ICOI World Congress XXXIII

Bone, Collagen, & Nature –

Altering the Base for Dental Implants

Barcelona, Spain ~ March 31 – April 2, 2016

Barcelona International Convention Centre

Main Podium Speakers

Scientific References/Citations

Dr. Jaime Jimenez - Digital Implant Dentistry: Indications and Limitations. Is it Helpful? When and How?


Prof. Hugo De Bruyn - Dental Implant Solutions Dealing with Reduced Bone Volume, Hampered Bone Morphology or Peri-implantitis Prone Risk Patients


Prof. Nabil Barakat - Implants and Orthodontics: A Symbiotic Partnership

• Chapter 15, Implant and Orthodontics; A Symbiotic Partnership, Barakat Nabil et al
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Prof. Dr. Reinhard Gruber - The Biology of Bone Grafts: History and New Aspects
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• Peng J, Nemec M, Broese E, Bosshardt DD, Schaller B, Buser D, Gruber R.
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• Gruber R: Basic principles of sinus augmentation, in Watzek G; Percrestal sinus
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Dr. Matteo Chiapasco - Dental Implants in the Atrophic Maxilla: A Comprehensive
Management from Single Edentulism to Fully Edentulous Cases
• Chiapasco M, Casentini P, Zaniboni M: Bone augmentation procedures in implant
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• Pjetursson BE, Tan WC, Zwahlen M, Lang NP. A systematic review of the success of
sinus floor elevation and survival of implants inserted in combination with sinus floor
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and delayed dental implants for the rehabilitation of extremely atrophied maxillae: a 1 to
9-year clinical follow-up study on humans. Clinical Oral Implants Research (ISSN 0905-
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Dr. Zeev Ormianer - The Consequence of Implant Macro-Structure and Insertion Torque on
Implant Supported Restorations Design and Function
• Z. Ormianer, A. Ben-Amar, M. Duda, S. Marku-Cohen, I. Lewinstein. Stress and strain
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and loading on mandibular bone remodeling: a finite element study. Int J Oral Maxillofac
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Dr. Guido Sarnachiaro - Immediate Implant Placement in the Esthetic Zone: Management of
Type 1 Sockets vs Type 2 Socket
• Immediate Implant Placement into Extraction Sockets with Labial Plate Dehiscence
Defects: A Clinical Case Series. Sarnachiaro GO, Chu SJ, Sarnachiaro E, Gotta SL.
Tarnow DP. Clin Implant Dent Relat Res. 2015 Apr 27


Prof. Dr. Urs Belser - Implant Esthetics - From Expectations to Reality


Dr. Vivianne Chappuis - Regeneration of the Bone and Soft Tissue Architecture Following Tooth Extraction in the Esthetic Zone of Implant Patients


Dr. Marius Steigmann - Prevention and Treatment of Soft Tissue Failures in Complex Esthetic Cases

• Aesthetic Buccal Flap Design for Correction of Buccal Fenestration Defects (Pract Proced Aesthet Dent 2008, 20(8)) 487-493


Prof. Tord Berglundh - Peri-implantitis: A Major Challenge in Implant Dentistry


Dr. Scott Ganz - Advances in Diagnostic, Surgical, and Restorative Protocols for Bone Grafting, and Implant Procedures


Dr. Lyndon Cooper - A Data Driven Approach to Single Tooth Esthetics; A 10 year Journey


Dr. Hom-Lay Wang - *Implant Positioning for Implant Long-term Stability*


Dr. Fred Bergmann – *Multiple Treatment Options and Prosthetic Concepts for the Edentulous and Atrophied Alveolar Ridge*


Dr. Luca Cordaro – *How Technical Innovations Influence our Treatment Plan*


**Dr. Irena Sailer - The Digital Era - New Technologies, New Materials, Unlimited Options**

• Sailer I, et al. 2015 Dent Mater 31:603-623
• Pjetursson B, et al. 2015 Dent Mater 31: 624-639

**Prof. Joao Carames - Full Arch Rehabilitation of Severely Compromised Maxilla and Mandible: Surgical and Prosthetic Solutions for Predictable Results**

• Esposito MI, Worthington HV. Interventions for replacing missing teeth: dental implants in zygomatic bone for the rehabilitation of the severely deficient edentulous maxilla. Cochrane Database Systematic Review. 2013 Sep 5;9:CD004151.

**Prof. Christer DahlIn - Current Trends in Guided Bone Regeneration**


**Dr. F. Javier Gil Mur - New Strategies for the Development of Dental Implants with Antimicrobial Properties and Enhanced Osseointegration**

• Antifouling coatings for dental implants: Polyethylene glycol-like coatings on titanium by plasma polymerization
• “Implant-abutment connections: influence of the design on the microgap and their fatigue and fracture behavior of dental implants”. Journal of Materials Science:materials in


Covalent immobilization of hLf1-11 peptide on a titanium surface reduces bacterial adhesion and biofilm formation.


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Dr. Mauricio Araujo - Management of the Alveolar Socket


Prof. Dr. Georgios Romanos - *Long Term Success of Immediately Loaded Implants Placed in Different Bone Qualities and Quantities*