OSTEOGENICS 2011 GLOBAL BONE GRAFTING SYMPOSIUM

Westin Kierland Resort & Spa :: Scottsdale, Arizona :: April 1 & 2, 2011

Paul Fugazzotto
DDS

Suzanne Caudry
PhD, DDS, MSc

Barry Bartee
DDS, MD

Thomas Wilson, Jr.
DDS

Daniel Cullum
DDS

Sascha Jovanovic
DDS, MS

Istvan Urban
DMD, MD

Paulo Coelho
DDS, PhD

Craig Misch
DDS, MDS

In the era of esthetic implant dentistry, regeneration of hard and soft tissues prior to implant placement has become a routine, yet challenging part of clinical practice. Achieving predictable results depends on the development of an approach to tissue regeneration based on evidence-based decision-making, sound surgical principles and a thorough understanding of the biomaterials involved. The scientific literature pertaining to soft and hard tissue esthetics will be reviewed. A treatment planning approach will be presented that will enable the clinician to select the correct material and surgical technique for a variety of defect types and challenges in implant site development. The use of contemporary materials and techniques will be demonstrated with slides, video and a hands-on workshop. The hands-on workshop will utilize both pig jaws and models to graft several defect types, and will include bone graft materials, resorbable and non-resorbable membranes, fixation system, sutures and surgical instruments.

Bone manipulation can enhance bone quality and improve alveolar dimensions with ridge expansion and/or sinus floor elevation. With ridge expansion (RE) a vascular “bone flap” is developed to restore the functional proportions of the alveolus with simultaneous implant insertion. RE utilizes the healing potential of bone like an extraction site. Recent application of new technologies including: piezosurgery, mechanical expanders and implant designs have simplified treatment of mandibular horizontal deficiencies. Modified osteotome techniques and Contiguous Sinus Floor Elevation offer a minimally invasive approach in the management of moderate horizontal and vertical maxillary defects. Application of bone manipulation, including flap designs, soft tissue augmentation and the prevention of complications will be discussed, and techniques will be practiced in this hands-on workshop utilizing cow ribs, anatomical models, and the necessary equipment and biomaterials to perform these procedures.

This comprehensive workshop on implant placement and hard and soft tissue management features lecture and hands-on components. The program is designed for the surgeon who would like to add and improve procedures to their clinical practice. Workshop topics will include implant placement, extraction site implant placement with socket grafting, GBR procedure with simultaneous implant placement and connective tissue grafting, and sinus lifts. For the hands-on component, two participants will share a work station, and each work station will have a complete lower pig jaw. The following materials will be demonstrated and utilized: tapered implants, resorbable and non-resorbable membranes, bone graft materials, fixation system, a crestal sinus lift kit, and micro surgical hand instruments.

Limited Attendance

Barry Bartee
PhD, DDS, MSc

Suzanne Caudry
DDS, PhD, MSc

Paul Fugazzotto
DDS

Daniel Cullum
DDS

Sascha Jovanovic
DDS, MS

Istvan Urban
DMD, MD

Paulo Coelho
DDS, PhD

Craig Misch
DDS, MDS
### Friday Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Instructor(s)</th>
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</thead>
<tbody>
<tr>
<td>7:00 – 8:00</td>
<td>Registration &amp; Breakfast</td>
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<tr>
<td>8:00 – 9:30</td>
<td>Maximizing Bone Grafting Treatment Outcomes: Technical Considerations and Material Selection</td>
<td>Dr. Paul Fugazzotto</td>
</tr>
<tr>
<td>9:30 – 10:00</td>
<td>Break</td>
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<tr>
<td>10:00 – 11:30</td>
<td>Creating the Ideal Vertical and Horizontal Dimensions for Implant Site Development</td>
<td>Dr. Suzanne Caudry</td>
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<tr>
<td>11:30 – 12:30</td>
<td>Lunch</td>
<td></td>
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<tr>
<td>12:30 – 1:30</td>
<td>Interactive Treatment Planning Session</td>
<td>Dr. Barry Bartee, Dr. Tom Wilson &amp; panel discussion</td>
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<tr>
<td>1:30 – 3:00</td>
<td>Advanced Esthetic Tissue Management</td>
<td>Dr. Dan Cullum</td>
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<tr>
<td>3:00 – 3:30</td>
<td>Break</td>
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<tr>
<td>3:30 – 5:00</td>
<td>Horizontal and Vertical Ridge Augmentation Using GBR, Autograft, Bone Substitutes, and Growth Factors</td>
<td>Dr. Sascha Jovanovic</td>
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<tr>
<td>5:00 – 7:30</td>
<td>Cocktail reception</td>
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### Saturday Schedule

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>7:00 – 8:00</td>
<td>Breakfast</td>
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<tr>
<td>8:00 – 9:30</td>
<td>New Perspectives on Vertical and Horizontal Augmentation Utilizing GBR</td>
<td>Dr. Istvan Urban</td>
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<tr>
<td>9:30 – 10:00</td>
<td>Break</td>
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<tr>
<td>10:00 – 10:45</td>
<td>Research Update</td>
<td>Dr. Paulo Coelho</td>
</tr>
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<td>11:45 – 12:45</td>
<td>Lunch</td>
<td></td>
</tr>
<tr>
<td>12:45 – 3:00</td>
<td>Trends in Bone Augmentation: Is Autogenous Bone Still the Gold Standard?</td>
<td>Dr. Craig Misch</td>
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**Osteogenics Biomedical designates this activity for 14 continuing education credits.**

**Learning objectives:**

- Improve comprehensive treatment planning skills with emphasis on achieving natural esthetics
- Integrate the latest technologies, materials and techniques into the treatment planning process
- Critically evaluate the available evidence relative to various grafting and augmentation techniques

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**Osteogenics 2011 Global Bone Grafting Symposium**

### Speakers

**Paul Fugazzotto, DDS**

Dr. Paul Fugazzotto received his DDS from New York University and a certificate in advanced graduate studies in periodontology from Boston University. Since that time, Dr. Fugazzotto has maintained a private practice in periodontics and implant therapy in Milton, MA. Dr. Fugazzotto has authored or co-authored over 80 articles in refereed scientific journals, as well as authoring a monograph entitled *Guided Tissue Regeneration: Maximizing Clinical Results*, and two textbooks entitled *Preparation of the Periodontium for Restorative Dentistry*, and *Decision Making in Regenerative and Implant Therapies*. Dr. Fugazzotto is an active member of many organizations, and is a fellow of the International Team of Implantology. Dr. Fugazzotto is Senior Editor of *Implant Realities* and is the US ITI Study Club Coordinator. Dr. Fugazzotto lectures nationally and internationally on a multitude of topics.

**Suzanne Caudry, PhD, DDS, MSc**

Dr. Suzanne Caudry received her PhD with honors in molecular biology from La Trobe University in Melbourne, Australia before going to McGill University in Montreal, Canada where she received her DDS with honors. Dr. Caudry received her MSc in oral biology and her diploma in periodontology from the University of Toronto. Dr. Caudry maintains a private practice in Toronto with an emphasis on implant surgery, periodontics and sedation. She teaches implant surgery to the graduate periodontal students at the University of Toronto and runs the Caudry Training Center for dental continuing education. Maintaining the spirit of her scientific research background, Dr. Caudry has authored numerous papers and is currently lead investigator of three ongoing clinical studies into dental implants and related topics.

**Barry Bartee, DDS, MD**

Dr. Barry Bartee is a graduate of Baylor College of Dentistry in Dallas, TX and Texas Tech University Health Sciences Center School of Medicine. He currently practices general dentistry with a special interest in implant dentistry in Lubbock, TX. Dr. Bartee has a special interest in alveolar bone regeneration, and has authored numerous scientific articles on this and other topics related to implant dentistry. He holds two U.S. patents related to bone preservation following tooth extraction, and has lectured nationally and internationally on this topic. Dr. Bartee is an Assistant Clinical Professor, Department of Surgery, at Texas Tech School of Medicine and is an adjunct Clinical Professor at Texas A&M – Baylor College of Dentistry. Dr. Bartee is a Diplomate of the American Board of Oral Implantology and serves as a board examiner. He currently serves on the Editorial Board of the Journal of Oral Implantology.

**Thomas Wilson, Jr., DDS**

Dr. Thomas Wilson, Jr. received his DDS degree from the University of Tennessee School of Dentistry and his certificate in periodontics from the University of Washington Graduate School of Dentistry. Dr. Wilson maintains a full-time private practice limited to periodontics in Dallas, TX. Dr. Wilson is a Diplomate of the American Board of Periodontology. He serves as a Clinical Associate Professor at the University of Texas at San Antonio Dental School and Baylor College of Dentistry. Dr. Wilson has lectured extensively on a national and international level and is the author of a number of professional publications. He is also author of three textbooks, include *Dental Maintenance for Patients with Periodontal Diseases*, *ITI Dental Implants: Planning, Placement, Restoration, and Maintenance*, and *Periodontal Regeneration Enhanced*, and an editor and contributor to the books *Advances in Periodontics and Fundamentals of Periodontics*. In addition, Dr. Wilson is formally Editor in Chief of Quintessence International as well as Associate Editor of the *Journal of Periodontology* and serves as a reviewer for a number of professional journals.
**Daniel Cullum, DDS**

Dr. Cullum completed his DDS with distinction at the University of Alberta, Canada and residency training at Westchester Medical Center, New York. He is a Diplomate of the American Board of Oral and Maxillofacial Surgery. Dr. Cullum speaks internationally and has contributed publications and textbook chapters on implant reconstruction. He has served in leadership roles with the American Association of Oral and Maxillofacial Surgeons (Dental Implant Sub-Committee), Academy of Osseointegration (Newsletter Committee), Kootenai Medical Center (Chairman, Department of Surgery) and at state and local societies. Dr. Cullum founded Implants Northwest LIVE, a learning center focused on live training for surgeon-restorative teams and surgical specialists. At Implants Northwest (Coeur d’Alene, ID), he practices Oral and Maxillofacial Surgery with emphasis on minimally invasive techniques in esthetic implant reconstruction including bone manipulation and immediate and comprehensive management.

**Sascha Jovanovic, DDS, MS**

Dr. Sascha Jovanovic received his DDS from the University of Amsterdam and both his certificate in periodontics and MS in Oral Biology from UCLA. He formally trained in Implant Dentistry at Loma Linda University and in Prosthodontics at the University of Aachen in Germany. Dr. Jovanovic is currently Lecturer and Course Director in Implant Dentistry at UCLA Continuing Dental Education where he restricts his patient care and research to dental implant therapy and bone and soft tissue reconstruction. He has published 63 articles and book chapters, as well as a textbook titled *Color Atlas of Implantology*. Dr. Jovanovic serves on several editorial boards for scientific journals and is Editor-in-Chief of *Implant Tribune*. He is the past-president of the European Association for Osseointegration. Dr. Jovanovic is Chairman & Founder of the gIDE Institute, an online dental education company.

**Istvan Urban, DMD, MD**

Dr. Istvan Urban received his DMD degree and subsequently his MD degree from Semmelweis University School of Medicine and Dentistry. He completed a residency program in oral surgery at St. Istvan Hospital in Budapest, Hungary. He completed his internship program in Periodontics at UCLA. After he graduated from the Fellowship Program in Implant Dentistry at Loma Linda University, he was appointed assistant professor the following year. Dr. Urban teaches implant dentistry in the graduate program at Loma Linda, and he holds an active license in the state of California. He maintains a private practice in Budapest, Hungary. Currently, he is conducting several clinical studies about the success of bone augmentation procedures and the long-term success rates of dental implants placed in regenerated bone. Dr. Urban is an invited speaker internationally in the field of Implant Dentistry.

**Paulo Coelho, DDS, PhD**

Dr. Paulo Coelho completed his DDS from Pontificia Universidade Católica do Paraná in Brazil. From the University of Alabama at Birmingham, Dr. Coelho completed his MS in Biomaterials, MS in Materials Engineering, and PhD from the department of Materials Science and Engineering. At New York University College of Dentistry, he is Assistant Professor of Biomaterials and Biomimetics, Adjunct Professor of the Graduate School of Arts and Science, and Research Scientist at the Department of Biomaterials and Biomimetics. Dr. Coelho has authored or co-authored over 70 peer-reviewed publications, 6 book chapters, and over 120 conference abstracts related to his research. He has received multiple awards and honors related to his research, and he lectures extensively throughout the world. In addition, Dr. Coelho serves as an editorial board member, editor or manuscript reviewer for 30 different journals and publications.

**Craig Misch, DDS, MDS**

Dr. Craig Misch received his DDS from the University of Michigan School of Dentistry. He received postgraduate certificates in prosthodontics and oral implantology as well as a Master of Dental Science degree from the University of Pittsburgh. Dr. Misch acted as Co-Director of the University of Pittsburgh Oral Implantology Center until he entered specialty training in oral and maxillofacial surgery. He completed this residency in 1999 and is a Diplomate of the American Board of Oral and Maxillofacial Surgery. He currently practices as a dual specialist in Sarasota, Florida. Dr. Misch is a Clinical Associate Professor at New York University in the Department of Implant Dentistry. He also has faculty appointments at the University of Pittsburgh and the University of Florida. Dr. Misch is a member of the editorial boards of *Implant Dentistry* and the *International Journal of Oral and Maxillofacial Implants*. He has published and lectured extensively on the topics of reconstructive surgery, bone grafting, implant surgery and prosthodontics.
Optional Hands-on Workshops
Thursday, March 31st, 2011

Clinical Guidelines and Surgical Techniques for Hard & Soft Tissue Grafting in Implant Site Development
1:00 PM – 5:00 PM | Dr. Suzanne Caudry
Fee: $695 | Osteogenics Biomedical designates this activity for 4 continuing education credits.
Limited Attendance

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Bone Manipulation in Implant Reconstruction
1:00 PM – 5:00 PM | Dr. Dan Cullum
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Optimal Implant Placement & Bone and Soft Tissue Grafting
1:00 PM – 5:00 PM | Dr. Sascha Jovanovic
Fee: $695 | Osteogenics Biomedical designates this activity for 4 continuing education credits.
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Registration

Register by March 1, 2011 (nonrefundable after March 1, 2011)

$795 :: April 1st & 2nd, 2-day symposium
Assistants and office personnel are welcome at $350/person

$695 :: March 31st, Hands-on Workshop

Call Laura Wood at 1.888.796.1923 or visit www.osteogenics.com/courses to register.

Hotel Reservation

Westin Kierland Resort & Spa :: Scottsdale, AZ

Group Rate of $239 a night. Call 1.480.624.1000. Register under "Osteogenics".

Visit www.kierlandresort.com for info on the Resort and Local Activities.

For more information, call 1.888.796.1923 or visit www.osteogenics.com/courses