

## **Dr. David G. Gratton**

### **Title**

Global Perspective on Digital Prosthodontics

### **Abstract:**

Technology is deeply engrained in our personal and social lives, but what about our professional lives as Prosthodontists? Clinical Dentistry (well, at least the dental laboratory industry) has adopted the application of digital technologies. As Prosthodontists has our historically slow uptake been due to our Luddite tendencies, lack of supporting evidence, or simply our comfort with what has worked “so well” for so long? With a plethora of digital technologies now available for all facets of removable, fixed, implant, and maxillofacial prosthodontics, has the all-encompassing digital prosthodontics workflow become an everyday reality? With the adoption of these technologies the roster of the clinical team may change, the role of some players may be enhanced, while others may be minimized, and ultimately new members may be recruited. What is critical is the impact that the adoption of digital prosthodontics has on patient care. These outcomes should always be a primary consideration.

### **Learning Objectives**

1. Highlight evidence for the application of current digital technologies in prosthodontics
2. Discuss limitations and challenges in the prosthodontic digital workflow
3. Explore potential future technology applications in prosthodontics

### **Biography**

DAVID G. GRATTON

Dr. David G. Gratton is Associate Professor, Department of Oral and Maxillofacial Surgery and Director, Division of Maxillofacial Prosthodontics at the University of Iowa, a position he assumed in 2015. Dr. Gratton received his DDS from The University of Michigan (1994), and his Certificate in Prosthodontics (1996) and Masters of Science (1997) from The University of Iowa. Before joining the UI College of Dentistry and Dental Clinics faculty in 2002, Dr. Gratton was Assistant Professor, Schulich School of Medicine & Dentistry, University of Western Ontario, Canada. He is a Fellow of the Academy of Prosthodontics and the International Team for Implantology. His scholarly and lecturing activity comprises evolving digital prosthodontic technologies and CAD/CAM materials. Dr. Gratton’s prosthodontic and maxillofacial prosthetics practice incorporates multiple digital technologies to restore function, form, and aesthetics for patients at the Hospital Dentistry Institute at the University of Iowa Hospital and Clinics.