AAP comes to ‘City by the Bay’

The American Academy of Periodontology will host its 100th anniversary annual meeting in San Francisco from Sept. 19–22. The “City by the Bay” will be the site of the 100th year AAP commemoration meeting.

Several popular annual meeting features will be back at this year’s event, taking place at the Moscone West Convention Center. With fanfare in full swing, returning favorites will make you feel at home, such as “Town Square,” Saturday afternoon’s corporate forum and the Dental Hygiene Symposium, facilitated through the California Society of Periodontists.

Program highlights abound, beginning with the opportunity to participate in a half-day pre-meeting workshop on sedation management, complete with “Sim-Man.” Join AAP President Stuart J. Froum, DDS, with your Saturday morning cup of coffee on Sept. 20 as he addresses the membership and looks back on the academy’s first 100 years, including a video tribute to the legends of periodontology.

Then settle in for an "armchair conversation" with Drs. Kenneth Kornman, Myron Nevins and Robert Schallhorn in the opening general session. Now expanded to five hours, the student event — “Brave New World: Transitioning from Classroom to Career” — will cover such topics as insurance needs and how to become an associate. Attendees will be able to discuss a case with a clinician, arriving at a treatment plan. In addition, students can learn the basics of board certification from an ABP director, with the day’s activities culminating in a reception.

On Sunday, celebrate the academy’s centennial with an exciting evening of entertainment and hors d’oeuvres at the headquaters hotel, the San Francisco Marriott Marquis. Before putting on your dancing shoes, make yourself heard at the AAP General Assembly, where results can shape the future of this organization.

Close out this meeting by taking part in a two-day hands-on workshop on dental implant microsurgery, given by Dr. Dennis Shanelec. Occurring at the Interdisciplinary Dental Education Academy campus in Foster City, your registration fee will include use of the facility’s equipment, three nights’ accommodations, shuttle service and all meals.

All of these events and more will be available on the AAP Annual Meeting smartphone app. Look for it in the iTunes App Store, Android Market and BlackBerry App World.

This year marks group’s 100th anniversary

By Sierra Rendon, Managing Editor

The American Academy of Periodontology will host its 100th anniversary annual meeting in San Francisco from Sept. 19–22. The “City by the Bay” will be the site of the 100th year AAP commemoration meeting.

Several popular annual meeting features will be back at this year’s event, taking place at the Moscone West Convention Center. With fanfare in full swing, returning favorites will make you feel at home, such as “Town Square,” Saturday afternoon’s corporate forum and the Dental Hygiene Symposium, facilitated through the California Society of Periodontists.

Program highlights abound, beginning with the opportunity to participate in a half-day pre-meeting workshop on sedation management, complete with “Sim-Man.” Join AAP President Stuart J. Froum, DDS, with your Saturday morning cup of coffee on Sept. 20 as he addresses the membership and looks back on the academy’s first 100 years, including a video tribute to the legends of periodontology.

Tandon to keynote AID

Speaker to discuss the future of biotech and how it relates to implant dentistry

By AID Staff

The American Academy of Implant Dentistry always aims to create the “curve” in implant dentistry. This year’s Annual Implant Dentistry Educational Conference keynote speaker, Nina Tandon, PhD will intrigue, motivate and challenge the current thinking of implant dentistry and more.

In her eye-opening keynote, she will explain the process of growing tissue and transplants and the future of medical science. With the help of manufacturing and information technology, we are on the verge of being able to grow human tissue. Dr. Tandon believes that the era of engineered tissues — for example, a replacement kidney grown in the lab — is just beginning.

In this presentation, she will show how we (and our bodies) have lived through most of history (“Body 1.0”), and then how we evolved into “cyborgs” with implants such as pacemakers and artificial teeth (“Body 2.0”). Now, “Body 3.0” is all about growing our OWN body parts. For her doctoral dissertation research, Tandon grew cardiac cells...
INTRODUCING THE i-CAT FLX MV
Delivering the **image quality and control** you expect from i-CAT

The i-CAT FLX MV (medium field-of-view) Cone Beam 3D solution is perfect for periodontists. Capture high resolution, 3D volumetric images for a more thorough analysis of bone structure as well as sinus and nerve location. The system provides a balance between image quality and dose, including a full dentition scan, with QuickScan+, at a comparable dose to a 2D pan*, useful for progress scans. Our 3D treatment software, Tx STUDIO, helps you map an entire course of treatment from surgical placement of the implant and abutment, all the way to the final restoration. Universally compatible with all leading surgical guide providers, Tx STUDIO gives you the convenient ability to order guides directly through the software.

Visit us at AAP Annual Meeting in Booth #114
for free valuable clinical reports by your peers!

*Utilizing the i-CAT FLX QuickScan+ exposure protocol. Use of lower dosage imaging may only be suitable for certain diagnostic tasks. i-CAT FLX offers a variety of exposure protocols allowing clinicians to adjust dosage to specific diagnostic needs.
that beat like tiny hearts. This research is on the cutting edge of science, where science meets reality.

Tandon works on growing artificial hearts and bones that can be put into the body and studies the new frontier of biotech: homes, textiles and videogames made of cells. Profiled in “Wired” and named one of Fast Company’s “Most Creative People in Business,” she will speak on the future of health care and technology, and biology’s new industrial revolution. Tandon is CEO and co-founder of Epibone, the world’s first company growing living human bones for skeletal reconstruction.

She is the coauthor of “Super Cells: Building with Biology,” a book that explores the new frontier of biotech. She is a TED Senior Fellow. She has a bachelor’s in electrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper Union, a master’s in bioelectrical engineering from the Cooper University.

Tandon spent her early career in telecom at Avaya Labs and transitioned into biomedical engineering via her Fulbright Scholarship in Italy, where she worked on an electronic nose used to “smell” lung cancer. Established in 1951, the AAID is the only dental implant organization that offers credentials recognized by federal and state courts as bona fide. Its membership, which exceeds 4,600, includes general dentists, oral surgeons, periodontists and prosthodontists from across the United States and in 40 other countries.

The AAID Annual Implant Dentist Education Conference will be held Nov. 5-8 in Orlando. Contact AAID at aaid@aaid.com or at (312) 335-1550 or (877) 335-AAID (2243).
Scenes from ICOI Summer Symposium

Jeff Dierks, left, and Ray DeGrazia, center, of i-CAT with Dr. Cornell McCullom III of Chicago at the ICOI Summer Symposium.

Hanah Whitehead and Brooks Buitta stand ready to help visitors at the Nobel Biocare booth.

Dr. Donald A. Tucker of Williamsville, N.Y., left, gets some advice on patient financing from Bryan York at the Springstone booth.

Emiko Ota of Osada talks to attendee Anna Chung.

Inessa Lambros at the Dentium booth.

Blake Baucum, left, and Russ Rowan at the Osteogenics booth.

Meisinger’s Matthew Miller helps attendee Dr. Karen Arakelian of Sherman Oaks, Calif., at the company’s booth.

From left, Brian Banton, Lee Austin, Carl Misch and Darwin Bagley at the Implant Direct booth.

Photos by Anna Kataoka, Implant Tribune
Restoring quality of life

Patients rely on you in order to eat, speak, and smile with confidence. It can be said, you are actually restoring quality of life.

To succeed, you need technology that is well founded and documented in science. That is why we only deliver premium solutions for all phases of implant therapy, which have been extensively tested and clinically proven to provide lifelong function and esthetics.

Moreover, with an open-minded approach, we partner with our customers and offer services that go beyond products, such as educational opportunities and practice development programs.

Reliable solutions and partnership for restoring quality of life—because it matters.

Visit us at booth #601 and #1111 at the American Academy of Periodontology annual meeting to learn more.

Comprehensive solutions for all phases of implant dentistry

Professional and practice development
Digital planning
Regenerative solutions
Implants
Restorations

STEPPS® SIMPLANT® SYMBIOS® ANKYLOS® ATLANTIS™
ASTRA TECH IMPLANT SYSTEM
XiVE®

www.dentsplyimplants.com
The ICOI Summer Symposium brought implant specialists from around the world to the Windy City this August.

Main podium sessions kicked off with a bang, diving headfirst into “Solutions to Malpositioned Implants and Migrating Implants,” presented by Dr. Randolph Resnik, and finishing up with “Avoiding Implant Complications with the Use of 3D Imaging,” presented by Dr. Justin Moody.

In addition, Dr. Aldo Leopardi’s discussed “Prosthetic Management of the Failed Implant Site” and Dr. Charles Goodacre gave his tips on “Determining When to Extract a Tooth and Place an Implant OR Retain a Tooth Through Root Canal Treatment/Periodontal Treatment OR Place a Conventional Fixed Partial Denture.”

Throughout the event, topics covered included treatment planning, surgical and prosthetical complications, treatment of peri-implant diseases, vertical bone augmentation and the legality around implant complications.


In addition to the complete course for clinicians, a 2½-day auxiliary program given by the ADIA and designed by Lynn Mortilla, RDH, included topics such as dental technology and postop implant care, in addition to a variety of certification classes.

Over in the exhibit hall, 70-plus companies offered attendees demonstrations on their latest products and technology.

A few of the highlights included:

- **Ellman International** demonstrated its Surgitron line of advanced radiofrequency (RF) generators. Operating at a frequency of 4.0 MHz, the Surgitron is designed to provide surgical precision and controlled hemostasis for a variety of procedures.

- **i-CAT** showcased its new i-CAT FLX CBCT, featuring award-winning FLX technology and new Tx STUDIO 5.3 treatment-planning software. The i-CAT FLX offers 3-D imaging at a dose lower than a 2-D panoramic X-ray with QuickScan.

- **MIS Implants Technologies** offered the MGUIDE Guided Implantology System, designed to streamline and simplify treatment planning for dental implants.
Renovix®
Guided Healing Collagen Membrane

- Resorbable Porcine Collagen Membrane For Guided Tissue & Bone Regeneration
- Optimal Mechanical & Elastic Handling Characteristics
- Biocompatibility With No Inflammatory Response
- Easily Sutured Or Tacked Over Your Surgical Site
- Easily Cut & Shape To Your Desired Size
- **Compare To Ossix™ Or Bio-Gide®**
  Ossix™ is a registered trademark of Johnson & Johnson
  Bio-Gide® is a registered trademark of Geistlich

Socket Graft Without Primary Closure

Salvin Renovix® + OraGRAFT® Mineralized Cancellous

Grafted Extraction Socket  Renovix® Draped Over Surgical Site  Sutured Without Primary Closure  4 Week Post-Op Mature Tissue Closure  16 Week X-Ray Ideal Bone Formation

Surgery & Photos: Dr. Steve Wisoe, Periodontist, Wilmington, NC

Salvin Renovix® + Mineralized Cortical / Cancellous

Grafted Extraction Socket  Renovix® Placed Double Layer  Sutured Without Primary Closure  16 Week Post-Op Mature Tissue Closure  16 Week X-Ray Ideal Bone Formation

Surgery & Photos: Dr. James Woodyard, Periodontist, Newburgh, IN
AO announces its call for abstracts for annual meeting

By AO Staff

As implant dentistry goes digital, so too will the 2015 Annual Meeting of the Academy of Osseointegration (AO), occurring March 12-14 in San Francisco.

For the first time in the meeting’s 30-year history, the poster presentations of original research and clinical cases of interest in the field of implant dentistry will be displayed on flat-screen TV monitors in the Moscone Convention Center.

“AO’s Annual Meeting provides a forum for clinicians from around the world to learn about evidence-based science and cutting-edge research that will help to shape the future of implant dentistry,” said Dr. Mehrdad Favagahi, chair of AO’s Research Submission Committee. “We are excited to be able to present the research and innovations achieved by our members in this visually appealing and versatile electronic format in 2015.”

AO serves as a nexus where specialists and generalists can come together to evaluate emerging research, technology and techniques, share best practices, and coordinate optimal patient care using timely, evidence-based information. The AO is currently accepting abstract submissions for e-poster presentations in the following categories:

- Scientific research
- Clinical research
- Clinical innovations and case presentations
- Systematic reviews including meta-analysis
- Case studies

AO is also accepting submissions for oral presentations in the following categories:

- Scientific research
- Clinical research
- Clinical innovations

To submit an abstract, AO members should log in to AO’s website, www.osseo.org, and click on the “2015 Annual Meeting Abstract Submission” button. Screen prompts will guide members through the process. All abstracts must be submitted online by 11:59 p.m. (CT) on Sept. 26. There will be a $50 fee for all abstract submissions. Additional information regarding the electronic submission process will be sent in November once the presenter’s abstract has been accepted.

AO’s Research Submissions Committee and the Clinical Innovations Committee will blindly review submitted abstracts for quality and appropriateness of content and presentation. Eight oral-clinical, eight oral-scientific and 20 clinical-innovation abstracts will be selected for presentation at the annual meeting.

During the event’s Annual Business Meeting on Saturday, March 14, cash awards and plaques will be presented for the best oral and poster presentations. The best oral-scientific research and best oral-clinical research presentations will be awarded $1,000, and the best clinical-innovations presenter will receive $500. The first-place e-poster will receive $500, second place $250, and the best case study will receive $500.

If members have questions about the oral or e-poster presentations, they should contact Kim Scroggs, AO Manager of Education, at kims@osseo.org or at (847) 439-1919.

About the Academy of Osseointegration

With 6,000 members in 70 countries around the world, the Academy of Osseointegration is recognized as a premier international association for professionals interested in implant dentistry. AO serves as a nexus where specialists and generalists can come together to evaluate emerging research, technology and techniques, share best practices, and coordinate optimal patient care using timely, evidence-based information. Follow AO on Facebook and Twitter.
Dentium World Symposium
Times Square, New York, NY
October 24~25, 2014

In Addition to Our World Class Speakers Dentium is Proud to Announce:

Two Exciting Opportunities!

POSTGRADUATE RESEARCH SPONSORSHIP
The “Postgraduate Research Sponsorship” is a forum for full-time postgraduate dental students interested in scholarly research in the area of dental implantology and related studies. The purpose of this sponsorship is to stimulate curiosity and encourage students to satiate it through research. Submit your research proposal to win $20,000 in research grant. An additional cash prize will be awarded of up to $2,000.

OPTIMAL CLINICAL CASE REPORT
The “Optimal Clinical Case Report” is a forum for all licensed clinicians who are actively practicing implant dentistry, while utilizing Dentium’s products. The purpose of this project is to recognize excellence and to encourage clinicians to showcase their clinical cases with fellow clinicians. Submit your clinical case data (with a minimum of one year documentation and follow-up) to win up to $7,500 worth of Dentium products.

All selected cases will be published on the Dentium website, newsletter, and submitted for press releases through various dental news providers. All submissions must be received by Tuesday, December 16, 2014. The final results will be announced on Monday, February 16, 2015.

World Class Speakers

Dr. Jaime Lozada
Dr. Stephen Wallace
Dr. Hessam Nowzari
Dr. Frank Taneinelli
Dr. Joseph Kan
Dr. Sung-Min Chung
Dr. Myron Nevins
Dr. David Kim
Dr. Dennis Tarnow
Dr. Georgios Romanos

For more Information, please visit www.dentiumworldsymposium.com Email: seminar@dentiumusa.com Contact: 1-877-304-6752 ext.202
DENTSPLY Implants’ new SYMBIOS offers solutions for regenerative needs

By DENTSPLY Implants Staff

DENTSPLY Implants offers comprehensive solutions for all phases of implant dentistry. SYMBIOS® is a full range of regenerative solutions including bone-harvesting instrumentation, allograft, xenograft and synthetic bone-graft materials and membrane products. This complete product offering helps to deliver predictable clinical efficacy, biocompatibility, ease of use and safety you can rely on.

Partnering with Musculoskeletal Transplant Foundation (MTF) allows us to provide dental allograft solutions of the highest quality. MTF’s industry-leading donor selection criteria standards exceed those set by American Association of Tissue Bank (AATB), FDA and most tissue banks when it comes to screening for cancer, illegal drug use, maximum donor age and a host of other conditions. Their sterility control measures provide for a higher level of safety. All tissue is aseptically processed in ISO 4 (certified) clean rooms, and processes are validated to prevent cross contamination.

As a readily available bone-grafting material, allograft solutions provide a stable framework for regeneration of bone without the morbidity associated with second surgical site.

Specific to dental implant treatment, the sufficient quality and quantity of bone play critical roles in the long-term success of treatment outcomes. In many cases, buildup of missing bone before or at implant placement is essential for establishing a sufficiently dimensioned osseous base for predictable osseointegration and ensured long-term function and esthetics.

SYMBIOS allograft solutions are available in different tissue forms, including demineralized and mineralized particulate and easy-to-apply putty for full flexibility in meeting the needs of each individual case.

SYMBIOS allograft solutions include:

• SYMBIOS Allograft Particulate: Easy to handle and hydrate, SYMBIOS Allograft particulate integrates with natural bone to assist the body in regenerating its own bone by stabilizing the blood clot, maintaining space and providing osteoconduction and osteoinduction.

Available in a variety of options from mineralized cortical and cancellous powder to demineralized cortical powder, SYMBIOS allograft particulates can be used for a wide number of indications including extraction sockets, bone augmentation, periodontal defects and sinus lifts.

— Safe; 100 percent bone particulate
— Easy to handle
— Three-year shelf life
— Convenient, ambient temperature storage

• SYMBIOS DBX® Putty Demineralized Bone Matrix: With 93 percent by volume for the highest demineralized bone content available, SYMBIOS DBX Putty offers exceptional handling characteristics when compared to other DBM products. The high molecular weight of the sodium hyalurate carrier means the material maintains its physical integrity and resists movement under irrigation

• SYMBIOS PerioDerm Acellular Dermis: For predictability in replacing, repairing and reinforcement of damaged and/or inadequate soft tissue. PerioDerm® Acellular Dermis has been shown to support the migration of host cells from wound margins and surrounding tissues. Benefits include:

— Quick rehydration (three–five minutes)
— Freeze-dried (no refrigeration required)
— More than 90 percent thickness consistency for uniform revascularization
— No cross-linking or compromise of the integrity of the dermal matrix

Whatever the clinical need, DENTSPLY recommends you choose SYMBIOS.

For more information, please visit www.dentsplyimplants.com.
No software investment
Live one-on-one web conferencing with a MG CENTER specialist puts you in control of your case through shared screen technology.

Surgical Kits
Innovative keyless instrumentation allows for simple access and versatility for a fully guided procedure.

FOR THE ULTIMATE GUIDED PROCEDURE
MAKE IT SIMPLE

MCG CENTER USA is proud to announce MG GUIDE, our virtual implant planning and guided implantology system designed to enhance simplicity, accuracy and safety. This efficient system combines modern 3D implant planning with an innovative surgical template and unique keyless surgery kit. The result is a simple guided implantology procedure that benefits the clinician and the patient. To learn more, visit our website: www.mcenterusa.com or call us: 866-797-1333 (toll-free)
Because it’s sometimes a tight squeeze:

Visit us at the AAP booth #916 for more information

The surgical contra-angle handpiece with 45° angle head
The new WS-91 and WS-91 LG high-speed surgical contra-angle handpieces feature a 45° angle head. They allow completely new, considerably better access to hard-to-reach operating areas such as in cases of wisdom tooth extraction or apical resection.

Now available from your dental supplier or via wh.com/na
For tight situations when extracting wisdom teeth, here’s how to extend your surgical viewing angle

By W&H Staff

Surgical drive instruments face anatomical limits when extracting wisdom teeth: The cheek obstructs straight handpieces in the case of small mouths, or the distal molar makes burr access difficult for contra-angle handpieces.

In either case, the new surgical contra-angle handpieces from W&H offer an intelligent solution — even for wide apical tooth sectioning.

The dental handpieces WS-91 and WS-91LG combine the advantages of surgical straight and contra-angle handpieces for the first time ever. The extended angle between the shank and burr axis allows good access to the tooth row both buccally and occlusally. Displaced teeth can be comfortably sectioned.

The dentist also has a significantly better view of the surgical site than with the instruments previously available.

Dr. Mario Kirste from Frankfurt/Oder had this to say: “If I turn the contra-angle handpiece head slightly, I can work particularly quickly and safely in the retromolar region. The instrument has the potential to reconcile the contrasting positions taken up by the users of straight and contra-angle handpieces.”

Power plus hygienic safety

The new contra-angle handpieces WS-91/WS-91LG are real powerhouses at the same time. Their transmission ratio of 1:2.7 results in a speed of up to 150,000 revolutions per minute. The key factor, however, is their high power combined with a surgical motor.

The contra-angle handpieces achieve an effective power of more than 2 Ncm on the working part of the burrs, making them almost three times as powerful as standard dental contra-angle handpieces combined with an electric dental motor.

Biologically necessary and hygienically safe cooling is also taken care of: An external triple spray cools the rotating instrument with a sterile saline solution. As with all dental handpieces from W&H, the surface of the new contra-angle handpieces is scratch-resistant and therefore easy to clean. They can also be easily disassembled without tools, according to W&H.

Successful balance

Apical resection is another indication for the contra-angle handpieces WS-91/WS-91LG. The sophisticated geometry ensures excellent vision in cases involving maxillary molars and small mouths. In the WS-91LG, a mini LED+ also illuminates the operating area with daylight quality.

“The new contra-angle handpieces are a really successful balance. This achievement by W&H extends my viewing angle and my options in routine surgery,” Kirste said.

The new surgical contra-angle handpiece WS-91LG. Photo/Provided by W&H
Simply Smarter Surgery
Neck Matched to Major Diameter
- Seals opening at crest of ridge reducing need for bone grafting

Micro-threads and Grooves
- Micro-grooves to improve soft tissue attachment and micro-threads to increase stability and reduce stress in crestal bone area

Cutting Edge of Grooves
Face Clockwise
- Three long grooves for self-tapping insertion

Apical 1/3rd Tapers 2°
- Slight body taper increases initial stability without over-compression and facilitates self-tapping insertion in dense bone

Rounded Apex
- Reduces risk during insertion of implant diverging from path created by drilling and the risk of sinus perforation

AAP Booth #615

All-in-1 Packaging
Includes implant, cover screw, healing collar & new fixture-mount that provides simply accurate impression taking as well as functions as a preparable abutment
- $225 SBM, $250 SBAactive™ surface
NobelActive® Compatible Conical Connection
with Significant Design, Surgical, Packaging and Price Advantages

IQty Impression Technique™
Patent pending fixture-mount design provides:
• The ease of a closed-tray impression
• The accuracy of an open-tray impression
• The versatility to create impression at either implant-level or abutment-level

Simply Smarter Restorations
Matched Concave Transgingival Profile on Abutments & Components
• Shape soft tissue for improved esthetics

Compatible Abutments with Longer Hex/Shorter Bevel
• Reduce the need to confirm seating with X-rays

Two Color-coded Implant Platforms for Four Implant Diameters
• Restore more implants with a smaller prosthetic inventory and easily identify the correct size

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>Nobel Biocare™ Price</th>
<th>Implant Direct Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.2</td>
<td>$227</td>
<td>$120</td>
</tr>
<tr>
<td>3.7</td>
<td>$194</td>
<td>$85</td>
</tr>
<tr>
<td>4.3</td>
<td>$195</td>
<td>$100</td>
</tr>
<tr>
<td>5.0</td>
<td>$232</td>
<td>$100</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Length (mm)</th>
<th>Nobel Biocare™ Price</th>
<th>Implant Direct Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>$223</td>
<td>$60</td>
</tr>
<tr>
<td>8</td>
<td>$223</td>
<td>$40</td>
</tr>
<tr>
<td>10</td>
<td>N/A</td>
<td>$90</td>
</tr>
<tr>
<td>11.5</td>
<td>$235</td>
<td>$100</td>
</tr>
<tr>
<td>13</td>
<td>$281</td>
<td>$120</td>
</tr>
<tr>
<td>16</td>
<td>$281</td>
<td>$161</td>
</tr>
</tbody>
</table>
Implants are making news on a global scale. According to The Wall Street Journal’s Market Watch, the implant market “is mainly driven by the rising edentulous population, increasing adoption of advanced dentistry in the developed countries, increase in disposable incomes and increasing awareness of dental care.”

And while this procedure is growing globally, the report notes, “The North American market is expected to grow at a higher pace than Europe mainly due to lower penetration and the high adoption rate of advanced dentistry.”

While types of materials and implants are evolving in the market, imaging is key to knowing the precise details of the patient’s dentition that can affect a favorable treatment plan. Practitioners can avoid potential surgical complications by checking for root entanglement prior to extractions with automatic nerve canal tracing.

Oral and maxillofacial surgeon Dr. Steven Gutenberg noted that CBCT offers him “the data to evaluate potential implant sites, and confidently develop a treatment plan. I can place implants exactly, avoiding anatomical structures, such as the sinuses and nerves, and I can establish precise angles to fit the implant properly in the available bone. With CBCT, my patients’ confidence grows and so does my confidence to treat them properly and safely.”

In combination with Tx STUDIO® software, clinicians can combine their 3-D images with intraoral scans for a more complete representation of the anatomy and hard and soft tissues to increase accuracy of implant placement and restoration design.

With these proprietary software planning tools, technicians can map an entire course of treatment from surgical placement planning of the implant and abutment all the way to final restoration.

The Explorer tool offers a 3-D view with cross-sectional images of a particular point for more detailed visualization of root fractures, sinuses and pathology. Patients can be more involved in the process with the Video Simulation Tool that can improve understanding and result in greater case acceptance.

To streamline the implant process, an extensive library of implant templates affords best possible selection of suitable implant type, size, location and anatomic conditions.

To facilitate communications with the lab, as well as development of surgical plans, clinicians can choose to import STL files either from digital models or their intraoral scanner and easily register those with their i-CAT 3-D scan in Tx STUDIO software.

This communication with the lab can create the final restorations based on the practitioners’ exact design. Also, i-CAT scan files are universally compatible with all leading surgical guide providers to expand implant planning capabilities.

With all of the implant planning and implementation tools available with i-CAT, an important aspect of the i-CAT system is the emphasis on control over radiation dose.

The i-CAT FLX offers step-by-step guidance for selecting the appropriate scan for each patient at the lowest acceptable radiation dose, as well as full dentition 3-D imaging at a dose comparable to a 2-D panoramic X-ray with QuickScans. 2

Dr. Randolph Resnik said that the low-dose i-CAT scanner produces unparalleled images, which are so crucial in the treatment planning for dental implants. Additionally, the flexibility of these units allows the clinician to collimate and select various fields-of-view, thus drastically reducing the radiation exposure to the patient.

Having experienced the inherent differences in 2D and 3D planning, Dr. John Russo said, “3-D imaging provides safety for my patients and confidence in my diagnosis before developing a surgical treatment plan.”

In the Internet age, where more patients can learn about implants as a treatment option, and imaging can help to guide clinicians from plan to scan to treat, increasing surgical predictability and facilitating precise implant placement — with less bone loss. Cone beam 3-D imaging continues to revolutionize 3-D dental and maxillofacial radiography.

Learn more about i-CAT systems at the AAP meeting in booth No. 114 and CDA in San Francisco in booth No. 2016.

References


How to utilize the MCENTER by MIS

The MIS MCENTER offers custom solutions for both the surgical and restorative aspects of implant dentistry. The MGUIDE and CAD/CAM 360 can take you and the patient from edentulous to temporaries and abutments in a few easy steps.

Beginning with the planning and surgical phase, the MCENTER makes the process simple and affordable. First, the doctor submits digital (DICOM) data and models or impressions of the patient’s mouth. Easy-to-follow instructions to determine the type of information to submit can be found on the MCENTER website www.mcenterusa.com.

MCENTER professionals upload the data into the MGUIDE software, in which the DICOM data and the scanned models (STL files) overlap. Virtual implants are placed in the software in accordance with the patient’s anatomy and the desired outcome. A screen-sharing appointment is then scheduled with the MCENTER professional and the doctor to review, plan and approve the case.

During that screen-sharing appointment, each implant is evaluated in real time and the clinician can have the position of the implant altered. Once the surgical plan is approved by the clinician, a customized surgical stent is designed and manufactured using the latest 3-D printing technology. The surgical stent is packaged with the appropriate implants and usually shipped two days after final approval.

The MGUIDE software is not purchased by the doctor. That immediately brings down the cost of guided surgery. With the MGUIDE system, you pay for each stent on a case-by-case basis (or a multi-case package can be purchased).

Surgeons notice the differences in the MGUIDE surgical stent right away, according to MIS customers. The stent is designed so it clips on the underside of existing teeth to secure it in the proper position. For edentulous cases, the stent rests on the soft tissue and is contoured specifically for each individual case. The stent is then safely secured using either fixation pins or template anchoring screws.

The MCENTER’s surgical stent has a clear and open architecture that offers the ability to access and easily irrigate the osteotomy site without the need for awkward drill guide keys that are used in traditional guided surgery systems.

MCENTER provides a full range of zirconia restorative solutions for dentists and dental labs, as well as custom-milled zirconia abutments, full contour crowns, copings and bridges.

Temporary restorations can be created to be delivered with the surgical stent at the doctor’s request. With state-of-the-art CAD/CAM milling machines and high-quality raw materials, the MCENTER is able to deliver meticulously designed and crafted components to the restorative doctor.

Whether you utilize the MCENTER for your entire case, or just for a portion of it, we believe you will enjoy being part of the team.
IMPLANT EXTRACTION KIT

KEXIM KIT:
- Five extractors of different widths and lengths.
- Counter-torque wrench.

UNIVERSAL EASY TO USE ATRAUMATIC

INDICATED FOR:
- The extraction of malpositioned implants.
- Treatment of peri-implantitis.

PERI-IMPLANTITIS
A NEW APPROACH FOR PREVENTION AND TREATMENT

Author: Dr. Eduardo Anitua

This book aims to transmit to the clinician new guidelines in the management of a pathology of increasing incidence: peri-implantitis. This essay provides a comprehensive discourse of essential prosthodontic aspects and surface characteristics in the etiology and progression of the disease. This book presents basic prosthodontic concepts to gain an excellent hermetic seal, the new concept of de-ossesintegration that goes beyond the current alternatives for the treatment of peri-implantitis.

After implant extraction, the accumulation of dental plaque on the implant surface is observed.

REFERENCES
Think of us as the tooth fairy

(Without the sneaking into your house part)

With Springstone’s affordable payment solutions, it’s easier than ever to find money

Discover the Springstone Patient Financing advantage:

• Higher approval rates so more patients get the treatment they need¹

• Low fixed rates starting at 3.99% APR²

• Plans from 24 to 84 months for greater affordability

Plus save up to 20% a month in practice fees.¹

Call 844-TOOTH80 today

¹Based on findings from an independent research study of Springstone customers conducted by M. Lucier Consulting, July 2012.
²The APR ranges from 3.99% to 17.99%. For example, a loan for $10,000 with an 8.99% APR for 72 months will have a monthly payment of $141. The APR will be determined based on the applicant’s credit at time of application. All loans made by HBT Bank, N.A., Member FDIC, Equal Housing Lender.
³Publicly available data for dental loans as of July 2014.