Academy of Prosthodontics Annual Scientific Session
Naples, Florida | May 3 – 6, 2023

Program Speaker – Sang J. Lee

Title

Evaluation of Accuracy in Digital Prosthodontics

Abstract

Digital technologies such as computer-aided design and computer-aided manufacturing (CAD-CAM), intraoral optical scanners (IOSs), 3D radiographic imaging with 3D analytic software applications, and virtual articulation have revolutionized prosthodontics. The systems have transformed the conventional clinical workflow and improved the efficiency and predictability of treatment outcomes. Evaluation of accuracy in the digital workflow is critical to understand the clinical outcomes in prosthodontics. The presentation will share the scientific investigations for accuracy involved with the prosthodontic treatments.

Learning Objectives

1. Investigate the accuracy of the digital optical scanners and the treatment outcomes in implant prosthodontics.
2. Investigate the accuracy of virtual articulation and mounting.
3. Understand how accuracy influences the overall digital workflow in prosthodontics.

Biography

Dr. Sang Lee is Assistant Dean for Clinical Affairs in Harvard School of Dental Medicine (HSDM). He also serves in the role of Medical Director of the Harvard Dental Center. He directs all student and patient related clinical activities and oversees daily clinical operations to ensure the highest excellence in standards of care and quality assurance. Prior to taking on this role, Dr. Lee served as Director of Advanced Graduate Education at HSDM, where he was responsible for overseeing 14 advanced graduate programs and leading the Committee on Advanced Graduate Education. He was also the Director of the AGE Prosthodontics program. He is a Diplomate of the American Board of Prosthodontics and serves as Fellow of many organizations including the ACP, GNYAP and the American Academy of Dental Science. He has served as a site visitor and a Review Committee member in CODA. Dr. Lee received his BS from Bucknell University and his DMD from

the University of Pennsylvania. He completed his advanced graduate training at HSDM, receiving a Masters of Medical Science degree in oral biology, a Certificate in Prosthodontics and a Certificate in Implant Dentistry.