



Academy of Prosthodontics Annual Scientific Session VIRTUAL May 21 – 22, 2021

Program Speaker – Lee Culp, CDT

Title

Creating the Virtual Patient for Optimal Diagnosis and Treatment Planning

Abstract

As dentistry evolves into the digital world, the successful incorporation of computerization and new technology will continue to provide more efficient methods of communication and fabrication. The utilization of new digital technology will continue to enhance the close cooperation and working relationship of the dentist/technician team, while at the same time retaining the individual creativity and artistry of the skilled dental technician and dentist. These advancements are not something that will “eventually” emerge in the market, they are realities that are currently being released to further revolutionize the quality of dental care that is being delivered in modern restorative dentistry. The progressive digital laboratory will have the potential to become the ultimate facilitator of design and communication between all specialties of restorative dentistry involved in patient care, as we now have the ability to diagnosis, treatment plan and restore on a virtual patient with multiple combined data sets.

Learning Objectives

1. Learn how to create the virtual patient: with 3D Facial scanning, CT scans, IOS scans.
2. Learn how to use a digital facebow and transfer to the digital articulator.
3. Explore new ways to achieve optimal Dentist/Surgeon/Technician teamwork, using digital communication and design, and new-shared responsibilities.
4. Understand the Restorative services that the Digital laboratory can offer, from simple restorations, Digital Dentures, Orthodontics, to complex Implant and Maxillofacial surgery, using digital imaging technology.

Biography

Lee Culp, CDT is the CEO of Sculpture Studios, a dental laboratory, research and product development center for new and innovative diagnostic and restorative and digital applied applications to surgical and restorative dentistry.

He is the 2007 recipient of the Kenneth Rudd Award from the American Society of Prosthodontics, the 2007 recipient of the AACD Presidents Award for Excellence in Dental Education, as well as the 2003 recipient of the National Association of Dental Laboratories, Excellence in Education Award, and the

2013 American College of Prosthodontics-Dental Technician Leadership Award, and the 2014 Spectrum–Lifetime Achievement in Dentistry award. Lee is an avid writer, and had been a contributor to four dental text books, including a chapter in Dr. Peter Dawson’s book Functional Occlusion: From TMJ to Smile Design.

He is a leading resource/inventor for many of the materials, products, and techniques used in dentistry today, holds numerous patents for his ideas and products, and writes many articles per year. His writing, photography, and teaching style have brought him international recognition, as one of today’s most exciting lecturers and innovative artisans in the specialties of digital dentistry, dental ceramics and functional esthetics.

*Presenter has disclosed Affiliation/Financial Interest with the following companies:
3Shape, Ivoclar Vivadent*