Understanding and Managing Cracked Teeth

In 1964, Cameron introduced the cracked tooth syndrome diagnosis to the profession. In 2018, the problem is more serious than it was in 1964. In general, knowledge on the subject of cracked teeth remains limited. There is more to the subject of cracked teeth than what you were taught in dental school.







Line Crack

Fissure Crack

Fracture Crack

The Abou-Rass 3x3 classification of cracked teeth provides clinicians with observable clinical criteria to diagnose and treat the different types of tooth structure cracks commonly encountered in dental patient care.

In clinical practice, teeth presenting with line, fissure, and fracture cracks may each demand unique treatment plans; not every cracked tooth should be extracted. General practitioners need this information and these skills to be able to best diagnose and educate their patients, and to treat or refer them to appropriate specialist when indicated.

This course offers Dr. Abou-Rass's groundbreaking expertise and career-spanning insight into the role of tooth structure crack (TSC) in the modern dental practice. In this session, attendees will learn how undiagnosed or misdiagnosed tooth cracks can affect or complicate endodontic, periodontic, or restorative treatment outcomes.

Dr. Abou-Rass approaches the diagnosis and treatment of tooth structure cracks according to his own 3x3 tooth structure crack classification system (anatomic, clinical, pathologic), the clinical application of which is covered in depth in this course, and explains the guiding principles, clinical and biological rationales for his treatment approach's philosophy.

In addition to methods for and the importance of ruling out cracks before treatment planning, along with updated information about the etiologic role of abusive restorations, Dr. Abou-Rass also addresses the role of endodontic and post placement procedures in causing tooth structure cracks.

Learning Objectives:

- Define The 4R Operational Diagnosis Protocol in managing cracked teeth.
- Describe how tooth structure cracks complicate and affect dental treatments.
- Understand the definitions, classification, etiology and initiation mechanism of tooth structure cracks.
- Use the 4R Operational Diagnosis Protocol in the differential diagnosis of many types of dental resorption commonly encountered in the dental practice.

Suggested Audience: General Practitioners

Suggested Format: Full Day, Partial Day, Keynote; Lecture and Demonstration



