



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

Program Speaker - Dr. Lyndon F. Cooper

Title

Dental Implant Success and the Peri-Implant Mucosa

Abstract

The peri-implant mucosa represents the borderline upon which the battles of implant therapy are won or lost. In this presentation, the biology and architecture of the peri-implant mucosa will be reviewed in the context of health and of esthetics. The peri-implant mucosa adapts to the implant and or abutment biologically and structurally. The factors that may influence the health and esthetics of the peri-implant mucosa will be considered and illustrated clinically. Using contemporary genetic analyses, the impact of disease and alloplastic materials on the mucosa will be highlighted. The interaction of the peri-implant mucosa is an essential part of tissue integration and should be considered as a primary target for improving health and esthetics of dental implant therapy.

Learning Objectives

1. Understand the cellular structure of the peri-implant mucosa and its relationship with the alloplastic implant surface
2. Appreciate how biofilm dysbiosis leads to disruption of the peri-implant mucosa / implant interface
3. Explore the role of the implant abutment materials surface in altering the biology and architecture of the peri-implant mucosa

Biography

LYNDON F. COOPER, D.D.S., Ph.D.

is the Associate Dean for Research and Head of the Department of Oral Biology at University of Illinois School of Dentistry, Chicago. He previously served as Stallings Distinguished Professor of Dentistry and Director of Graduate Prosthodontics at the University of North Carolina at Chapel Hill. Dr. Cooper is a Diplomate of the American Board of Prosthodontics and served as the 2010 President of the American College of Prosthodontists. He presently serves as the Chair of the American College of Prosthodontists Education Foundation. He received the ACP's 2004 Clinician/ Researcher Award, the IADR's 2009 Distinguished Scientist Award for Prosthodontics and Implantology, and the 2016 Greater New York Academy of Prosthodontists' Schweitzer Award for Research. Dr. Cooper's laboratory focuses on bone biology, and clinical evaluation of dental implant therapies. Their research findings have been presented numerous publications and presentations.