

Cincinnati Dental Society's Change for the November 4, 2022 CE Lecture!

Due to unforeseen circumstances, Karen Davis, our 11/4/22 speaker is unable to be with us. Karen provided us with recommendations. Our Program Committee met on September 28, 2022 with Casey Hein and feel confident that she will be an excellent stand-in.

Karen sends her regrets and appreciates the CDS's understanding.

Below is information on Casey Hein and the lecture she will be presenting. If you registered for this one-day course or are bringing your staff and are not interested in the new CE lecture, you may request a refund. Refunds do not apply to registrants of the full series.

Please contact Vicki Nixon *BY OCTOBER 21, 2022* either by email, vicki@cincinnatiadental.org or at the office 513-984-3443 if you *WISH TO RECEIVE A REFUND* or have any questions.

Thank you for your understanding.

Lecture Title: Implementing the 2017-18 Classification System for Periodontal and Peri-Implant Diseases and the Influence of Periodontal-Systemic Factors

Casey Hein, BSDH, RDH, MBA

Suggested Audience: Dentists, dental hygienists, dental assistants, and business staff

In 2017, a new way of thinking about the diagnosis and long-term stability of periodontitis was introduced. The American Academy of Periodontology and the European Federation of Periodontology convened a workshop to update the periodontal disease classification system and to develop a diagnostic framework that aligned with current evidence and new insights relative to the etiology of periodontal and peri-implant diseases and conditions. With this new classification system, we now have a framework for evaluating periodontitis based not only on the severity of the disease (as in the past), but also its rate of progression, which is often influenced by modifiable risk factors, which can be local, systemic, and environmental. The new classification system also incorporates the potential for periodontal treatment to influence the course of an inflammatory-driven disease or condition, such as diabetes. To operationalize the new classification system, we must become comfortable with assessing dynamic changes in the rate of periodontal disease progression, and understanding how systemic factors influence the disease trajectory, and vice versa- both which require more critical thinking than what we've experienced in the past. The new classification system also requires us to use our knowledge of periodontal-systemic science, and clinical judgement.



Learner Participation:

This timely program begins with an overview of various periodontal-systemic links and explores the framework for the 2017-18 classification. Casey will walk learners through the process of staging, grading, and monitoring periodontal disease activity during long-term maintenance. At the end of the

morning, Casey will distribute a number of case studies to be discussed during a working lunch that will challenge individual offices (working as a team) to assign a stage and grade in the classification process and share applicable professional experiences.

When the course reconvenes in the afternoon, representative from each group will present their findings on the case studies which may spark lively and insightful conversations.

Upon successful completion of this course, participants will be able to:

1. Explain to patients the biological mechanisms implicated in the inflammatory pathway linking periodontal disease to a number of life-altering diseases and conditions.
2. Identify patients who are inflammatory primed and determine how this may influence their risk or progression of periodontal deterioration.
3. Identify patients' periodontal risk factors and implement continuous risk assessment to monitor periodontal stability.
4. Recognize medications that may influence a patient's diagnosis, treatment, and long-term stability of periodontitis.
5. Describe how genetic predisposition to periodontitis influences the risk of periodontal disease progression.
6. Diagnose the extent, severity, and rate of progression (staging and grading) of cases of periodontitis utilizing the 2017 guidelines from Classification of Periodontal & Peri-Implant Diseases and Conditions.
7. Accurately perform a periodontal evaluation.
8. Implement adjunctive therapies that help to stabilize patients during long-term periodontal maintenance.
9. Detect the earliest stages of periodontal disease.
10. Identify the things that may be hijacking your diagnosis of early-stage periodontitis.
11. Identify periodontal disease instability in the reduced periodontium of patients undergoing long-term maintenance.
12. Determine which cases in your practice might benefit from referral to a periodontist.

About Casey Hein:

With over has over 40 years' experience as a dental hygienist in private practice, public health, education, and government, Casey is an internationally-recognized speaker and extensively published author. She first began speaking about periodontal-systemic links in 2003 and founded the first publication on oral-systemic science, called *Grand Rounds in Oral- Systemic Medicine*. She is a pioneer in implementation of periodontal-systemic science, medical-dental collaboration, and providing primary care services (traditionally delivered by physicians and nurses), in dental offices. Casey was an Assistant Clinical Professor in Periodontics and Director of Education of the International Centre for Oral-Systemic Health at the University of Manitoba, leading the development of the first comprehensive curriculum about oral health for non-dental healthcare providers. This won for the University the prestigious William J. Gies Award for Outstanding Innovation. She was accepted into the National Speakers' Association in 2008, and she has been continuously voted among *Dentistry Today's* Top 100 Clinicians/Consultants. Casey maintains a faculty appointment as an Assistant Professor in the School of Dental Hygiene at Manitoba and provides accredited continuing education courses through the robust blackboard technology on her website, www.caseyhein.com. She enjoys speaking at major conferences, writing, and consulting, and participates on a number of advisory boards. She lives in the woods of West Virginia just outside Washington DC, where she road bikes and cherishes spending time with grandchildren in nature.

