutment base may be used with the clinician’s preferred overdenture attachment system when combined with a ball top or a GPS™ abutment top with LOCATOR®-compatible profile (sold separately).

The 15-degree and 30-degree angled abutments are available for both 3.5 mm and 4.5 mm platforms. The All-in-One packaging includes an abutment screw, transfer, screw-receiving top and comfort cap along with the abutment base.

Available in a variety of body designs, all Legacy System implants feature the internal bevel/hex platform developed by Dr. Gerald Niznick in 1986 (US Pat. 4,960,381).

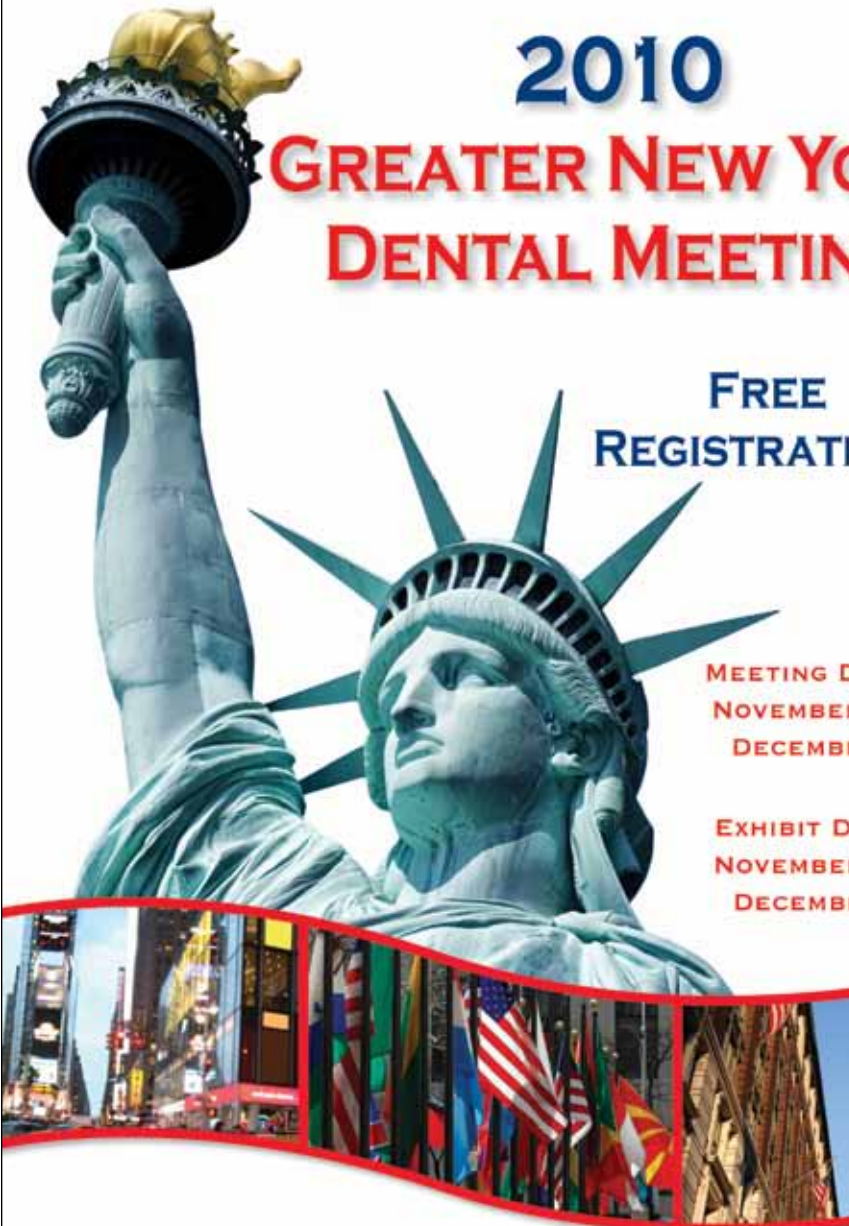
The common prosthetic platform enhances treatment-planning flexibility and color coding simplifies implant identification. While the thread design, aggressiveness of self-tapping grooves, packaging and diameter options vary by implant, all Legacy System implants are designed with Implant Direct’s patented micro-threads for increased stability and double-lead threads for faster insertion.

All-in-One packaging ensures each implant includes a cover screw and 2 mm healing collar. ■

## About Implant Direct Int’l.

Implant Direct Int’l. was founded in 2004 by Dr. Gerald Niznick, who revolutionized the implant industry with his Screw-Vent design. Implant Direct continues that tradition of innovation through its commitment to provide dentists with high-quality implant products at a market-appropriate price. The company releases numerous new product lines and line extensions each year while also continually improving its existing product designs, manufacturing processes and online store. With its unique business model, Implant Direct has quickly become a “simply smarter” choice for any dentist placing implants.

AD



## 2010 GREATER NEW YORK DENTAL MEETING

**FREE  
REGISTRATION\***

**MEETING DATES:  
NOVEMBER 26 -  
DECEMBER 1**

**EXHIBIT DATES:  
NOVEMBER 28 -  
DECEMBER 1**

86<sup>th</sup>  
Annual Session

The  
Largest  
Dental  
Convention/  
Exhibition/  
Congress  
in the  
United  
States

\*Free registration  
before November 26

Please send me more information about...

Attending the Greater New York Dental Meeting

Participating as a guest host and receiving free CE

I speak \_\_\_\_\_ and am willing to assist international guests  
enter language



Name \_\_\_\_\_

Address \_\_\_\_\_

City, State, Zip/Country Code \_\_\_\_\_

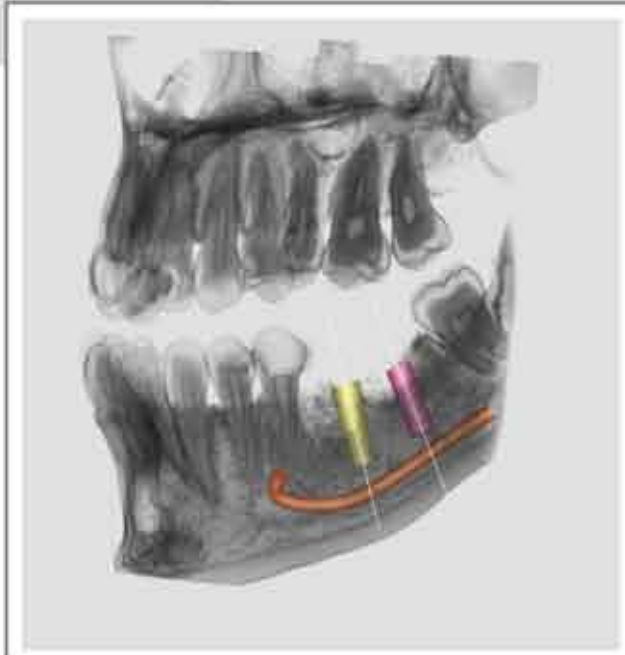
Telephone \_\_\_\_\_ E-mail \_\_\_\_\_

Fax or mail this to:  
Greater New York Dental Meeting or  
visit our website: [www.gnydm.com](http://www.gnydm.com) for more information.

For More Information:  
Greater New York Dental Meeting™  
570 Seventh Avenue - Suite 800  
New York, NY 10018 USA  
Tel: +1 (212) 398-6922  
Fax: +1 (212) 398-6934  
E-mail: [info@gnydm.com](mailto:info@gnydm.com)  
Website: [www.gnydm.com](http://www.gnydm.com)

# Image Quality is Everything!



Industry Leading High Quality **3D Cone Beam** Images Give you:

- The Clearest, Most Detailed & Most Accurate Images Available
- More Accurate & More Precise Diagnosis & Treatment Planning
- Higher Treatment Acceptance Rates = Increased Profitability
- Takes the Guess Work Out of Dentistry

*"When we began looking at cone beam systems, medical CT scans were our gold standard. After several months of evaluating various systems, the PreXion 3D CBCT was the only one that provided us with the same high quality images as a medical CT, with much less radiation. That truly was the deciding factor in our purchase decision."*

**Edward S. Katz, DDS**  
Periodontist, Providence, Rhode Island

**Visit us at the following events:**

- ADA Orlando, Booth #1817
- AAOMS Chicago, Booth #129
- AAID Boston, Sponsor
- AAP Honolulu, Booth #543



**PreXion**

PreXion3D

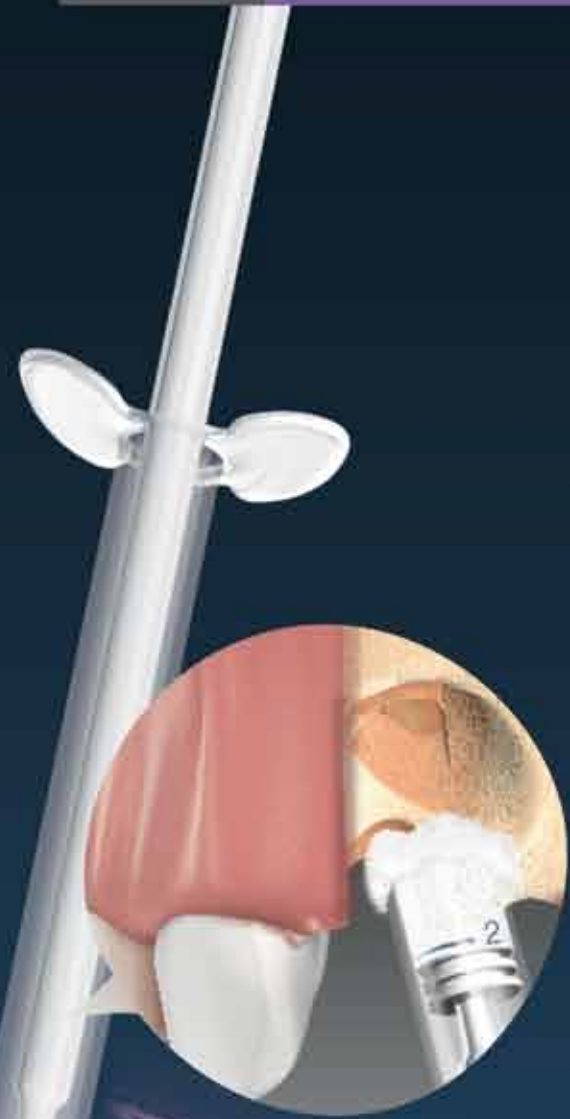
**Contact us today for an in-office demonstration at**  
(650) 212-0300 | [info@prexion.com](mailto:info@prexion.com) | [www.prexion.com](http://www.prexion.com)  
PreXion Inc., 411 Borel Avenue, Suite 550, San Mateo, CA 94402

Quality Leader in 3D CBCT Imaging



## Innovative Bonding Graft Material.

BondBone™ is a resorbable, osteoconductive bone grafting material, taking the best qualities of hemihydrate and dihydrate calcium sulfate and combining them into a unique new product. It can be used on its own, or mixed with other granular bone grafting materials to form a composite that will help to prevent migration of particles and often eliminate the need for a separate barrier. The pliable paste will set in approximately 2-5 minutes, allowing for ample working time.



BondBone. Bonding-Graft Material

© MIS Corporation. All rights Reserved.

Visit us in Chicago  
during the 92<sup>nd</sup> Annual  
AAOMS Meeting

Booth #1103



MIS offers a wide range of implant designs and restorative components, along with innovative kits and accessories for the varied challenges encountered in implant dentistry. To learn more about MIS visit our website: [misimplants.com](http://misimplants.com) or call us: **866-797-1333 (toll-free)**

**mis**<sup>®</sup>  
USA  
Make it Simple