The American Association of Oral and Maxillofacial Surgeons will return to sunny Honolulu at the Hawaiian Convention Center this Sept. 8–13.

In conjunction with the Japanese Society and Korean Association of Oral and Maxillofacial Surgeons, the AAOMS 96th Annual Meeting will feature a variety of educational and corporate offerings sure to meet every clinician’s needs.

Among the events planned for the annual meeting are:

- Two full-day clinical module programs
- Symposia
- Keynote lecture
- Oral abstract and poster sessions
- CIG programs
- Exhibition

One highlight this year will be a featured session focusing on “Minimally Invasive Cosmetic Facial Surgery.” Brought to you by the CIG on Cosmetics, this course will focus on popular, minimally invasive, office-based facial rejuvenation procedures that can be incorporated into OMS practice. Each treatment addressed will include discussion of clinical indicators, procedural techniques, postoperative considerations, and adverse outcomes and sequelae. Experts in facial and dermatologic cosmetic surgery will present a variety of options for addressing problems with aging skin, facial volume and contour abnormalities. The session will also address the clinical debate on controversial treatment options.

Additionally, this year’s keynote address will feature Beck Weathers, MD, a survivor of the 1996 Mount Everest tragedy. The incredible story of Weathers’ survival has all the elements of a great adventure: heroism; bravery; a successful human struggle against the forces of nature; the surmounting of great physical and psychological challenges; and a triumph of the human spirit. He has come back from his ordeal to speak about his experience and to enlighten attendees with the invaluable lessons he learned, according to AAOMS.

Group hosts its 96th annual meeting this September in conjunction with Japanese, Korean organizations

By Sierra Rendon, Managing Editor

The Hawaiian Convention Center will host the AAOMS 96th Annual Meeting from Sept. 8–13. Photo/Sierra Rendon, Implant Tribune file photo

AAOMS goes to Honolulu

JOI study: Comparison of graft techniques

A variety of methods exist for treating the alveolar ridge prior to oral implant

Success of a dental implant can be affected by the width of the alveolar ridge — an indication of the amount of bone available to hold the implant. A variety of methods exist, each with their own advantages, to determine bone loss and subsequent augmentation techniques. The ridge-split graft is highlighted as a strategy for treating horizontally collapsed alveolar ridges.

In its most recent edition, the Journal of Oral Implantology offers a comparison of two commonly used techniques: the ridge-split and the block bone grafts. The oral surgeon must choose the best technique for bone augmentation based on an assessment of the patient’s condition and the oral surgeon’s own skills and experience.

Diagnosis of alveolar bone should first be assessed visually for width and height and the relationships of teeth to one another and to the dental arch. Radiographic images can distinguish two-dimensional versus three-dimensional bone deficiency. A three-dimensional or volumetric bone evaluation with cone-beam computed tomography allows for precise measurement of the ridge and evaluation of both the cortical and medullary portion of the bone, which are imperative for the stability of the implant.

A 10-point comparison of the two graft techniques, ridge-split and block bone, is offered within the JOI article. Issues discussed include graft resorption, donor and recipient site morbidity, wound closure, buccal soft-tissue flap, immediate or delayed implant insertion and long-term stability of the graft.

Both methods are used primarily for horizontal alveolar ridge augmentation, or bone widening. Block bone grafting is effective for severe anterior atrophy in the upper and lower jaw. However, morbidity at the donor site and later-term graft re-
3D imaging **for lower dose**
than a 2D panoramic*
is not magic...
...it's **i-CAT**

The 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.

See it at the AAOMS Annual Meeting in the i-CAT Booth #514 or visit i-CAT.com

*Data on file.*
**Implant Tribune**

**How to publish with Implant Tribune**

The Implant Tribune is pleased to accept doctor-written case studies, product reviews and clinical articles. For the implant specialist, periodontist, prosthodontist or general dentist interested in placing implants, the Implant Tribune is an excellent monthly resource providing the latest in implant research, news and products. Here is your opportunity to author an article for the Implant Tribune both in print and online. Send your prospective articles up to 850 words (longer submissions may be considered) via Word document to s.rendon@dental-tribune.com.

Accompanying photos should be high resolution (300 dpi JPEGS, preferred) and should include photo captions and credits. Please include with your submission a short (150-word) bio and a high-resolution author image, if available.

Additional publishing opportunities are available for authors wanting to provide more in-depth, didactic articles. For more information, or for any questions or concerns regarding editorial submissions, contact Managing Editor Sierra Rendon at s.rendon@dental-tribune.com.

---

**Corrections**

Implant Tribune strives to maintain the utmost accuracy in its news and clinical reports. If you find a factual error or content that requires clarification, please report the details to Managing Editor Sierra Rendon at s.rendon@dental-tribune.com.

---

**Tell us what you think!**

Do you have general comments or critique you would like to share? Is there a particular topic you would like to see featured in Implant Tribune? Let us know by e-mailing feedback@dental-tribune.com. We look forward to hearing from you! If you would like to make any change to your subscription (name, address or to opt out), please send an e-mail to c.maragh@dental-tribune.com and be sure to include which publication you are referring to. Also, please note that subscription changes can take up to six weeks to process.

---

**Absorption** can occur with this method. Some advantages of the split-ridge procedure include the lack of a donor site and that the buccal flap is not compromised but left attached. A postoperative injury while chewing is less likely with the ridge-split method because the graft is positioned more internally, protecting the area.

While the choice of graft technique must ultimately be decided by the experience and comfort level of the operator, the author asserts that the ridge-split treatment has many advantages and produces a stable graft over time.

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 osteoconductivity 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.

  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 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.
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.

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
Anatomage celebrates 10 years of providing innovative technology

By Anatomage Staff

Anatomage is currently celebrating 10 years of bringing innovative technology to the health-care industry. The company's products have been featured globally in TED, BBC, CBC, Japanese Fuji TV and PBS because of its originality and positive impact.

We at Anatomage believe its avant-garde approach has made it a technical leader, shaping and defining the industry standard. The company is committed to offering high-quality products and services that satisfy its customers.

Anatomage is pleased to present the next level in 3-D cephalometric analysis. Anatomage’s 3D Analysis is fast, simple and accurate. The Anatomage 3D Analysis Module is true 3-D cephalometric tracing and analysis for CBCT. It enables full 3-D landmarks and tracing directly on the 3-D volume. There are many standard 2-D and 3-D cephalometric analyses options included in the library.

Clinicians can create their own custom analysis and build their own norm data. Save time with automatic landmark identification and a volume that automatically rotates to the next tracing task.

For a truly impressive presentation, you can quickly photo-wrap your patient with a traditional 2-D or advanced 3-D camera.

Invivo 5.3 is the latest edition to the InvivoDental software lineage. High-quality visualizations combined with a variety of diagnostic tools have raised Invivo 5 to the top of the global market. This innovative software is used by implantologists, oral surgeons, general dentists, orthodontists and periodontists.

The software opens medical CT, MRI, dental CBCT and many other medical images in the standard DICOM format without the need for file conversions. These medical images are quickly displayed as interactive 3-D volumes for clinical diagnosis and demonstration.

Anatomage will be located in booth No. 839 at AAOMS 2014. Stop by to learn more about the latest editions of Invivo 5 and 3D Analysis.

Implant Direct offers new InterActive system

With the introduction of the InterActive Implant System, Implant Direct’s portfolio of implant solutions featuring simply smarter design and industry compatibility has expanded to include a 12-degree conical connection that is compatible with NobelActive.

This new system with four implant diameters (3.2, 3.7, 4.3, 5.0 mm), six lengths (6, 8, 10, 11.5, 13 and 16 mm) and a range of prosthetic options offers several design advantages to simplify both surgical and restorative procedures.

The InterActive implant design incorporates several features including flat-based buttress threads. A combination of micro-grooves and micro-threads improves tissue attachment and increases stability, which aids in reducing crestal stress. Three long cutting grooves facilitate self-tapping insertion while the rounded apex reduces risk of sinus perforation.

Included in InterActive’s all-in-one packaging is a cover screw, 2 mm extender/healing collar, final abutment fixation screw and a fixture-mount.

References available upon request from the publisher.

Implant Direct offers new InterActive system

With the introduction of the InterActive Implant System, Implant Direct’s portfolio of implant solutions featuring simply smarter design and industry compatibility has expanded to include a 12-degree conical connection that is compatible with NobelActive.

This new system with four implant diameters (3.2, 3.7, 4.3, 5.0 mm), six lengths (6, 8, 10, 11.5, 13 and 16 mm) and a range of prosthetic options offers several design advantages to simplify both surgical and restorative procedures.

The InterActive implant design incorporates several features including flat-based buttress threads. A combination of micro-grooves and micro-threads improves tissue attachment and increases stability, which aids in reducing crestal stress. Three long cutting grooves facilitate self-tapping insertion while the rounded apex reduces risk of sinus perforation.

Included in InterActive’s all-in-one packaging is a cover screw, 2 mm extender/healing collar, final abutment fixation screw and a fixture-mount.

References available upon request from the publisher.
No software investment
Live one-on-one web conferencing with a MCENTER 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
MCENTER USA is proud to announce MGUIDE, 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)
## Symposium Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Lecture</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30 - 10:00</td>
<td>Current Advances in Bone Augmentation</td>
<td>Dr. Craig Misch</td>
</tr>
<tr>
<td></td>
<td>- Horizontal Bone Augmentation</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Vertical Bone Augmentation</td>
<td></td>
</tr>
<tr>
<td>10:00 - 10:30</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>10:30 - 12:00</td>
<td>Clinical Key Points for Successful Immediate Placement &amp; Loading in the Mandible &amp; Maxilla</td>
<td>Dr. Young - Ku Heo</td>
</tr>
<tr>
<td></td>
<td>- How to Place Implants &amp; Get Ideal Initial Stability in Different Types of Bone Density</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Immediate Placement and Immediate Loading</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Flapless Surgery with the Neo Precision Guide</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Live Interaction - Video Study of Various Cases</td>
<td></td>
</tr>
<tr>
<td>12:00 - 13:00</td>
<td>Lunch</td>
<td></td>
</tr>
<tr>
<td>13:00 - 14:30</td>
<td>Minimally Invasive Crestal &amp; Lateral Sinus Approaches</td>
<td>Dr. Kent Hwang</td>
</tr>
<tr>
<td></td>
<td>- No Malleting Sinus Lift Technique (SEA Technique)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- How to Prevent Membrane Tearing During Sinus Lifting</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Step by Step Procedure of SEA Technique</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Safe, Fast &amp; Predictable Lateral Window Opening Technique</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Minimal Incision &amp; Small Window Opening Technique</td>
<td></td>
</tr>
<tr>
<td>14:30 - 15:00</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>15:00 - 16:30</td>
<td>Implant Complications &amp; Their Solutions</td>
<td>Prof. Hom-Lay Wang</td>
</tr>
<tr>
<td></td>
<td>- Etiology of Periimplantitis</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Prevention of Periimplantitis</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Treatment Options of Periimplantitis</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Introduction of NeoBiotech Products for solution of Periimplantitis</td>
<td></td>
</tr>
<tr>
<td>16:30 - 17:30</td>
<td>Contemporary Implant Prosthodontics</td>
<td>Dr. Young - Ku Heo</td>
</tr>
<tr>
<td></td>
<td>- Precision Impression Making</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- All About SCRP</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- CAD/CAM Digital Dentistry</td>
<td></td>
</tr>
</tbody>
</table>

## Symposium Speaker

- **Dr. Craig Misch / USA**
  - Current Advances in Bone Augmentation

- **Dr. Young-Ku Heo / Korea**
  - Clinical Key Points for Successful Immediate Placement & Loading in the Mandible & Maxilla
  - Contemporary Implant Prosthodontics

- **Dr. Kent Hwang / USA**
  - Minimally Invasive Crestal & Lateral Sinus Approaches

- **Prof. Hom-Lay Wang / USA**
  - Implant Complications & Their Solutions
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 sections.

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 155,000 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 burs, 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**
**AAOMS Booth #938**

---

**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 SBActive™ 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 aesthetics

**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

### Diameters (mm)
- 3.2
- 3.7
- 4.3
- 5.0

### Platforms (mm)
- 3.0
- 3.4

### Lengths (mm)
- 6
- 8
- 10
- 11.5
- 13
- 16

### Pricing:
- **Nobel Biocare™**
  - Straight Abutment: $277
  - Laboratory Abutment: $194
  - Straight Contoured: $195
  - 15° Angled Contoured: $232
  - Gold/Plastic: $223
  - Plastic Temporary Abutment: N/A
  - Ball Abutment: N/A
  - Multiple Unit w/Cap & Transfer: N/A

- **Implant Direct**
  - Straight Abutment: $120
  - Laboratory Abutment: $85
  - Straight Contoured: $100
  - 15° Angled Contoured: $100
  - Gold/Plastic: $120
  - Plastic Temporary Abutment: N/A
  - Ball Abutment: N/A
  - Multiple Unit w/Cap & Transfer: N/A

### Savings:
- Nobel Biocare™: $107
- Implant Direct: $109

*General price estimates. Actual prices may vary.*
3D imaging: increasing implant accuracy

By i-CAT Staff

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 on the market, imaging is key to knowing the precise details of the patient’s dentition that can affect a favorable result. i-CAT® FLX™ has gained a reputation for image quality, smooth workflow and low radiation dose.

For planning, i-CAT scans show true anatomy of the dental arcade and high-resolution individual slices for accurate measurement of bone density and alveolar nerve location. Practitioners can avoid potential surgical complications by checking for root entanglement prior to extractions with automatic nerve capture.

Oral and maxillofacial surgeon Dr. Steven Guttenberg 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, with the patient's 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, clinicians can map an entire course of treatment from surgical placement of the implant and abutment all the way to final restoration. Tx STUDIO 3D in conjunction with scans facilitates implant treatment planning of single or multiple implants. 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 angulation prior to surgery.

To facilitate communications with the lab, as well as developing 3-D treatment plans, clinicians can choose to import STL files from either 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 practitioner’s 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 brand is the emphasis on control over the entire course of treatment from surgical placement — with low radiation dose. Cone beam 3-D imaging continues to revolutionize 3-D dental and maxillofacial radiography.

Learn more about i-CAT systems at the AAOMS booth No. 514 and CDA in San Francisco in booth No. 46.

References

How to utilize the MCENTER by MIS

By MIS Staff

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 temporary 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 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.mcentersui.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 undercuts 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.

To expand implant planning capabilities, 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 undercuts 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.

To expand implant planning capabilities, 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 undercuts 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.

To expand implant planning capabilities, 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 undercuts 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 surgical stent has a clear and open architecture that offers the ability to access and expand the osteotomy site without the need for awkward drill guide keys that are used in traditional guided surgery systems. The MGUIDE surgical stent is designed to allow the surgeon to deliver 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.
Because it’s sometimes a tight squeeze:

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.

Visit us at the AAOMS booth # 1308 for more information

Scan the QR code with your mobile telephone for more information on WS-91 LG
We help make your patients happy.
You make them smile.

3 out of 4 practices offering Springstone report our approval rate is as good as or better than “the other guys”

When you offer Springstone Patient Financing to your patients, you’re giving them plenty of reasons to smile. With the widest selection of plan options, from No-Interest Plans to longer Extended Plans up to $40,000, Springstone helps your patients move forward at a price they can afford. And with practice fees up to 20% lower than “the other guys,” you save money too.

For more information, call 800.630.1663 or visit hellospringstone.com

Come to CDA Booth #728 or AAOMS Booth #718

1 No-Interest Plans are no interest if paid in full within the no-interest period. For plan details, visit springstoneplan.com.

2 Based on findings from an independent research study of Springstone customers conducted by M. Lucier Consulting, July 2012.