Sleep Prosthodontics:  
A Biologic Approach to Occlusion, Wear and TMD

Our level of intellectual curiosity, blend of confidence, and continuing education often has us on autopilot in seeking the answers to the question “How?”...yet in our quest for problem-solving, do we consider discovering any of the other interrogatives...

Who are the individuals, both personal and professional, that are being impacted by airway issues? What is the correlation between Sleep and Bruxism? When should the obstructive sleep apnea (OSA) patient seek resolution rather than maintenance? Where is the impact of Fragmentation more significant than Hypoxia?

The future of dentistry is the concept of Airway and the 21st century practitioner must be forward-thinking in not only the various types of mandibular advancement appliances (MAA), but also Why the complementing technology of Pulse Oximetry is integral in patient detection of sleep-related breathing and its impact on dentistry.

This 2-day lecture will present the key features of many of the popular designs of MAA, discussing the advantages and disadvantages that will yield in an Appliance Algorithm. Dr. Rouse will discuss a demonstration of Appliance Seating, incorporating titration and verification modalities. Further still, presenting why high-resolution pulse oximetry in both diagnosis and titration will be reinforced by actual data from a sample of patients, highlighting Patient Detection in Sleep Prosthodontics.

Airway Prosthodontics and Airway-based occlusion is no longer simply trending, it is a part of our daily regimen, personally and professionally. Join Dr. Rouse in an engaging lecture and hands on presentation, explicating the myriad of issues that are all connected to Airway, past, present, and future.

Learning Objectives/Course Outcomes:

- Clarify the sleep-disease connection including dental diseases such as caries, periodontal disease, dental erosion, and nocturnal bruxism
- Illuminate the unique role that dentists and dental hygienists play in resolving sleep and airway issues
- Create an algorithm for appliance selection and simplify the seating and titration process
- Understand the value of high-resolution pulse oximetry in assisting dentists to envision airway transformation with an oral appliance