

## **ICOI Winter Implant Symposium**

**New Orleans, Louisiana ~ February 20-22, 2025**

**New Orleans Marriott**

### **Scientific References/Citations**

#### Young Implantologists:

Dr. Benedetta Grassi – “Treatment of Infected Maxillary Sinus Augmentation”

- Urban, I. A., & Lozada, J. L. (2000). A prospective study of complications associated with sinus augmentation. *The International Journal of Oral & Maxillofacial Implants*, 15(3), 377-382.
- Peleg, M., & Garg, A. K. (2004). Sinus floor augmentation with simultaneous implant placement in the severely atrophic maxilla: a retrospective study of 110 consecutive cases. *Journal of Periodontology*, 75(4), 512–519.
- Rosen, P. S., Summers, R., Mellado, J. R., Salkin, L. M., Shanaman, R. H., Marks, M. H., & Fugazzotto, P. A. (1999). The bone-added osteotome sinus floor elevation technique: Multicenter retrospective report of consecutively treated patients. *The International Journal of Oral & Maxillofacial Implants*, 14(6), 853–858.

Dr. Jonathan Misch - “The Crucial Role of Limiting Marginal Bone Loss in Preventing Peri-Implantitis”

- Evaluation of the combined effect of abutment height and restoration emergence angle on the progression of peri-implant bone loss: A retrospective analysis - Misch et al. 2024 (submitted for publication)
- Prosthetic PASS Principles for Predictable Peri-implant Hard and Soft Tissue Stability - Misch et al. 2024 (Submitted for publication)
- The Prosthetic–Biologic Connection and Its Influence on Peri-implant Health: An Overview of the Current Evidence - Saleh et al. 2022
- 

Dr. Angela Vida Kalaw - “Splinting of Implant and Natural Tooth to Treat Cleft Palate Patient - A Case Report”

- Al-Omiri MK, Al-Masri M, Alhijawi MM, Lynch E. Combined Implant and Tooth Support: An Up-to-Date Comprehensive Overview. *Int J Dent*. 2017;2017:6024565.
- Becker CM, Kaiser DA, Jones JD. Guidelines for splinting implants. *J Prosthet Dent*. 2000 Aug;84(2):210-4.

- Ting M, Faulkner RJ, Donatelli DP, Suzuki JB. Tooth-to-Implant-Supported Fixed Partial Denture: A Comprehensive Overview of Systematic Reviews. *Implant Dent.* 2019 Oct;28(5):490-499

Dr. Salar Zeinali Gelabi - “Treatment Planning and Managing Mandibular Incisors”

- Relationship Between the Interproximal Distance of Roots and the Prevalence of Intra-bony Pockets. H Tal. *JOP* 1984
- Treatment options for the replacement of missing mandibular incisors. Jeffrey D Fleigel 3<sup>rd</sup> 1, Cade A Salmon, James M Piper 2<sup>nd</sup>. *J Prosthodont.* 2011 Jul;20(5): 414-20
- A 3-year prospective cohort study on mandibular anterior cantilever restorations associated with screw-retained implant-supported prosthesis: An in vivo study. Vizaikumar Vasudha Nelluri. *J Indian Prosthodont Soc.* 2021 Apr-Jun; 21(2): 150-160

Dr. Marco Vinattieri Amelotti - “Treatment Options for the Posterior Mandible in the Elderly Population”

- Froum SJ, Kadi RO, Wangsrimongkol B, Hengjeerajaras P, Reis N, Yu YCP, Cho SC. The custom alveolar ridge splitting (CARS) technique for predictable horizontal ridge augmentation in the atrophic anterior maxilla – A retrospective case series study. Accepted for publication in *IJPRD* 2020
- Daroz SR, Cardoso ES, Manso MC, Vidigal GM. Evaluation of bone width lateral to the mandibular canal as an alternative approach for implant installation *Implant Dent.* 2013 Feb;22(1):97-101.doi: 10.1097/ID.0b013e31827e8640.
- Esposito M, Grusovin MG, Felice P, Karatzopoulos G, Worthington HV, Coulthard P. The efficacy of horizontal and vertical bone augmentation procedures for dental implants-a Cochrane systematic review. *Eur J Oral Implantol.* 2009 Sep 1; 2(3): 167-184.

Dr. Vasile Caia - “One Day Implant”

- Han CH, Mangano F, Mortellaro C, Park KB. Immediate Loading of Tapered Implants Placed in Postextraction Sockets and Healed Sites. *J Craniofac Surg.* 2016 Jul;27(5):1220-7. doi: 10.1097/SCS.0000000000002756. PMID: 27391493.
- The Implant Ninja All-on-X Handbook, A No-Nonsense Clinical Guide by Dr. Ivan Chicchon, Second Edition
- Millesi, Werner & Busenlechner, Dieter & Fürhauser, Rudolf & Haas, Robert & Mailath-Pokorny, Georg & Pommer, Bernhard. (2018). *New teeth in one day:*

Immediate implant replacement of a single tooth using the copy-abutment technique. Hamdan Medical Journal. 11. 46. 10.4103/HMJ.HMJ\_33\_18.

Dr. Dai Lao Rodriguez - “Esthetic Treatment of Altered Passive Eruption Case Combined with Crown Lengthening Procedure and Single Implant Placement”

- Robbins JW. Differential diagnosis and treatment of excess gingival display. Pract Periodontics Aesthet Dent. 1999 Mar;11(2):265-72; quiz 273. PMID: 10321231.
- Coachman C, Valavanis K, Silveira FC, et al. The crown lengthening double guide and the digital Perio analysis. J Esthet Restor Dent. 2023;35(1):215-221.doi:10.1111/jerd.12920
- Garber DA, Salama MA. The aesthetic smile: diagnosis and treatment. Periodontol 2000 1996;11:18–28.
- Froum SJ, Kadi RO, Wangsrimgkol B, Hengjeerajaras P, Reis N, Yu PYC, Cho SC. The Custom Alveolar Ridge-Splitting (CARS) Technique for Predictable Horizontal Ridge Augmentation in the Atrophic Anterior Maxilla: A Retrospective Case Series Study. Int J Periodontics Restorative Dent. 2021 May-Jun;41(3):397-403. doi: 10.11607/prd.5411. PMID: 34076636.

#### Main Podium:

Dr. Ali Afshar - “Implant Success: Mastering the Art of Treatment Planning for Dental Implants”

- How to evaluate the complexity level of any case involving dental implants
- Utilizing the Implant Complexity Scale (ICS) to assign a difficulty value to implant cases
- Use ICS to architect education goals and pathways to manage learning curve predictability

Dr. Sylvia Frazier-Bowers - “Oral Health and Craniofacial Characteristics in the Marfan Syndrome”

- Review oral health concerns of patients with Marfan or Loeys-Dietz syndrome
- Codify dental features facial characteristics, and conditions in Marfan syndrome, and Loeys-Dietz syndrome based on collective evidence
- Understand dental practitioner concerns in the management of patients with connective tissue disorders

Dr. Paul Mozer - “The Final Battlefield: Robotic vs. Static Guided Surgery”

- Review of guided dental implant surgery in various clinical conditions
- Review of Dynamic, Static and Robotic guided surgical techniques and workflows
- Discuss current research and objective surgical outcomes of robotic and static guided implant surgery
- Analysis – Robotic VS. Static Guided Surgery: is the future now?

Dr. Marius Steigmann - “Soft Tissue Management for Horizontal and Vertical Augmentation in the Aesthetic Zone”

- Understand differences in soft tissue manipulation
- Apply different surgical techniques adequate to the augmentation goal
- Choose the adequate material for horizontal vs. vertical augmentation

Dr. Wenchou Wu - “Prosthetic Complication and Solution of the Implant Prostheses: Past, Present and Future”

- Review current evidence-based literature of prosthetic complications of different implant prostheses
- Discuss the clinical scenarios of the prosthetic complications
- Identify the causes of the prosthetic complication and provide solution
- New connection designs and materials that can potentially create prosthetic complications

Dr. Alina Krivitsky - “Decoding Bone Graft Material Selection in Implant Dentistry”

- Understand the extraction socket wound healing pattern and rationale for grafting
- Understand the decision tree making of bone graft selection
- Understand the mechanism of bone graft incorporation
- Techniques and case presentations

Dr. Robert Eskow - “Interpreting Crestal Bone Loss”

- Recognize that crestal bone loss around implants can be caused by local or systemic factors
- Understand that crestal bone loss around implants is not exclusively a result of peri-implant disease
- Understand that certain systemic diseases and patient behaviors contribute to crestal bone loss around implants

Dr. Jaime Jimenez - “Managing Complications from Poor Treatment Plan”

- Timing in interdisciplinary decisions
- How to avoid problems in the long term in implant dentistry
- How to apply new technology in advance esthetic cases
- Healing to be considered when we treat esthetic patients with implants

Dr. Craig Misch - “The Future of Bone Augmentation: Evolving Concepts”

- Discuss methods for bone augmentation and application according to volume gain requirements
- Trends towards less invasive procedures to obtain equivalent outcomes
- Selecting graft materials based on the defect morphology and volume gain requirements
- Discuss how peri-implantitis has challenged clinicians to regenerate bone for new implants

Prof. Dong-Seok Sohn - “Reconstructing Severely Resorbed Alveolar Bone and Maxillary Sinus with a Patient-Centered Approach”

- Understand bone graft-free sinus augmentation
- Understand simplified 3D ridge augmentation using vertical tenting device (SANTA)
- Understand patient-oriented 3D ridge augmentation using a vertical tenting screw (SBB)

Dr. Eva Anadioti - “Implant Supported Full-Arch Solutions: Current Fixed & Removable Options”

- Identify current evidence-based implant supported full arch designs
- Understand the need of restorative space analysis prior to surgical implant placement
- Understand the prosthetic limitations and poor prognosis of malpositioned implants

Dr. James Fine - “The Short Implant: Is It a Predictable Option?”

- Define what constitutes a short implant
- Understand surgical decision making for placing a short implant
- Understand the benefits of minimally invasive surgery

- Review principles of guided surgery as it pertains to placing short implants

Mr. Sander Polanco - “A Novel Approach Utilizing the Patient Digital Twin for All-on-X Treatments”

- Diagnosis and treatment planning during the patient’s digital twin initial visit to increase case acceptance
- Learn techniques to capture implant positions with photogrammetry to ensure a passive precise fit of the milled PMMA prosthesis
- Proper occlusal scheme and design of the immediate dentition to avoid complications
- Exocad designing for 4D Digital Smile Designs for Immediate All-on X prostheses with patient’s digital twin

Prof. Dr. Cristian Dinu - “Implants in the Aesthetic Zone - Key Factors for Success”

- Evaluate a single or multiple edentulous sites in the aesthetic zone
- Recognize the various types of alveolar ridge deficiencies and soft tissue defects to decide on the appropriate surgical management of these clinical situations
- Understand success criteria for implant restorations in the aesthetic area

Dr. Joan Pi Anfruns - “Clinical Performance of Ceramic Dental Implant for Tooth Replacement”

- Understand the manufacturing processes of commercially available ceramic implants
- Review the current literature on the use of ceramic implants
- Discuss the clinical performance of ceramic implants
- Understand the biological advantages of ceramic dental implants