ITI hosts consensus conference

The International Team for Implantology is holding its annual conference 2013 entitled “Treatment Guidelines and Recommendations of the 5th ITI Consensus Conference” in Bern, Switzerland on April 27. The event will directly follow the fifth ITI Consensus Conference held in Bern from April 23–25.

With the rapid advances in clinical techniques and biomaterials in the field as well as new ideas and different approaches, it is vital for clinicians to be able to access up-to-date information and clinical recommendations. The ITI Consensus Conference offers a scientific evaluation of the latest developments in the field and establishes a series of consensus statements.

Every five years, more than 100 leading clinicians and academicians from all over the world gather for three days of debate during which clinically relevant issues in implant dentistry are reviewed in detail. The resulting statements and guidelines represent a golden standard for the field of implant dentistry and form the basis for the ITI’s Treatment Guide series of publications.

In Bern, five working groups led by Michael Bornstein, Daniel Wismeijer, Dean Morton, German Gallucci and Lisa Heitz-Mayfield will discuss topics in the following areas:
1) Contemporary surgical and radiographic techniques
2) Restorative materials and techniques for implant dentistry
3) Optimizing esthetic outcomes in implant dentistry
4) Loading protocols in implant dentistry
5) Prevention and management of technical and biological complications.

Event takes place in Switzerland every five years, results to be presented at ITI’s annual meeting

Thousands attend AO annual meeting in Tampa

The Academy of Osseointegration hosted 3,070 total attendees at its 28th annual meeting, including 525 international dentists attending from 44 countries.

The emphasis in the scientific program was on achieving quality and leveraging the advantage conferred by the interdisciplinary team approach.

The annual meeting program focused on the future with the theme, “Moving Forward: Evidence, Experience, Excellence.”

Leading off the program was researcher/clinician Lyndon F. Cooper, DDS, PhD, Chapel Hill, N.C., on the topic, “Translating Evidence into Treatment Predictability: What Evidence Do We Have? What Do We Need?” Cooper’s presentation examined the current status of dental implant therapy. His current clinical interests focus on the development of cell based tissue engineering for clinical bone formation and the immediate loading of dental implants.

The program was created by the 2013 Annual Meeting Committee, chaired by Dr. Dean Morton, Louisville, Ky.

Next year’s event will take place in Seattle from March 6–8.
Daniel Buser receives 2013 Nobel Biocare Brånemark Osseointegration Award

Award presented at AO's annual meeting

The Nobel Biocare Brånemark Osseointegration Award is given annually by the Osseointegration Foundation (OF) to honor an individual's impact on implant dentistry in any or all of the foundation's mission categories: research, education and charitable causes. The award involves a selection process by which members of the Osseointegration Foundation's Titanium Society propose distinguished candidates.

Dr. Daniel Buser, professor and chairman at the department of oral surgery at the University of Bern in Switzerland, becomes the sixth recipient of the Nobel Brånemark Osseointegration Award.

Of President Dr. Jonathan H. Orenstein, Marlton, N.J., presented the award March 9 at the end of the Academy of Osseointegration's annual business meeting at the Tampa Convention Center in Florida.

Buser joins the ranks of Professor Brånemark, Drs. William R. Laney and Goerge A. Zarb, and Professors Daniel van Steenberghe and Ulf Lekholm as Nobel Biocare Osseointegration Award honorees. The award is made possible by a grant from Nobel Biocare.

"The foundation is proud to present this award recognizing Prof. Daniel Buser for his outstanding record of leadership in implant dentistry. As a past president of the European Academy of Osseointegration and several academic organizations, he has been in the forefront of leadership in implant dentistry for a generation," Orenstein said.

"The Nobel Biocare Brånemark Osseointegration Award is the highest honor bestowed by the foundation. It is our pleasure to recognize Prof. Daniel Buser for his accomplishments as a leader, teacher, and researcher in the field," he added.

Buser has conducted three sabbaticals, including one at Harvard University in Boston (1989–1993), one at Baylor College of Dentistry in Dallas (1993) and one at the University of Melbourne (2007–2008) in Australia.


He received several scientific awards by professional organizations such as the ITI, the AO, the AAP and the AAOMS. In 2011, he received an Honorary Professorship by the University of Buenos Aires. His main research areas are in tissue regeneration around dental implants, surface technology and guided bone regeneration.

He has authored and co-authored more than 280 publications, and several text books including a GBR book and two ITI Treatment Guides. He widely lectures at national and international conferences.

(Source: Academy of Osseointegration)

Dr. Daniel Buser was awarded the Nobel Biocare Brånemark Osseointegration Award by the Osseointegration Foundation at the Academy of Osseointegration’s annual meeting in Tampa, Fla.
DENTSPLY Implants is the union of two successful and innovative dental implant businesses: DENTSPLY Friadent and Astra Tech Dental.

DENTSPLY Implants offers a comprehensive line of implants, including ANKYLOS®, Astra Tech Implant System™ and XIVE®, digital technologies such as ATLANTIS™ patient-specific abutments, regenerative bone products and professional development programs.

We are dedicated to continuing the tradition of DENTSPLY International, the world leader in dentistry with 110 years of industry experience, by providing high quality and groundbreaking oral healthcare solutions that create value for dental professionals, and allows for predictable and lasting implant treatment outcomes, resulting in enhanced quality of life for patients.

We invite you to join us on our journey to redefine implant dentistry. For more information, visit www.dentsplyimplants.com.
Imaging Sciences debuts new i-CAT FLX

Cone-beam 3-D system optimizes clinical control, ease of use and fast workflow

By Imaging Sciences International staff

Imaging Sciences International is pleased to announce a new addition to the award-winning i-CAT® family of cone-beam 3-D imaging — the i-CAT FLX — an innovative 3-D imaging solution that can help clinicians to quickly diagnose complex problems with less radiation* and develop treatment plans more easily and accurately. This newest system to the i-CAT brand offers 3-D planning and treatment tools for implants and restorations, oral and maxillofacial surgery, orthodontics, plus TMD and airway disorders.

- i-CAT FLX has a range of innovative features that deliver greater clarity, ease-of-use and control.
- Visual iQuity™ image technology provides i-CAT’s clearest 3-D and 2-D images*.
- QuickScan+ allows for a full-dentition 3-D scan at a lower dose than a panoramic image*.
- SmartScan STUDIO’s touchscreen interface and integrated acquisition system yields more control and workflow flexibility by allowing the clinician to easily select the appropriate scan for each patient at the lowest acceptable radiation dose.
- Ergonomic Stability System (ESS) offers seated positioning, robust head stability, and adjustable seating controls to minimize patient movement, thus reducing the need for retakes. ESS also provides wheelchair accessibility.
- i-Collimator electronically adjusts the field-of-view to limit radiation only to the area of scanning interest.
- i-CAT FLX’s small footprint fits easily into any practice.
- i-PAN for traditional 2-D panoramic images

Of course, as with all i-CAT products, the Tx STUDIO™ optimized treatment planning software provides immediate access to integrated treatment tools for implant planning, surgical guides, and other applications.

“We are thrilled to debut the i-CAT FLX — a complete 3-D treatment solution,” said Kalpana Singh, senior product manager for Imaging Sciences International. “Given its high level of control over radiation dose and easy workflow, we know that the i-CAT FLX can benefit dental team members and patients they treat.”

In 2012, Imaging Sciences International celebrated two decades of dedication to dental imaging, developing and manufacturing advanced dental and maxillofacial radiography products including the i-CAT Next Generation™ and i-CAT Precise™ and their exclusive software applications. The i-CAT brand has become among the most trusted 3-D radiographic systems in the dental industry. Now, i-CAT FLX continues this legacy.

About Imaging Sciences International

Serving the dental industry since 1992, Imaging Sciences is at the global forefront in the development and manufacturing of computer-controlled dental and maxillofacial radiography products and internationally recognized by highly regarded dentists and radiologists as one of the most innovative companies in the dental imaging. The i-CAT system offers clinicians enhanced features for highly effective treatment planning and surgical predictability. For more information, visit www.i-CAT.com.
3D imaging for lower dose than a 2D panoramic* is not magic...

...it’s i-CAT®

The new i-CAT FLX is a reality!
This latest advancement of our award-winning technology offers a range of innovative features that deliver increased clarity, ease-of-use, and control. Now with Visual iQuity™ and QuickScan+ technologies, the power of capturing diagnostic 3D images at a lower dose than a 2D panoramic x-ray is in your hands.

Schedule a demo today! Call 1-800-205-3570 or visit www.i-CAT.com

*Utilizing the i-CAT FLX QuickScan+ exposure protocol. Data on file.
Dare to Compare on
Innovation, Quality, Service and Value

SwishPlant™ Implant
All-in-1 Packaging includes implant, straight abutment/transfer, cover screw & healing collar
$200 vs $633² from Zimmer Dental

Legacy™3 Implant
All-in-1 Packaging includes implant, abutment, transfer, cover screw & healing collar
$200 vs $633² from Zimmer Dental

ReActive™ Implant
All-in-1 Packaging includes implant, abutment, transfer & cover screw
$200 vs $718² from Nobel Biocare™

Reality Check
Zimmer Customers
Save $433 with Legacy³

Reality Check
Straumann Customers
Save $337 with SwishPlant

Reality Check
Nobel Customers
Save $518 with ReActive

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

24 CE CREDITS

Implant Dentistry 101: Three-Day Introductory Course
May 16-18 | June 13-15 | July 18-20

16 CE CREDITS

3D Implantology: Two-Day Advanced Course
Featuring Anatomage Passage surgical guide starter software
April 19-20 | August 16-17 | October 18-19

View Dr. Niznick’s 2-Hour Lecture at Las Vegas Training Center & Earn 2 CE Credits FREE
Dr. Gerald Niznick discusses how the latest implant design innovations are shaping the future of implantology.

Introductory Offer: Make the switch & receive three FREE implants.*

*Restrictions apply. See website for details.

Approval PACE Program Provider FASD/MAGD Credit Approval does not imply acceptance by a state or provincial board of dentistry or ASD endorsement.

Provider ID: 20143166897

New
Check out our easy to use mobile app!
Introducing CAD Milled Bars & Abutments

Select from a wide-range of bars and abutments for Implant Direct's popular industry-compatible implant interfaces below. Custom Direct bars are also available for Implant Direct and Nobel Biocare multi-unit, screw-receiving abutments as well as Implant Direct's proprietary 1-piece ScrewDirect® implant. CustomDirect abutments may be fabricated in titanium or one of five different zirconia shades for optimal function and esthetics.

CustomDirect™ bars made using the industry's only robotic and full automation machining centers for unsurpassed precision and efficiency. Select bar design and order online at www.custom-direct.com

- **GPS™ Titanium Bar**
  - for 4-6 implants includes screws plus up to 4 male and female attachments - $995

- **ScrewDirect® Implant**
  - $100 discount for bars fabricated on Implant Direct's ScrewDirect 1-piece implants or multi-unit abutments

- **Hybrid Titanium Bar**
  - for 4-6 implants includes screws - $795

- **Custom Titanium Abutment**
  - Lab designed - $100
  - Implant Direct designed - $130

- **Custom Zirconia/Ti Abutment**
  - Lab designed - $120
  - Implant Direct designed - $150

Joining our full line of industry-compatible prosthetics:

- **RePlant™** Internal Tri-Lobe Connection Compatible with NobelReplace™
- **Legacy™** 45° Conical Hex Connection Compatible with Zimmer, BioHorizons, MIS
- **InterActive™** 70° Conical Hex Connection Compatible with NobelActive™ & NobelReplace CC
- **Swish™** Internal Octagon Connection Compatible with Steinmann’s Tissue Level

---

<table>
<thead>
<tr>
<th></th>
<th>Laboratory Attachment</th>
<th>Straight</th>
<th>Straight Combined</th>
<th>45° Angled</th>
<th>Straight Combined</th>
<th>45° Angled</th>
<th>Zirconia/Ti Abutment</th>
<th>Plastic Transverse Abutment</th>
<th>Ball Abutment</th>
<th>GPS Abutment</th>
<th>Angled GPS Abutment</th>
<th>Multiple-Axis</th>
<th>Adapted, Square &amp; Transverse Angled</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Our price</strong></td>
<td>$85</td>
<td>$100</td>
<td>$100</td>
<td>$120</td>
<td>$120</td>
<td>$120</td>
<td>$40</td>
<td>$112</td>
<td>$100</td>
<td>$120</td>
<td>$100</td>
<td>$120</td>
<td>N/A</td>
</tr>
<tr>
<td>Zimmer Dental®</td>
<td>$162</td>
<td>$220</td>
<td>$210</td>
<td>$220</td>
<td>$220</td>
<td>$220</td>
<td>$67</td>
<td>$189</td>
<td>$160</td>
<td>N/A</td>
<td>$217</td>
<td>$297</td>
<td>N/A</td>
</tr>
<tr>
<td>Straumann®</td>
<td>N/A</td>
<td>$202</td>
<td>$210</td>
<td>$210</td>
<td>$265</td>
<td>$374a</td>
<td>$70</td>
<td>$297</td>
<td>$196</td>
<td>N/A</td>
<td>$191</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Nobel Biocare™</td>
<td>$194</td>
<td>$192</td>
<td>$175</td>
<td>$232</td>
<td>$225</td>
<td>$295</td>
<td>$75</td>
<td>$225</td>
<td>$156</td>
<td>N/A</td>
<td>$236</td>
<td>$282</td>
<td>N/A</td>
</tr>
</tbody>
</table>

www.implantdirect.com | 888-649-6425
By Straumann staff

Straumann — a global leader in implant dentistry offering surgical, regeneration, restorative and digital solutions for the dental and lab business — is a pioneer of innovative technologies. We have won the confidence of our customers with this promise: a strong foundation of scientific and clinical evidence supporting the specialization, reliability and simplicity that define every Straumann solution.

As a pioneer of innovation, Straumann introduces a new implant line — Roxolid® for All.

Roxolid — the first titanium zirconium alloy designed specifically for implant dentistry — launched in 2009, has been implemented in practices all around the country. Initially designed to offer more confidence when placing small-diameter implants and to help increase patient acceptance of implant treatment, the Roxolid Ø3.3 implants were just the beginning.

This month, Roxolid for All expands to all diameters the advanced combination of the Roxolid material, the SLActive® surface technology and the new Loxim™ transfer piece for simplified implant handling. Loxim is a pre-mounted, self-retained transfer piece that offers clockwise and counter-clockwise rotations for one-step implant insertion. With Loxim, the holding key is no longer required to remove the transfer piece, helping to make implant placement more efficient.

The Roxolid material and the SLActive surface technology each received the Frost & Sullivan Medical Device Technology of the Year Award. This award, which recognizes excellence in technological innovation, is one of the Best Practices Awards bestowed by Frost & Sullivan, the global growth consulting company.

In 2005, the SLActive surface technology was noted as a “next generation dental implant surface technology” and in 2009, the Roxolid material was noted as an “innovative high performance material for dental implants.”

Now Straumann includes these two award-winning technologies along with simplified handling with the introduction of Roxolid for All.

What does this mean for you? Roxolid for All with the Loxim transfer piece is designed to provide you with confidence in all cases, the flexibility of more treatment options, help increasing patient acceptance of implant treatment, improved osseointegration properties and efficient implant placement through simplified handling. Three innovations. All diameters. Award-winning technologies.

Today, life expectancy is longer. The scientific advancements in modern medicine along with an individual focus on good health and well-being all contribute to the potential of our life spans. It is important to place an implant you and your patients can trust — and depend on to last. Straumann invites you to try Roxolid for All.

For more information, contact your local Straumann territory manager or call customer service at (800) 448-8168 or visit www.straumann.us.

References

ROXOLID® FOR ALL
THREE INNOVATIONS • ALL DIAMETERS • AWARD WINNING TECHNOLOGIES

- STRENGTH - The Advanced Roxolid® Material
- SURFACE - The SLActive® Technology
- SIMPLICITY - The Loxim™ Transfer Piece

Designed to increase your treatment options and help to increase patient acceptance of implant therapy.

www.straumann.us
800/448 8168
Anatomage to host users event

By Anatomage staff

Anatomage provides award-winning software and industry-leading surgical guides for implant planning. We invite you to join us at our annual users group meeting April 5 and 6 in Napa, Calif., for high-quality training and education. This year, Dr. Michael Sodeifi will be live webcasting a surgery from his private practice in San Francisco. This webcast will provide insight into the surgical protocol for Anatomage Guided Surgery for clinicians who have yet to perform a guided case, for our guided surgery veterans, Sodeifi will also be answering questions regarding the more advanced techniques.

Case debate
The first moderated Anatomage Users Group Debate will feature perspectives from speakers of different clinical backgrounds: an oral surgeon, a general dentist and a periododontist. The debate participants will be given the same case and will deliver opening statements, rebuttals and closing arguments. The focus will be providing the best treatment plan, how to use the Invivo software to assess and present the plan and surgical considerations for the case. The audience can look forward to a discussion encompassing multiple disciplines with the goal of tackling clinical cases with multiple perspectives.

Advanced Invivo Dental
This session is tailored for the very advanced users. Instruction will be focused on techniques to maximize image quality and navigating advanced tools. Users will also be exposed to underutilized tools to improve workflow and increase presentation value.

Anatomage Guide tips
This instruction will be geared toward optimizing workflow in your practice and achieving repeatable surgical success with Anatomage Guide. The trainers will cover commonly made mistakes, potential sources of error and ways to avoid them. Integration with intra-oral scans as well as a brief overview of STL import and registration comparison of several manufacturers will be discussed. Advanced applications such as immediate denture fabrication and bone reduction guide design will be covered as well.

To register for this event, call (408) 885-1474.

New product
Innovative system now available for tissue engineering

By Intra Lock staff

Intra-Lock® International, Inc., Boca Raton, Fla., a U.S. manufacturer, announces the introduction of the Intra-Spin™ System for the safe and rapid preparation of autologous leukocyte-platelet rich fibrin (L-PRF). L-PRF is mixed with autograft and/or allograft bone prior to application to a bony defect for improving handling characteristics. It is indicated but not limited to extraction sockets, sinus and dental ridge augmentation procedures, palatal defects and maxillary bone atrophy.

L-PRF can be easily fabricated chairside by using the FDA cleared Intra-Spin System and a simple protocol. Every component of the IntraSpin System, including the Xpressions™ Fabrication Kit (U.S. Patent Pending), has been optimized to ensure proper bioocompatibility and clinical performance for graft delivery. For more information, please see www.intra-lock.com or call (877) 330-0338.
LOCATOR CHANGED THE OVERDENTURE LANDSCAPE. NOW, OFFER YOUR REFERRALS A TREATMENT OPTION FOR NARROW RIDGES WITH LESS INVASIVE SURGERY AND REDUCED COST.

Introducing the new LOCATOR® Overdenture Implant System (LODI), featuring narrow diameter implants from the makers of the trusted LOCATOR Attachment. LODI is an ideal treatment alternative for the many patients with severe resorption, resulting in very narrow ridges for implant placement. These edentulous patients who are faced with the choice of bone grafting may decline treatment due to additional surgeries or financial reasons. LOCATOR Overdenture Implants may be placed using a minimally invasive, flapless procedure with intuitive instrumentation. The implants are made from strong Titanium Alloy and are designed to provide primary stability when immediate loading is indicated.

Incorporating all of LOCATOR's proven features, including its patented pivoting technology, LODI has remarkable resiliency and exceptional durability, while allowing for replacement of the attachment should wear occur throughout time. The LOCATOR Overdenture Implant System now allows you to treat edentulous patients with the minimum standard of care of an implant overdenture,* at a reduced cost and with greater satisfaction.

Stop turning away overdenture patients with narrow ridges just because they decline bone grafting! Take a look at the LOCATOR Overdenture Implant System and call 1.855.868.LODI (5634) or visit our new website at www.zestanchors.com/LODI/it

* The McGill Consensus Statement on Overdentures, Montreal, Quebec, Canada, May 24-25 2003. ©2013 ZEST Anchors LLC. All rights reserved. ZEST and LOCATOR are registered trademarks of ZEST IP Holdings, LLC.
Implant Tribune U.S. Edition | February 2013

LAS VEGAS NEVADA

May 16-18, 2013 • Bellagio Hotel

The Maxilla: Single Tooth to Full Arch Reconstruction

ICOI’S SPRING SYMPOSIUM

For more information visit our website at www.icoi.org