



Academy of Prosthodontics Annual Scientific Session Ritz-Carlton, Sarasota Florida April 25 – April 29, 2017

Program Speaker – Dr. Wael Att

Title

3D Engineering in Contemporary Implant Dentistry

Abstract

The main goal of comprehensive dental rehabilitation is to achieve a pleasing harmony between the face, smile and teeth. Here, a number of tools are being implemented by the clinicians to evaluate the relationship between the different components of the face and to provide guidance for treatment planning as well as for the fabrication of the final restorations. With the emergence of digital technologies, a shift towards implementing digitally-driven 3D engineering tools is obvious. Compared to conventional techniques, the ultimate goal of digital technologies is to improve the quality and capabilities in examination, diagnosis and treatment of the dental patient. It is still questionable whether such digital tools facilitate improved accuracy in data acquisition, superior efficacy in treatment planning and more controlled manufacturing process. This presentation will provide an overview about digital workflow in implant dentistry and discuss possibilities and advantages when using a conventional or a digital approach.

Learning Objectives

1. To provide an overview about the digital workflow in contemporary implant dentistry
2. To compare the digital workflow with the conventional approach
3. To demonstrate how different digital tools can be combined for the treatment of comprehensive implant cases

Biography

Wael Att, DDS, DMD, PhD

is the Director of Postgraduate Program at the Department of Prosthodontics, Dental School, University of Freiburg. He is a board-certified prosthodontist from the German Society of Prosthodontics and Biomaterials (DGPro) and serves as Past President of the Prosthodontics Group of the International Association for Dental Research (IADR) as well as President of the Arabian Academy of Esthetic Dentistry (ARAED) and President Elect of the International Academy for Digital Dental Medicine (IADDM). Prof. Att obtained his DDS degree in 1997 from Tishreen University and received the Dr Med Dent (2003) and PhD (2010) degrees as well as the title of extraordinary professor (2013) from the University of Freiburg. He was a Visiting Assistant Professor from 2005 to 2007 at the Weintraub Center for Reconstructive Biotechnology, UCLA School of Dentistry. Prof. Att's teaching and clinical activities focus on perio-prosthetic rehabilitation of multidisciplinary cases as well as the implementation of digital technologies in reconstructive dentistry.

