DALHOUSIE UNIVERSITY | FACULTY OF DENTISTRY Continuing Professional Education

Antibiotics in dentistry: When, why, and how? A comprehensive evidence-based update

DNTL-DENT0198-001 & 002

Course Description

Antibiotic use is an important part of modern dental practice, and it is imperative to ensure the optimal and justifiable use of antibiotics to achieve therapeutic goals while minimizing adverse effects and the risk of antibiotic resistance. This comprehensive continuing education lecture is designed to equip dental professionals with the knowledge and skills to make informed decisions about antibiotic use in various clinical scenarios. Delivered by two periodontists who are also clinician-scientists, this lecture bridges the gap between evidence-based research and clinical practice. With their expertise in both advanced clinical care and academic research, the presenters will provide an in-depth exploration of when, who, and how to prescribe antibiotics effectively in dental practice.

What you will learn

The session will cover key topics, including:

- Understanding Antibiotic Indications: Learn when antibiotics are truly warranted, focusing on periodontal procedures, dental extractions, implant placement, and infection management.
- Patient-Centered Prescribing: Explore patient-specific factors, such as medical history, comorbidities, and risk of infection, to tailor antibiotic use for optimal outcomes.
- Best Practices for Prescribing: Gain practical guidance on selecting the right antibiotics, determining appropriate dosages, and setting treatment durations to maximize efficacy while reducing risks.
- Addressing Antibiotic Resistance: Understand the growing global challenge of antibiotic resistance and how to implement strategies for responsible prescribing in your practice.

Throughout the lecture, the presenters will discuss real-world case studies to illustrate complex scenarios and provide actionable takeaways. The interactive format encourages questions and discussions, ensuring that participants leave with a comprehensive understanding of how to integrate these principles into daily practice.
This course is ideal for general dentists, periodontists, oral surgeons, and dental hygienists seeking to enhance their knowledge of antibiotic use in dentistry.

Date
Saturday November 29, 2025

Presentation Times
9:00 am to 12:00 pm

Method
Lecture in-person & Online

Early Bird Fees*

DDS	$310
ADHP	$130

Regular Fees

DDS	$345
ADHP	$170

*** Early Bird rates valid till November 9, 2025**

Check-in
8:30 am

CE Credits
3 CE Lecture hours

Location
Dalhousie University, Faculty of Dentistry

More Information
902-494-1674

Dr. Zeeshan Sheikh

Dip.Dh, BDS, MSc, M.Perio, PhD, FRCDC, Dip-ABP

Dr. Sheikh is a Clinical Scientist in Periodontics at Dalhousie University's Faculty of Dentistry, an Adjunct Professor at McGill University, and a Status-Only Assistant Professor at the University of Toronto. He holds the titles of being a Fellow of the Royal College of Dentists of Canada and a Diplomate of the American Board of Periodontology.
With extensive training as both a dental clinician and a biomaterials scientist, Dr. Sheikh's expertise spans biomaterials research, clinical dentistry, surgical periodontics, and implantology. He also practices privately at Park Lane Dental Specialists.

Dr. Anjali Bhagirath

B.D.S., M.Sc., Ph.D., F.R.C.D.C

Dr. Anjali Bhagirath is an Assistant Professor in the Department of Periodontics at Dalhousie University’s Faculty of Dentistry. She is a Periodontist and Microbiologist with a strong background in research, clinical practice, and teaching.
A well-published author, Dr. Bhagirath's research focuses on oral-systemic interactions and host-pathogen dynamics at mucosal interfaces. Her work explores the impact of the oral microbiome on systemic health, contributing to advancements in periodontal and microbiological research. Dr. Bhagirath is actively involved in clinical periodontics and is passionate about translating scientific discoveries into improved patient care.