

# CE Sessions, bios

## Caren M. Barnes, RDH, MS

### Bio

Professor Barnes received her Bachelor of Science Degree in Dental Hygiene at Texas Woman's University in 1973 and her MS in Dental Hygiene Education and Research from UMKC School of Dentistry in 1974. She has been involved in Dental Hygiene education and dental research since 1975. She currently serves as a Professor and Coordinator of Clinical Research at the University Of Nebraska Medical Center College Of Dentistry. Prior to her position in Nebraska, Caren was a Professor and Baccalaureate Dental Hygiene Program Director at the University of Alabama at Birmingham.



### CE sessions

***Session 1: A Scientific Evidenced-Based Primer on Airpolishing for Dental Hygiene Practice***

**Course Description:** This course will focus on the applications of airpolishing to maintain aesthetic restorations and implants and how airpolishing can be an ideal treatment for peri-implantitis. The course will discuss the appropriate technique for supragingival airpolishing and subgingival airpolishing as well as the importance of powder selection when using airpolishing. Clinical and scanning electron photographs will be utilized. All information related to this presentation will be referenced from published, scientific evidence.

### Course Objectives:

Upon completion of this scientific evidenced-based course the participant will be prepared to:

1. Describe the difference in technique and armamentarium utilized for supragingival and subgingival airpolishing.
2. Identify the precautions that should be taken in airpolishing and the importance of patient selection.
3. Utilize airpolishing in treatment planning for patients with prosthetic and/or aesthetic restorations and implants.
4. Discuss the reasons that airpolishing can be an ideal method for treating peri-implantitis and for maintenance of implants.
5. Describe the appropriate uses for the following airpolishing powders: aluminum trihydroxide, calcium carbonate, calcium sodium phosphosilicate (novamin), erythritol, and sodium bicarbonate.
6. Identify the airpolishing powders that are contraindicated on composites, glass ionomers, porcelain, amalgam, gold, and implant materials.
7. Identify the airpolishing powders that are contraindicated for use in subgingival airpolishing.
8. Discuss the importance of airpolishing powder selection.

## ***Session 2: A Critical Need For Dental Hygienists in Hospitals and Long-Term Care Facilities: Prevention of Aspiration Pneumonia***

**Course Description:** The number one cause of morbidity, mortality in long-term care facilities (nursing homes) and hospitals is aspiration pneumonia. Additionally, aspiration pneumonia is the number one cause for readmission of patients back to the hospital from long-term care facilities. The etiology of aspiration pneumonia is directly related to the failure of hospital and long-term care personnel to remove oral plaque biofilms on a daily basis, which is scientifically documented. This program offers a solution for the expertise of dental hygienists to be utilized in these facilities to supervise those who are responsible for daily oral care and to provide direct care services to patients. All information related to this presentation will be referenced from published, scientific evidence.

### **Course Objectives:**

Upon completion of this scientific evidenced-based course, the participant will be prepared to:

1. Discuss the terms nosocomial infections and aspiration pneumonia.
2. Discuss the etiology of nosocomial infections and when they occur.
3. Discuss the prevalence of nosocomial infections in the United States.
4. Discuss the reasons for the sharp rise in the rates of aspiration pneumonia in the United States and worldwide.
5. Discuss the effect of hospitalization on dental plaque and the oral cavity.

## **Chuck Underwood**

### **Bio**

Mr. Underwood is the founder and president of the Ohio-based consulting firm, The Generational Imperative. He has been studying generational dynamics for more than a quarter-century and is one of the pioneering scholars in this field. He is the host of the national-television series on PBS, America's Generations With Chuck Underwood.



### **CE sessions**

8:00-9:00 am, Keynote Address: ***"The Generational Imperative"***.

For the first time in U.S. history, there are five living generations of Americans. Each generation is defined by the unique core values that guide its decisions as consumers, workers, family members, and citizens. And the field of Generational Study is now in place to help us to understand and effectively deal with the G.I. Generation, Silent Generation, Boomers, GenX, and Millennials: as our employees, patients and family members, vendors, and members of our communities. In this keynote address, Mr. Underwood will introduce us to America's Generations and explain how generational dynamics disrupt--usually in a good way--the American marketplace and workplace.

9:30-11:30 am: ***"Generational Workforce Diversity"***. Three, and sometimes four, unique generations work in America's dental practices. Each generation brings to the job unique workplace values, attitudes, skills, strengths, weaknesses, and preferences for the way they work and are managed. In this session, Mr. Underwood will introduce

each generation and then discuss with us the best ways for us to celebrate our generational diversity and create intergenerational understanding, acceptance, harmony, and teamwork amongst all employees.

1:00-4:00 pm: ***"Generational Patient Care and Customer Service Strategy"***. This session extends Mr. Underwood's prior session into the arena of patient care and customer service. Each generation possesses unique expectations, preferences, and needs for the patient care and customer service they receive from us. As Mr. Underwood will explain, we must all develop a Generational Gearbox, which will enable us to shift gears smoothly and instantly when dealing with our patients and their family members from one generation to the next.

## **Joshua Nehring, DDS**

### **Bio**

Dr. Nehring graduated from Dental School in 2011 from Virginia Commonwealth University located in Richmond, Virginia. He graduated with honors and received the Dental Student Award for Achievement in Periodontology and the Hanau *Best of the Best* Excellence in Prosthodontics Award. He was the recipient of the Preston D. Miller Sr. Scholarship Award. He was also the recipient of the A.D. Williams Student Research Fellowship Award for two years. While in Dental School he published an article in the Journal of the American Dental Association.

He attended Periodontal Residency at the University of Nebraska Medical Center in the Department of Surgical Specialties at the College of Dentistry in Lincoln Nebraska. His training was built on a foundation of traditional Periodontal therapy, advanced techniques for soft and hard tissue augmentation, IV sedation, implant therapy, and esthetic reconstruction.

Dr Nehring is a member of the American Academy of Periodontics, the American Dental Association, Academy of Osseointegration, and the South Dakota Dental Association.



### **CE session**

Course title: ***"Periodontal Therapy Protocol"***

Course outline:

- Brief review of periodontal disease pathogenesis and epidemiology
- Rationale for having a periodontal treatment protocol
- Periodontal evaluation and treatment planning
- Patient education and management
- Periodontal treatment protocol flow sheet
- Insurance codes
- Suggestions in regard to when and how to refer a periodontal patient
- Dealing with the refused referral
- Instrumentation tips and tricks.

# Tammie Keefner, RDH, RN

## Bio

Tamara Keefner has been a dental hygienist in Rapid City for 26 years. She has worked in pediatrics and general family practices. In 2013 Tamara graduated with a baccalaureate degree in nursing. She was a medical surgical nurse at Rapid City Regional Hospital. She is currently working on a PhD in nursing while practicing dental hygiene part time and teaching undergraduate nursing acute care and community health at SDSU. Her research interests include studying critical thinking and intuitive-knowing in nursing practice. She is currently developing a non-profit organization that provides spiritual support and education for those who are dealing with suicidal circumstances. Professional affiliations Midwestern Nursing Research Society, Sigma Theta Tau International Honor Society of Nursing, and the American Nurses Association.



## CE session

Course title: ***"Bridging the gap: What Nurses and Hygienists need to know about inflammation and the oral systemic link"***

Course outline:

- I. Introduction
  - A. What Hygienists know
  - B. What nurses are taught about dental health
- II. Understanding the inflammatory process
  - A. The connection to periodontal disease and type II diabetes
  - B. Other systemic connections
- III. Stories from my experiences as a nurse and a hygienist

Objectives: Understanding of the unique roles of nurses and hygienists in prevention and treatment of inflammation, understanding the link between chronic inflammation and systemic health, and how we can work together to better the health of our patients.