



## **Academy of Prosthodontics 2019 Annual Scientific Session Fairmont Banff Springs Hotel, Banff Canada May 29 – June 1, 2019**

### **Program Speaker - Lyndon F. Cooper, D.D.S., Ph.D.**

#### **Title**

Are Short Implants a Graftless Solution for Dental Implant Therapy?

#### **Abstract**

There are a number of valid reasons grafting to enable implant placement should or may be avoided. Among the solutions for implants in minimal bone volume scenarios, short implants offer some advantages. The basis for using short implants in lieu of bone grafting to enable longer implant placement will be considered at the biomechanical, technical and biologic levels. Evidence from clinical studies and meta-analyses in support of short implant solutions will be reviewed. Results from a cohort study of 21 patient treated using four 6 mm to support maxillary monolithic zirconia prosthesis will be presented to illustrate possible management of implant rehabilitations using short implants. Short implants offer alternative treatment plans for patients presenting with limited bone volume.

#### **Learning Objectives**

1. be able to identify advantages and disadvantages of using short implants
2. understand the reported biomechanical bone performance at short implants
3. appreciate a role of short implants in non-grafting solutions for dental implant rehabilitation

#### **Biography**

LYNDON F. COOPER, D.D.S., PH.D.

Dr. Lyndon 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, Chairperson 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 and has served as the Chair of the American College of Prosthodontists Education Foundation. He has been honored with research awards from the ACP, the IADR and the GNYAP. His team's work is represented in over 160 peer-reviewed publications and numerous presentations.