



### **Corporate-Sponsored Symposia**

Saturday, Nov. 3, 2018  
9:00 a.m. – 12:00 p.m.  
**3 CE**

*No advance registration is necessary.*



**Ivoclar Vivadent**

## **Contemporary Digital Workflow in a Prosthodontic Practice**

New contemporary materials are available that provide high strength, esthetics, and versatility. Digital milling processes are available to produce highly accurate prostheses in an efficient fashion. This program will provide an exciting overview of current materials and processes for the fabrication of quality and esthetic dental restorations. New digital techniques for patient communication that bring together the entire workflow will also be emphasized.

### **Integration of Digital Workflow for Predictable Prosthodontic Practice**

John A. Sorensen, DMD, PhD, FACP

The synergistic interaction between modern material systems, digital technologies, and software developments have propelled enormous advancements in both conventional and implant prosthodontics. Applications of the latest developments in materials systems such as zirconia ceramics and glass ceramics will be presented. Digital workflows enhance all steps in the prosthodontic process from diagnosis, to planning, to provisional prosthesis design and fabrication, to definitive abutment and prosthesis fabrication. Combining sound traditional fixed prosthodontic principles with modern materials processed by new technologies and methodologies optimize prosthodontic therapies to a whole new level.

#### **Learning Objectives**

- Identify digital tools to enhance patient communication and acceptance, treatment planning, and visualization of esthetic and functional outcomes.

- Understand how the digital workflow can be used to efficiently design and fabricate the provisional prosthesis as a prototype for the definitive prosthesis.
- Understand the advantages and disadvantages of the various classes of zirconia and glass ceramics, and ideal applications of each.
- Understand the advantages and limitations of the various parts of the digital workflow in prosthodontics for both the clinical and laboratory technology aspects.

### **Reimagining Prosthodontics**

Lee Culp, CDT

As dentistry evolves into the digital world, the successful incorporation of computerization and new technology will continue to provide more efficient methods of communication and fabrication while at the same time retaining the individual creativity and artistry of the skilled dentist and dental technician, while the utilization of new technology will continue to enhance the close cooperation and working relationship of the dentist/technician team. This presentation will offer participants a unique insight into digital design, using 3Shape Dental Designer - Implant Studio and the Ivoclar Digital Denture system, from pre-surgical planning to printed diagnostic wax-up and milled provisional PMMA restorations, and their digital replicas to guide us in the creation of CAD/CAM restorations, for both tooth- and implant-supported prosthetics, will be presented.

#### Learning Objectives

- Learn how digital design assists in restorative diagnosis, treatment planning, and restoration creation.
- Understand the process for fabricating digital dentures, using both milled and 3D printing technologies.
- Learn the differences in milling and 3D resins for Removable Prosthetics.
- Identify the modular concept of multiple fabrication options for both dentures and implant supported restorations.

### **Digital Removable: The Next Chapter**

Frank R. Lauciello, DDS, FACP

The Ivoclar Digital Denture system is a laboratory-based system which gives the clinician and technician full access to materials, design software, and manufacturing processes. Several workflow options will be described clinically and complemented by a description of the corresponding technical procedures.

#### Learning Objectives

- To identify the equipment and materials available for the clinician and dental laboratory for the Ivoclar Digital Denture System.
- To have an understanding of the various clinical and technical workflow options to provide digital denture service to patients.
- Provide the clinical and technical rationale for the advantages of digital dentures versus analog dentures for the patient.

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At the conclusion of this symposium, attendees should be able to:

- Identify digital tools to enhance patient communication and acceptance.
- Understand digital workflows for prosthetic restorative procedures.
- Gain a deeper knowledge of contemporary dental restorative materials.