

5-DAY COURSE FOR NON-DENTAL

ONLINE

DAY 1 Understanding Inflammation: Part 1

- Overview and Structure of 2 part Course: A Comprehensive Dental Approach
- Transitioning Roles: From Doctor to Dentist
 - Infectious Inflammation: Periodontal Disease and Endodontics

Understanding Inflammation Part 2

- Osteoimmunology: Bridging Bone Health and Immunity - Aseptic Inflammation
- Comprehensive Medical Diagnostics in Dentistry: From Blood Pressure Monitoring to Advanced Laboratory Testing
 - Integrative Insights: Exploring the Interplay Between Systemic and Oral Health

DAY 3 Implementation

- Approaches to Anamnesis, Diagnostics, and Case Analysis
- Develop a plan for integrating dental analysis into daily workflows.
 - Periodontal disease (bone level assessment, calculus, furcation involvement) and FDOJ

Common Dental Pathologies

- Dental caries (recognizing radiolucencies in enamel/dentin)
- Periapical pathology (abscesses, cysts, granulomas)
- Restorations and endodontic treatments (fillings, crowns, root canal fillings)

DAY 2 Principles of Reading dental x-rays

- Understand the role of dental X-rays in overall patient care
- Recognize common dental or oral conditions visible on radiographs
 - Types of dental radiographs - 2D and 3D

Dental and Oral Anatomy for Imaging

- Dental Nomenclature: Tooth numbering systems (Universal, FDI) and basic tooth morphology (incisors, canines, premolars, molars).
- Jaw and Facial Structures: Maxilla, mandible, TMJ (temporomandibular joint), and the maxillary sinus.
- Important Anatomic Landmarks: Mental foramen and mandibular canal (critical for radiographic interpretation).

LIVE

DAY 2 Medical dentistry

- Patient-Specific Case Analysis: Lab Work, Infusions, and Non-Invasive Therapies
- Decision-Making Algorithms: Integrating Dark Field Microscopy
 - Core Principles: Detoxification and Rebuilding Strategies in Dental Therapies
 - Interactive Discussion: Sharing Perspectives and Approaches

Hands on

- Real Patient Case Analysis: Each participant should bring five 2D panoramic X-rays and five 3D CBCT scans, preferably from the same patient.

DAY 1 Practical insights in dental therapies

- Pre-Recorded Case Studies: Infectious and Aseptic Inflammation
- Extractions and other specific topics related to everyday practice
 - Interactive Session: Open Discussion and Q&A

Advancing Dental Materials and Techniques

- Innovative Materials and Methods Across Dental Specialties
- Bioceramic Materials and Resin Composites - what to ask and advise patients
 - Bioceramic Dental Implants: Optimizing Osseointegration and Techniques for Enhancement

