

Columbia University/ICOI 5th Annual Dental Implant Symposium:

Cutting Edge Concepts in Implantology

December 12-13, 2014

Columbia University, Alfred Lerner Hall

West 115th Street & Broadway, New York City

Course Description:

This Symposium will address *Cutting Edge Concepts in Implantology*.

An international panel of implant experts will share their knowledge and expertise in areas including: Crestal Bone Loss and Crestal Bone Stability, Digital Implant Dentistry, Anti-Resorptive Therapy and Osteonecrosis of the Jaw, 3-D Imaging, CAD-CAM in Prosthodontics, Clinical Trends in Bone Augmentation, Management of Perio-Implant Disease, Biologic and Material Considerations for Single Implant Restoration, and Digital Treatment for Implant Surgical-Prosthodontics.

This course will discuss the major risk factors for peri-implant disease and explain the limitations of nonsurgical treatment procedures. It will review how systemic influences can directly affect crestal bone levels, resulting in alteration of the oral environment and the peri-implant tissues. Cases involving horizontal and vertical bone augmentation techniques will be reviewed. The medical rationale for using bisphosphonates and other anti-resorptive therapies in the treatment of patients with osteoporosis and bone metastases will be discussed. New materials and methods will be presented for impression taking and scanning. The numerous ways that digital dentistry is simplifying procedures and decreasing surgical risks and costs will be explained.

Course Objectives:

Upon completion of this course, participants will: Identify medications that influence bone metabolism and select appropriate surgical procedures for the management of peri-implantitis; explain the link between peri-implant diseases and residual excess cement; understand how CAD/CAM processing is now an integral part of implant and reconstructive dentistry; understand the principles of esthetic single implant rehabilitation with ceramic materials; recognize the importance of anti-resorptive therapies; become familiar with the use of growth factors.