



**Academy of Prosthodontics 2025 Annual Scientific Session**  
**The Westin Kierland Resort and Spa, Scottsdale, AZ | May 28-31, 2025**

**Program Speaker – Marco Ferrari, MD, DMD, PhD**

**Title**

Clinical Studies of Digital Prosthodontic Materials

**Abstract**

In the recent years, digital dentistry has considerably changed daily dentistry clinical and lab procedures. A wide number of new materials have been proposed and are periodically launched into the market. A wide number of in vitro studies were published on this field, but the number of clinical trials is limited. This presentation will present the performance and behavior of digital materials. Studies on materials and devices for partial and full crowns, bridges, and removable prosthesis will be described. An analysis of the social and economic impact on daily dentistry will also be considered.

**Learning Objectives**

- To overview new digital materials available in the market
- To evaluate their clinical performances and behavior and their different clinical indications
- To evaluate how they can impact on daily dentistry

**Biography**

Dr. Marco Ferrari, graduated in Surgery and Medicine, of University of Pisa (1983), and in General Dentistry at University of Siena (1987). He subsequently completed his PhD at the University of Amsterdam (1995). He has been Research Professor at Tufts University, as well as Full Professor at University of Sienna, Italy, and Dean, School of Dental Medicine. He was appointed Vice Rector of International Relations (2003-2006) of University of Siena, Secretary of National Conference of Schools of Dental Medicine (2006 and 2009), and then President (2009-2016). Beginning in November 2012, he is the Director of the Dental and Medical Biotechnology Department of Siena University and coordinator of the Tuscan School of Dental Medicine of Florence and Siena University. He is appointed Member of the Italian Supreme Council of Health. Dr. Ferrari is Past-President of several organizations including the Academy of Dental Materials, the European Federation of Conservative Dentistry, the Continental European Division (CED) of International Association of Dental Research (IADR), the Dental Material Group of IADR, and the European Prosthodontic Association. He is Editor of the Journal of Osseointegration, Periodontics and Prosthodontics. Dr. Ferrari is author of more than 550 international publications, 260 national publications, and 160 abstracts for international and national congresses. He has a H-index of 118, with more than 50,000 citations.