



Academy of Prosthodontics 2026 Annual Scientific Session The Boca Raton Hotel, Boca Raton, FL | May 27-30, 2026

Program Speaker – Wei-Shao Lin, DDS, FACP, PhD, MBA

Title

Technologies and Innovation Advancements in Restoring Complete Edentulous Patients with Dental Implants

Abstract

The treatment of complete and/or single arch edentulism remains a significant priority for dental clinicians. Patients also have emphasized immediate load or restorations with dental implants and often request complex full-arch treatments with shorter treatment times and fewer appointments. Digital technologies can optimize these treatments. This presentation will begin with a review of diagnosis and treatment planning for edentulous patients. This topic will be followed by a discussion of proper case selection, loading protocols, team approach, and prosthetic procedures that play a role in complex therapies. In concert with these topics, new materials, technologies, and prosthetic treatment modalities will be presented that allows the clinicians to gain an understanding of recent advances in dental implant componentry. At last, the potential complications and management of these complications of the implant prostheses will be reviewed and discussed.

Learning Objectives

- Gain literacy in contemporary patient treatment using technology and innovation related to both complete implant-supported or implant-retained fixed / removable prostheses.
- Describe restorative options through patient presentations illustrating recommended clinical guidelines.
- Facilitate effective collaboration between dental clinicians and technicians through emerging technologies.

Biography

Dr. Wei-Shao Lin, DDS, FACP, PhD, MBA, is a tenured Professor and Chair of the Department of Prosthodontics and Co-Director of the ITI Scholarship Center at the Indiana University School of Dentistry. He received his DDS in 2003 from Chung-Shan Medical University in Taiwan, followed by a Certificate in Prosthodontics and a Surgical Implant Fellowship at the University of Rochester in 2010. Dr. Lin also earned a PhD in Educational Leadership and Organizational Development from the University of Louisville in 2020 and an MBA in Healthcare Administration from the University of Southern Indiana in 2022. He is currently pursuing a Master's degree in Artificial Intelligence. Dr. Lin's research interests include dental implants, digital dentistry, and deep learning and neural networks. He has published more than 130 research and clinical articles in peer-reviewed journals. Dr. Lin is a Diplomate of the American Board of Prosthodontics and a Fellow of the International Team for Implantology and the American College of Prosthodontists. He also serves as an associate editor for the Journal of Prosthodontics. Additionally, Dr. Lin maintains an intramural dental implant and prosthodontics practice at the Center for Implant, Esthetic, and Innovative Dentistry at the Indiana University School of Dentistry.

**Speaker has disclosed affiliation with Indiana University School of Dentistry, Straumann, ITI, Stratasys, Keystone Dental*