

31ST ANNUAL NYU/ICOI IMPLANT SYMPOSIUM
"Present and Future Digital Technologies in the Implant Practice"

JUNE 6-7, 2020 (SATURDAY AND SUNDAY)

Presented By:
 ASHMAN DEPARTMENT OF PERIODONTOLOGY AND IMPLANT DENTISTRY
 LINHART CONTINUING DENTAL EDUCATION PROGRAM
 INTERNATIONAL CONGRESS OF ORAL IMPLANTOLOGISTS (ICOI)

SATURDAY, JUNE 6, 2020 - SEPTODONT LECTURE HALL, 1ST FLOOR

Moderator: DR. STEPHEN CHU

7:15 a.m. – 8:00 a.m. **Registration / Coffee / Exhibits**

8:00 a.m. – 8:15 a.m. Welcome and Introduction

8:15 a.m. – 9:30 a.m. **DR. ADY PALTÍ**
*"Digital Dental Solutions in Implant Practice:
 From Single Tooth to Full Arch: A Step by Step Review"*

- Participants will be able to learn initial scan procedure prior to implant prosthetic planning
- Learning a functional/esthetic planning based on patient expectations
- Milling a single crown or a full arch provisional restoration as well as a surgical guide
- Implementing the pre-milled prosthetic on the inserted implants for functional temporization

9:30 a.m. – 10:45 a.m. **DR. CHRISTIAN STAPPERT**
*"Implant and Grafting Concepts for Oral Rehabilitations with
 Partial Coverage Ceramics, or 360° Ceramic Restorations"*

Treatment planning of full arch rehabilitations in an aging population with high esthetic demands, requires treatment strategies for immediate implant placements, bone grafting and tissue alterations. Precise temporization is key to establish vertical and horizontal occlusal stabilization. New ceramic materials allow for extension of classic facial veneer preparation designs to more defect-oriented partial coverage and full veneer preparations introduced by Stappert et al. in 1999. The new flexibility in preparation design based on enhanced ceramic material strength established ceramic veneers as valid alternative to full crown restorations in the anterior dentition. Anterior veneer restorations require on average only 17–30% coronal tooth structure removal when compared to 60–70% of full coverage restorations. As the demand for esthetic dental services continues to grow, the introduction of stronger indirect ceramic restorations offers new minimal invasive options for both anterior and posterior full mouth rehabilitations on teeth and implants.

10:45 a.m. – 11:15 a.m. **Coffee Break / Exhibits**

11:15 a.m. – 12:30 p.m. **DR. DEAN VAFIADIS**
***“FMR- Step by Step Approach to Full Mouth Rehabilitation:
Implants, Aesthetics and Occlusion”***

Understanding comprehensive dental care can take us many years to figure it out. By using some excellent tools and techniques we can see our patients and approach their care in an efficient manner. Restoring OVD in the proper position and understanding Occlusion techniques will be discussed. Photography, computer imaging, digital techniques can help us analyze each patient for better treatment planning and success. Proportions utilizing digital calipers, facebow and preparation design will be demonstrated. Using provisional techniques to get patient feedback will be shown on various patient treatments. CAD/CAM technology has the advantage of reduced clinical chair-time and reduced laboratory costs. The accuracy of these techniques has improved to the point where they are now comparable to conventional techniques. The fabrication of ceramic full coverage restorations and veneers, with an in-office technique, will also be demonstrated. Occlusion principles will be discussed as they relate to new materials and their application in private practice.

12:30 p.m. – 1:45 p.m. **Lunch Break / Exhibits**

Moderator: DR. KENNETH JUDY

1:45 p.m. – 3:00 p.m. **DR. RICK FERGUSON**
“From Surgery to Final Prosthetics - Keys to A Completely Digital Workflow”

Advances in CBCT, Intra-oral scanning, 3D Printing and Milling have led to efficiencies in the digital workflow that surpass what is possible using analog techniques. By combining CBCT with intra-oral scanning we can produce surgical guides same day or execute implant surgery using dynamic navigation. In office 3D printing and milling combined with dedicated software can now produce restorations in hours instead of days. The decreasing costs of these technologies allow the practitioner to reach a larger segment of our patient base. Even more impactful is the ability to plan the entire case and visualize the final result before picking up a scalpel. The future is now.

3:00 p.m. – 4:15 p.m. **DR. MIKE CALDERON**
“Don’t Be Stubborn About the Use of Digital for Your Implant Placement.”

We here at the Institute have a compassion for ensuring you have all the information for a proper decision on your Implant Diagnosis and Treatment Plan. A comparison between Brain Guided, Static Guides and Dynamic Guides will be our focus. We will walk you through the placement using all three techniques with video and CBCT comparison.

4:15 p.m. – 4:30 p.m. **Coffee Break**

4:30 p.m. – 5:15 p.m. **ICOI Awards Ceremony**

SUNDAY, JUNE 7, 2020 - SEPTODONT LECTURE HALL, 1ST FLOOR

Moderator: DR. MARYSE MANASSE

7:15 a.m. – 8:15 a.m. **Coffee / Exhibits**

8:15 a.m. – 9:30 a.m. **DR. BART SILVERMAN**
“The Complete Guide to Digital Implant Workflow”

The presentation will provide an update on current and future digital implant workflow and how it can help eliminate complications and further improve success rates. From CBCT to treatment planning software, surgical guide fabrication, implant guided surgery, sculpting of gingival architecture at the time of implant placement, and intraoral scanning this lecture will help bridge the gap between virtual and clinical dentistry. It will provide a clear understanding of the step by step workflow needed to introduce this technology into your practice.

9:30 a.m. – 10:45 a.m. **DR. JAIME JIMENEZ**
“Interdisciplinary Digital Implant Dentistry”

Today when providing implant aesthetic dentistry therapy in the anterior region, with high predictability in the long-term, may not be possible most of the time without considering an interdisciplinary approach as part of the treatment plan. This allows clinicians nowadays to reduce the number of surgeries, better prognosis, resulting in shorter treatment times, thus better patient satisfaction. Due to advances in technology (diagnostic tools and imaging, surgical softwares and CAD/CAM) but also our understanding of biological mechanisms, the enormous amount of researches in the field of aesthetic implant dentistry, as well as the advances in the diagnostic tools, has lead to a completely different era regarding dental extraction and replacement of missing tooth. Implant dentistry will always be benefit by a team work approach, creating a great communication between all the participants of the different areas in dentistry. During the presentation, an evidence based update in digital interdisciplinary implant dentistry will be covered, with the indications and contraindications; as well as the surgical and prosthetic procedures, in different case scenarios will be presented.

10:45 a.m. – 11:15 a.m. **Coffee Break / Exhibits**

11:15 a.m. – 12:30 p.m. **DR. TOMASO VERCELLOTTI**
“Innovative Clinical Solution for Horizontal Bone Defect Treatment of Edentulous Ridges”

The lecture begins with a general review of the literature on current implant therapy approaches for the treatment of narrow edentulous ridges with horizontal bone defects. Subsequently, the speaker will introduce a new wedge implant shape, as well as two new surgical protocols for implant site preparation, which allow to maximize the use of the residual bone volume and quality for each surgical site. A new decision tree for minimally invasive techniques in the presence of a residual bone thickness between 3mm and 6mm will also be presented, with a review of several clinical cases with follow-up between 2 and 10 years. The presentation will end with the discussion of a new split crest technique, suitable for use even in cases of monoedentulism.