



## **Academy of Prosthodontics Annual Scientific Session Sofitel Hotel, Chicago, Illinois May 9-12, 2018**

### **Program Speaker - Dr. Konstantinos Chochlidakis**

#### **Title**

*Complication Rates of Implant-Supported Fixed Complete Dental Prostheses (IFCDPs): A 1- to 5 Years Analysis*

#### **Abstract**

This study assessed the rate of technical and biologic complications of implant-supported fixed complete dental prostheses (IFCDPs) after a mean observation period of 4.5 years. Patients who had received IFCDP were recalled. Prosthodontic factors such as prosthetic material, cantilever length, number of abutments, bruxism, and occlusion were evaluated. Periodontal parameters such as peri-implant suppuration, plaque/bleeding indexes and probing depths were evaluated. A cumulative implant survival rate of 100% and implant prosthesis survival rate of 90% was observed. The most frequent technical complication was chipping of the veneering material (42%) while the most frequent major biologic complication was peri-implantitis (3%). Older age was associated with a significant decrease in technical complications, while as time from implant and prosthesis placement increased, significantly greater rates of complications occurred. Patients wearing metal-ceramic IFCDPs tended to be more satisfied with esthetics compared to metal-resin prostheses. Type of occlusion, cantilever length, number of abutment teeth, and number of implants were not associated with increased risk of complications.

#### **Learning Objectives**

1. Understand how the incidence of technical and biological complications affects implant-supported fixed complete dental prostheses.
2. Identify the factors that are correlated to biological and mechanical complications.
3. Describe how to decrease the incidence of complications in this type of prosthesis.

#### **Biography**

KONSTANTINOS CHOCHLIDAKIS, DDS, FACP

Dr. Konstantinos Chochlidakis received his dental degree from the University of Athens in 2008 and then worked as a general dentist for the National Health Service in the United Kingdom. He specialized in Prosthodontics in 2013 at the Eastman Institute for Oral Health, University of Rochester and was then appointed Assistant Professor in the Restorative Department at the Kornberg School of Dentistry, Temple University. In 2015, Dr. Chochlidakis returned to the University of Rochester as Assistant

Professor at Eastman Institute for Oral Health. He is currently the Assistant Program Director of the Prosthodontic Specialty Training Program.

Dr. Chochlidakis is a Diplomate of the American Board of Prosthodontics and holds memberships in several dental organizations including the American College of Prosthodontists, American Prosthodontic Society and International Team for Implantology. He maintains a faculty practice limited to Prosthodontics. He lectures nationally in the field of Prosthodontics and implant dentistry.