IMPLANT TRIBUNE
The World’s Dental Implant Newspaper · U.S. Edition

AUGUST 2012 — Vol. 7, No. 8
www.dental-tribune.com

ICOI celebrates its 40th anniversary at World Congress XXIX in Orlando

Titanium implants may carry risk of corrosion

By Dental Tribune International

BIRMINGHAM, U.K.: Titanium medical implants used in dental prostheses and bone-anchored hearing aids may be less robust than commonly believed. Researchers have found evidence to suggest that in environments where there is no significant wear process, microscopic particles of titanium can be found in the surrounding tissue, which may have a negative impact on the devices, as this can potentially be pro-inflammatory.

Globally, more than 1,000 tons of titanium are implanted into patients in the form of biomedical devices every year. Metallic prostheses, fixation and anchoring devices are used extensively for dental, orthopedic and craniofacial rehabilitation and their effects on the body are widely perceived to be predictable following initial implantation.

*See TITANIUM, page C7

**Titanium was first discovered in England in 1791. Today, it occurs mainly in Australia, North America, Malaysia, Russia and Scandinavia.** (Photos/Provided by conceptw and Sergey Shcherbakoff, Shutterstock)
Saturday, Sept. 22
Morning session host: Dr. Rick Ferguson
8 to 9 a.m. — Dr. Bach Le: “Management of the Ailing Implant”
9 to 10 a.m. — Dr. Pablo Galindo: “Bone Level Stability Around Implants Placed in Pristine and Grafted Areas”
10 to 10:30 a.m. — Break with exhibitors
10:30 to 11 a.m. — Dr. Maurice Salama: “Contemporary Reconstructive Hard- and Soft-Tissue Surgery: Myths, Realities and Future Trend in Dentistry”
11:30 a.m. to 12:30 p.m. — Dr. Jeremy Mao: “Regenerative Dental Products: Science Fiction or Reality”
12:30 to 1:30 p.m. — Lunch with exhibitors

Afternoon session host: Dr. Scott Ganz
2:30 to 3:30 p.m. — Dr. Alan Fetner: “Subcrestal Implant Placement to Optimize Soft-Tissue Esthetics — Controversy and Practicality”
3:30 to 3:45 p.m. — Dr. Carl Misch: “Surgical Decision Making in the Atrophic Alveolar Ridge for the Long-Term Esthetic and Functional Outcome”
3:45 to 4:55 p.m. — Dr. Ady Palti: “Soft-Tissue Management for Esthetic Results with Modified Ablations. A New Concept for the Daily Practice”
5:30 to 6:30 p.m. — Dr. Mariano Herrero Clemente: “Surgical Decision Making in Esthetic Implant Dentistry”
6 to 6:30 p.m. — Dr. Konstantinos Valavanis: “Perimplant Tissue Design: Parameters and Key Factors for Optimum Esthetics”
6:30 p.m. — Closing comments, Drs. Jon Suzuki and John Russo

A large number of sponsored pre-congress courses will be offered on Thursday morning, Sept. 20. The event’s Gold Sponsors, DENTSPLY IMPLANTS and MIS, will provide hands-on courses. Dr. Jin Kim, and his sponsor, DENTSPLY, will wow attendees with his course on “Mastering Clinical Digital Photography,” organizers said. Among other things, this course will instruct attendees on mastering the techniques for surgical and cosmetic operative documentation purposes. MIS’s representative, Dr. Amos Yahav, will cover “Bone Augmentation and Ridge Preservation for Implant Placement,” utilizing bone-grafting materials and hard-tissue models for hands-on experience.

Silver Sponsors will also conduct pre-congress courses, starting with Osteogenics and Dr. Michael Pikos, whose topic will be “Extraction Site Management for Implant Reconstruction: Hands-on Workshop.” The hands-on segment will include models for socket grafting, connective tissue grafting and free gingival grafting.

Dr. Dennis Smiller and NUBONE will provide a hands-on workshop on “Solving the Challenges of Bone Graft Success: Successful Grafts with Stem Cells, StemVie Matrix, Growth Factors.” Attendees at this course will receive anatomic take-home models, DVD movies of bone marrow aspiration technique and a sterile sample of StemVie Graft Matrix.

Dr. Carl Misch will discuss “Controversies in Implant Number” for BioHorizons. Attendees at this course will learn the guidelines that determine implant number and the treatment planning for multiple missing teeth. Dr. Louise Al-Faraje will focus on the mini-dental implant phenomenon in his lecture for 3M ESPE on “Small-Diameter Implants for the Modern Implant Practice: Treatment Options and Indication for Fixed and Removable Prostheses.”

Dr. Leonard “Lenny” Linkow will provide a historical examination of and a prognosis for the future of the implant field in his course on “Implant Dentistry: What Was, What Is and What Probably Will Be,” organizers said. Linkow’s course will evaluate where we are today with all materials and techniques, education processes and programs worldwide.

Drs. Michael Toffler and Barry Zweg and Hossen will hold a course on “Sinus Augmentation, Crestal and Lateral Approaches, Challenges and Solutions.” Objectives of this course include understanding new and safer approaches to sinus lifting.

Rounding out this World Congress will be a 1½-day ADA program for the auxiliary staff members. On Thursday and Friday, the event’s main podium will feature Drs. Jon Suzuki, Rick Ferguson, Kathy Ferguson, Carl Misch, Kostas Valavanis and Scott Ganz and Joy Milulis, Emily Duruss, Sean Jaromillo, Laura Jamison and Lynn Mortilla.

As is customary, the event’s last day, Saturday, will be devoted to four simultaneous certification programs for dental hygienists, dental assisting, practice management and implant coordinator training. These courses are always live and always filled, organizers said, so plan to enroll soon.

For more information on this meet, visit ICOI’s web site at www.icoi.org

C2
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AAOMS to host 94th annual meeting at San Diego Convention Center

The American Association of Oral and Maxillofacial Surgeons will head to the San Diego Convention Center, left, for its 94th annual meeting from Sept. 10-15.

Photo/Provided by Timothy Hurley

Rousing topics, a scenic locale and a visit to the ballfield are on tap for this September event

By Sierra Rendon, Managing Editor

The American Association of Oral and Maxillofacial Surgeons will host its 94th annual meeting, scientific sessions and exhibition from Sept. 10-15 at the San Diego Convention Center.

The AAOMS annual meeting attracts more than 3,200 members and more than 5,500 registrants.

Speakers and sessions include Dr. Lyndon F. Cooper speaking on “Graft Solutions for Fixed Prosthetics;” Dr. Edwin A. McGlumphy speaking on “Graftless Solutions With Angled Implants With Hybrid Prostheses;” Dr. Peter Moy on “Graftless Solutions With Angled Implants With Hybrid Prostheses,” and many more.

Educational sessions and the exhibition will take place at the San Diego Convention Center, unless otherwise noted. Business sessions, opening ceremony, welcome reception, some educational sessions and other social functions will take place at the headquarters hotel, the Hilton San Diego Bayfront, unless otherwise specified.

Exhibition hall hours

The AAOMS exhibition hall will be filled with hundreds of exhibitors providing the latest and greatest in implants and related technology.

The schedule for the exhibition hall:
• Thursday, Sept. 13: 9 a.m. – 5 p.m.
• Friday, Sept. 14: 9 a.m. - 5 p.m.
• Saturday, Sept. 15: 9 a.m. - 1 p.m.

President’s event

For one memorable night, Petco Park, home of the San Diego Padres, will be transformed in celebration of the 2012 AAOMS Annual Meeting President’s Event honoring President Arthur C. Jee, DMD, and his wife, Martha. During this event, from 7-10 p.m. Thursday, Sept. 13, at what has been called “the world’s best ballpark in America’s finest city,” you and your guests will party where the players play.

You’ll be able to roam the outfield, take batting practice — even sit in the dugout. Try your hand at inflatable speed pitch, inflatable basketball, or fantasy baseball, which includes batting cage, pitchers, ball shaggers, batting helmets, bats and balls. After working up an appetite, attendees can visit the lavish buffet for which AAOMS President’s Events are justifiably renowned.

Information and registration

For more information on the AAOMS annual session and events, visit www.aaoms.org/annual_meeting/2012/