Morning Presenter: Steve Carstensen, DDS

Lecture 1: The Primary Care Dentist's Role in Sleep and Breathing

Overview
This lecture examines the role of dental professionals in identifying, evaluating, and managing sleep-related breathing disorders. Participants will explore the relationship between dental conditions and sleep-disordered breathing, including the impact on treatment planning and patient outcomes. The course will review diagnostic pathways, patient communication strategies, and therapeutic options such as oral appliance therapy, with consideration of associated risks and complications.

Learning Objectives
After completing this activity, the learner will be able to:

- **Recognize** the impact of sleep-related breathing disorders on oral health and dental treatment planning
- **Discuss** appropriate evaluation, diagnosis, and referral pathways for patients with suspected sleep apnea
- **Implement** basic principles of oral appliance therapy and identify potential complications

Lecture 2: Early Proactive Intervention Sets Up Optimal Breathing for Life

Overview
This lecture focuses on the role of early intervention in establishing healthy breathing patterns and supporting craniofacial development. Participants will examine how structural and behavioral factors influence airway function across the lifespan. The course will address identification of patients with compromised nasal breathing, appropriate referral and treatment strategies, and practical approaches to improving airway health in both pediatric and adult populations.

Learning Objectives
After completing this activity, the learner will be able to:

- **Evaluate** nasal function and identify patients who may benefit from intervention
- **Explain** the impact of breathing patterns on craniofacial growth and development in children
- **Demonstrate** patient education strategies to support improved breathing patterns across age groups

Afternoon Presenter: Aaron (Seok Hwan) Cho, DDS, MS, MS, FACP, FACD, CDT

Lecture 1: 4 Strategies for CAD/CAM Fundamentals for Digital Chairside Workflow

Overview
This lecture provides a structured, clinically focused introduction to CAD/CAM dentistry and its application in chairside workflows. Participants will be guided through the key components of digital dentistry, including data acquisition, design, material selection, and fabrication processes. Emphasis will be placed on clinical decision-making, workflow integration, and practical application rather than

software-specific techniques. Current and emerging technologies, including advanced CAD/CAM systems will also be reviewed to support evidence-based adoption in clinical practice.

Learning Objectives
After completing this activity, the learner will be able to:

- **Describe** fundamental CAD/CAM concepts and terminology relevant to clinical dentistry
- **Outline** the steps involved in a complete chairside digital workflow
- **Assess** the clinical applications, advantages, and limitations of current and emerging digital technologies

Lecture 2: D.E.A.R. Full-Arch Digital Impression

Overview
This lecture provides a comprehensive, clinically oriented review of full-arch implant digital impression techniques. Participants will examine various digital systems, including scan body workflows, marker-based systems, photogrammetry, and hybrid approaches. The presentation will highlight key clinical considerations such as accuracy, efficiency, and workflow integration. The D.E.A.R. (Digital Engineering–Analog Reflection) concept will be introduced as a framework for combining digital technologies with established prosthodontic principles to improve treatment predictability.

Learning Objectives
After completing this activity, the learner will be able to:

- **Classify** current full-arch implant digital impression systems and workflows
- **Compare** the clinical performance, advantages, and limitations of different digital impression techniques
- **Apply** principles of digital impression workflows to enhance predictability in implant prosthodontic treatment