

ICOI Winter Implant Symposium
Avoiding Dental Implant Complications
New Orleans, LA ~ February 16-18, 2017
Marriott Hotel on Canal Street
Main Podium- Scientific References/Citations

Young Implantologists:

Dr. Scott Watkins - *Proper Identification and Evaluation of the Mandibular Nerve Prior to Implant Placement*

- Greenstein, Gary, and Dennis Tarnow. "The mental foramen and nerve: clinical and anatomical factors related to dental implant placement: a literature review." *Journal of periodontology* 77.12 (2006): 1933-1943.
- Misch, Carl E., and Randolph Resnik. "Mandibular nerve neurosensory impairment after dental implant surgery: management and protocol." *Implant Dentistry* 19.5 (2010): 378-386.
- Misch, Carl E. "Contemporary Implant Dentistry." *Implant Dentistry* 8.1 (1999):90.

Dr. Cyndi Nguyen - *Avoiding Sedation Related Complications in an Implant Practice*

- Management of Complications in Oral and Maxillofacial Surgery. Michael Niloroo; Antonia Kolokythas
- Anesthesia Complications in the Dental Office. Robert C. Bosack & Stuart Lieblich
- Miller's Anesthesia: Ronald D. Miller

Dr. Ali Afshar - *What is a Straight Forward Case? Check List of Ten Factors*

- Cochran DL, Martin WC. Consensus Statements and Recommended Clinical Procedures Regarding Risk Factors in Implant Therapy. *Quintessence*. 2009;88(24):86-89
- Kois JC. New Challenges in Treatment Planning: Incorporating the Fundamentals of Patient Risk Management. Part 2. *Journal of Cosmetic Dentistry*. 2011;27(1):110-123.
- Misch CE. Guidelines for maxillary incisal edge positions- a pilot study: the key is the canine. *J prosthodont*. 2008; 17(2): 130-134. Epub 2007 Oct 30.

Dr. Jarrett Foust - *Force Related Complications in Implant Dentistry*

- Ha C-Y, Lim, Kim M-J, et al. The influence of abutment angulation on screw loosening of implants in anterior maxilla, *J Oral Maxillofacial Implants* 26:45-55, 2011.

- Goodacre CJ, Kan JYK, Rungcharassaeng K: Clinical complications of osseointegrated implants, *J Prosthetic Dent* 81: 537-552, 1999.
- Hurson S: Practical clinical guidelines to prevent screw loosening, *Int J Dent Symp* 3(1):23-25, 1995.

Pearls of Wisdom Speakers:

Dr. John Conness - *Preoperative Implant Planning for Optimal Esthetics & Function*

- Contemporary Implant Dentistry; Second Edition; 1999 Mosby.
- Contemporary Implant Dentistry; Third Edition; 2007 Mosby
- Dental Implant Prosthetics; Second Edition; 2014 Mosby

Dr. Katherine Misch - *Keys to the Successful Implant Overdenture*

- Andreiotelli,M;Att,W,Strub,J-R.Prosthetic complications with implant overdentures:A systematic literature review. *Int J Prosthodont* 2010;23:195-203.
- Jemt, T; Chai,J; Harnett, J; et al. A 5-year prospective multicenter follow-up report on over-dentures supported by osseointegrated implants. *Int J Oral Maxillofac Implants* 11: 291-298, 1996.
- Heydecke,G;McFarland,DH;Feine,JS;Lund,JP. Speech with maxillary implant prostheses: Ratings of Articulation. *J Dent Res* 2004;83:238-240

Dr. John Olsen - *Single Tooth Implant Restorative Options: Cement-Retained vs. Screw-Retained*

- Vigolo P. Givani A. Majzoub Z.Cordilli G.: Cemented vs screw-retained implant supported single-tooth crowns: A four year prospective clinical study. *Int. J Oral and Maxillofac Implants* 2004; 19:260-265
- Pauletto N. Lahiffe BJ. Walton JN.: Complications associated with excess cement around crowns on osseointegrated implants. A clinical report. In *J Oral Maxillofac Implants* 14:865-868, 1999
- Cicciu M. Beretta M. Risitano G. Maiorana C.: Cement-retained vs screw-retained implant restorations: An investigation of 1039 dental implants. *Minerva Stomatol* 2008;57;167-179

Dr. H. Ray Hazen - *But Doctor, My Upper Dental Never Got Loose Before*

- Kent JN: etal: Correction of alveolar ridge deficiencies with non-resorbable HA, *J Am Dent Assoc.* 105.993-1001, 1982
- Misch CE: Classifications and Treatment options of the completely edentulous arch in implant dentistry, *Dent Today* 9:26, 30, 1990.
- Misch CE: Medial positioned lingualized occlusion in fixed prosthesis (manual), Dearborn, MI, Misch Implant Institute, 1989.

Main Podium:

Dr. Randolph Resnik - *Pharmacologic Considerations with Dental Implant Complications*

- Misch, Carl E. Contemporary implant dentistry. Elsevier Health Sciences, 2007.
- Resnik, Randolph R., and Carl Misch. "Prophylactic antibiotic regimens in oral implantology: rationale and protocol." *Implant dentistry* 17.2 (2008): 142-150.
- Misch, C. E., and P. Moore. "Steroids and the reduction of pain, edema and dysfunction in implant dentistry." *The International journal of oral implantology: implantologist* 6.1 (1989): 27.

Dr. Robert Engelmeier - *Occlusal Considerations for Implant Supported Restoration of the Edentulous Patient*

- Dawson P E: Functional Occlusion from TMJ to Smile Design. Mosby,Inc/Elsevier, Philadelphia, PA. 2007.
- Rosenstiel S F, Land M F, Fujimoto J: Contemporary Fixed Prosthodontics. Mosby, Inc/Elsevier, Philadelphia, PA. 2006.
- Misch C E: Dental Implant Prosthetics-ed 2. Mosby,Inc/Elsevier, Philadelphia, Pa. 2015
- Shillingburg H T, Hobo S, Whitsett L D, Jacobi R, Brackett S E. Quintessence Books, Chicago, IL. 1997

Dr. Lisa Germain - *Bone Grafting in Sites with Chronic Endodontic Lesions*

- Steiner GG1, Francis W, Burrell R, Kallet MP, Steiner DM, Macias R. The healing socket and socket regeneration. *Compend Contin Educ Dent.* 2008 Mar;29(2):114-6, 118
- Graves DT, Oates T, Garlet GP. Review of osteoimmunology and the host response in endodontic and periodontal lesions. *J Oral Microbiol.* 2011 Jan 17;3
- Song M1, Kim SG, Lee SJ, Kim B, Kim E. Prognostic factors of clinical outcomes in endodontic microsurgery: a prospective study. *J Endod.* 2013 Dec;39(12):1491-7.

Dr. Joseph Cillo, Jr. - *Avoiding Medically-Related Dental Implant Complications*

- Oates TW Jr, Galloway P, Alexander P, Vargas Green A, Huynh-Ba G, Feine J, McMahan CA. The effects of elevated hemoglobin A(1c) in patients with type 2 diabetes mellitus on dental implants: Survival and stability at one year. *J Am Dent Assoc.* 2014 Dec;145(12):1218-26. doi: 10.14219/jada.2014.93.
- Choukroun J, Khoury G, Khoury F, Russe P, Testori T, Komiyama Y, Sammartino G, Palacci P, Tunali M, Choukroun E. Two neglected biologic risk factors in bone grafting and implantology: high low-density lipoprotein cholesterol and low serum vitamin D. *J Oral Implantol.* 2014 Feb;40(1):110-4. doi:10.1563/AAID-JOI-D-13-00062.
- Diz P, Scully C, Sanz M. Dental implants in the medically compromised patient. *J Dent.* 2013 Mar;41(3):195-206. doi: 10.1016/j.jdent.2012.12.008.

Dr. Gerard Scortecchi - *Can We Really Avoid Complications in Implant Dentistry?*

- Branemark PI, Zarb GA, Albrektsson T. Osseointegration in Clinical Dentistry. 1985, Quintessence Publishing Co., Chicago
- Misch CE. Contemporary Implant Dentistry. 2007 (third Ed.) Mosby
- Scortecchi GM, Misch CE, Benner KU (eds) Implants and Restorative Dentistry. 2000, Martin Dunitz, Londres

Dr. Marco Brindis - *Implant Complications with the Current Treatment Modalities for the Edentulous Maxilla: Where We Are Now and Where We Are Going*

- Georgios E. Romanos, et al. Implant-Supporting Telescopic Maxillary Protheses and Immediate Loading. Clin Implant Dent Relat Res. 2014 Jun;16(3):412-8. doi: 10.1111/cid.12003. Epub 2012 Sep 21.
- Peter Rehmann, et al. Three-Year Analysis of Fixed and Removable Telescopic Attachment–Retained Implant-Supported Dental Protheses: Survival and Need for Maintenance. The International Journal of Oral & Maxillofacial Implants. Volume 30, Number 4, 2015
- Gerogios E. Romanos, et al. Implant-Supporting Telescopic Maxillary Protheses and Immediate Loading. Clinical Implant Dentistry and Related Research, Volume 16, Number 3, 2014

Dr. C. Stephen Caldwell - *Avoiding Complications in Bone Grafting Procedures - The Key to Long-term Success*

- Caldwell, G.R., Mealy, B. L., A Prospective Study: Alveolar Ridge Augmentation using Tenting Screws, Acellular Dermal Matrix and Combination Particulate Grafts. International Journal of Periodontics and Restorative Dentistry. 2015 Jan-Feb;35(1):75-83.
- Urban IA, Nagursky H, Lozada JL, Nagy K. Horizontal ridge augmentation with a collagen membrane and a combination of particulated autogenous bone and inorganic bovine bone-derived mineral: a prospective case series in 25 patients. The International Journal of Periodontics & Resorative Dentistry 33:299-307, 2013.
- Miller, RJ, Edwards WC, Boudet C, Cohen J, Revised Maxillofacial Anatomy: The Mandibular symphysis in 3D. The International Journal of Dental Implants & Biomaterials.

Dr. Rick Ferguson – *Reducing Implant Placement Complications with the Convenience of In-Office 3D Printed Surgical Guides. Same Day, Next Day, Every Day*

- Tahmaseb A, Wismeijer D, Coucke W, Derksen W. Computer technology applications in surgical implant dentistry: a systemic review. *Int J Oral Maxillofac Implants*. 2014;29:25-42
- Pascual D, Vaysse J. Guided and computer-assisted implant surgery and prosthetic: The continuous digital workflow. *Rev Stomatol Chi Maxillofac Chir Orale*. 2016 Feb;117(1):28-35
- Van Groningen L, Sips R, Wismeijer D, Hassan B. Comparing 2 Cone Beam Computed Tomography Devices for the Transfer Accuracy of a Laboratory-Based Guided Surgery System In Vitro. *Implant Dent*. 2016 Apr;25(2):222-6

Dr. Jack Hahn - *Immediate Extraction Replacement Complications; Single Tooth To Full Arch: "The Thrill of Victory and the Agony of Defeat"*

- The Emergency Implant; *Journal Of the American Academy of Implant Dentistry and Inclusive Dental Magazine*.
- *Implant Dentistry, The Art and Science*; volumes one and two. Chapter; Immediate extraction Replacement, single tooth to full arch
- Immediate Extraction Replacement and Immediate Function. 1227 implants 12 years in function. *ICOI Journal*. Hahn, Vassos, Rosenlicht and Buchs. 1996

Dr. Ady Palti - *Implant Solutions for Narrow Ridge Cases: How to Deal With Them in the Daily Implant Practice*

- Implantology A brief history and guidelines of blade implant technique: a retrospective study on 522 implants L Dal Carlo¹, ME Pasqualini², F Carinci^{3*}, M Corradini⁴, F Vannini⁵, LI Linkow⁷
- Minimally invasive piezosurgery for a safe placement of blade dental implants in jaws with severe bone loss Rossi, F; M.E. Pasqualini; L. Grivet Brancot; D. Colombo; Corradini, M.; LORÈ, B.; L. Calabrese (2014) *Journal: Journal of Osseointegration*
- *Compendium Dentistry*. September 2012 Volume 33, Issue 8 Peer-Reviewed An Era of Evidence-Based Implant Dentistry: 30 Years Since Toronto Frederic J. Norkin, DMD

Dr. Craig Misch - *Avoiding Complications of Bone Augmentation*

- Misch CM. Complications of autogenous bone grafting. In: Froum S, Ed. *Complications of Implant Dentistry*. Wiley-Blackwell, 2015, pp. 227-255.
- Misch CM. Autogenous bone grafting for dental implants. In: Fonseca RJ, Marciani RD, Turvey TA. Eds. *Oral and Maxillofacial Surgery*, second edition. Elsevier, 2009, pp. 406-427.

- Aghaloo T, Misch CM, Lin G-H, Iacono V, Wang HL. Bone Augmentation of the Edentulous Maxilla for Implant Placement: A Systematic Review. *Int J Oral Maxillofacial Implants* 2016;31 Suppl:s19-30

Dr. John Preece - *Avoid Complications, Add A Maxillofacial Radiologist To Your Team*

- Diagnostic Imaging Oral and Maxillofacial Authors: Koenig, Tamimi, Petrikowski, Harnsberger, Ruprecht, Benson, Van Dis, Hatcher, Perschbacher; Publisher: AMIRSYS; 1st edition, 2012. ISBN: 978-1-931884-20-4
- Atlas of Cone Beam Imaging for Dental Applications, 2nd Edition Author: Dale A. Miles Publisher: Quintessence Publishing Co, Chicago; 2008 ISBN 978-0-86715-565-5

Dr. Michael Tischler - *Zirconia Full Arch Screw Retained Bridges a Multi-Year Perspective: Avoiding Surgical and Prosthetic Complications*

- Full-Arch Zirconia Screw-Retained Bridges: The Advantages of a Guided Surgical Approach. Tischler M, Patch C, Mirelez A. *Dent Today*. 2015 Dec;34(12):64, 66-7
- An ideal full-arch tooth replacement option: CAD/CAM zirconia screw-retained implant bridge. Tischler M, Ganz SD, Patch C. *Dent Today*. 2013 May;32(5):98-102
- Success with screw-retained zirconia bridges, part one. Tischler M, Ganz SD, Patch C. *Dent Today*. 2014 Sep;33(9):98, 100-3