

# Hands-On Course

## *INTRODUCTION TO CAD/CAM AND DIGITAL DENTISTRY 2012*

### *A Hands-on Lecture* Presented by Dr. Joseph Carpentieri

*Thursday, September 6th, 9:00 am – 4:00 pm, Halifax Marriott  
Harbourfront Hotel Cost: \$ 325.00 p.p. (Tax Included) 6 CE credits  
to be issued Breaks and a one-hour lunch to be provided*

#### **Biography:**

Dr. Carpentieri graduate University of Maryland College of Dental Surgery. Practiced general dentistry for eight years before receiving a Certificate in Prosthodontics from Einstein Montefiore Medical Center. Subsequent to that time he completed a four-year surgical implant fellowship at the Department of Periodontology and Implant Dentistry at NYU. Currently, he is an associate clinical professor, Dept of Prosthodontics/Implant Fellowship, at Columbia University College of Dental Medicine Department, Head-Dr. Dennis Tarnow. Speaker, Publisher, Mentor and BIOMET *3i* Consultant; Dr Carpentieri speaks both nationally and internationally on all phases of surgical and implant dentistry.



#### **COURSE OUTLINE AND LEARNING OBJECTIVES:**

The purpose of this hands-on lecture is to present a thorough and concise overview of CAD/CAM and Digital Dentistry; it has absolutely revolutionized the practice of clinical dentistry and significantly changed what we do and how we do it.

- Evidenced-based perspective of advantages/disadvantages or benefits and limitations of these technologies
- Review 'new workflow options' from both a conventional and digital perspective
- To understand how a CAD/CAM manufactured prosthesis provides us with the most cost-effective modality for most implant restorations

- Present literature supported rationale for utilization of CAD/CAM abutments and full arch CNC frameworks
- Discuss step-by-step clinical guidelines, abutment and material choice, and review controversies associated with zirconia abutments with new guidelines
- Review other controversies including third party abutments, the zirconia-titanium interface, veneering of various framework designs
- Introduce concept reverse engineering; one of the hottest topics in implant dentistry today
- Introduce the “players”; making this a diverse presentation of all implant companies
- Review BIOMET 3i’s CAD/CAM Portfolio; ie, BellaTek™ Encode® Impression System. How does this company fit into this space and why is it different?
- Demonstrate integration of digital impression-taking-review of devices
  - How to select a scanner?
  - Does it really work?
  - Benefits to patient and practice?

Learning Objectives: To increase knowledge, confidence and predictability that will lead to improved aesthetic and functional patient outcomes

2012 HALIFAX SPEAKERS

# Guest Speakers

Thursday, September 6th



*Hands-On Course* [Dr. Joseph Carpentieri](#)

**Topic:** *INTRODUCTION TO CAD/CAM AND DIGITAL DENTISTRY 2012 - A Hands-on Lecture*

Friday, September 7th



[Dr. George Cho](#) **Topic:** *Provisional Techniques for Traditional and Implant Dentistry*



[Dr. Charles Shuler](#) **Topic:** *Oral Lesions: An Anatomic Approach to Differential Diagnosis*



[Dr. Izchak Barzilay](#) CARDP Fellow Member **Topic:** "3DP" -  
*Digital Implant Planning, Placement and Prosthetics*



[Dr. Jim McKee](#) **Topic:** *Occlusion in the Restorative and Specialty Practice in 2012*



[Dr. André Ritter](#) **Topic:** *Contemporary Trends on the use of Direct Posterior Composites*



[Dr. Jim Kessler](#) **Topic:** *New Materials and Technologies-Is it Time to Jump In?*

Saturday, September 8th



[Dr. Jim Kessler](#) **Topic:** *Reverse-engineered, Defect-driven Preparations for Bonded Restorations*



[Dr. Richard Price](#) **Topic:** *"How to Choose the Right Curing Light for your Office and Effectively use it"*



[Dr. Rob Roda](#) **Topic:** *Prognosis of Fractured Teeth: Considerations for Treatment Planning*



[Dr. Emmanuel Rajczak](#) CARDP Honorary Member **Topic:**  
*Why do Teeth Crack?*



[Dr. Tim Hess](#) **Topic:** *"The Dirty Little Secret"--Perimplantitis  
Caused by Excess Cement*



[Dr. Peter Taylor](#) CARDP Fellow Member **Topic:** *The Quest for  
Predictable Esthetic Tissue - Management for Fixed Restorations*



[Dr. Peter Walford](#) CARDP Active Member **Topic:** *Succeeding  
with Multisurface Composites*



[Dr. Ron Zokol](#) CARDP Fellow Member **Topic:** *Essential Criteria  
for Large Vertical Dimension Bone Grafting – "It May Not Be What You Think"*