

# CBCT evaluation of the TMJ & airway

22nd-23rd March 2024, Dijon, France



## Course overview:

The aim of this course is to teach clinicians how to look for radiographic diagnostic clues that may indicate the presence of TMD or sleep-disordered breathing in their dental patients. Taught by Dr. Dania Tamimi, an Oral and Maxillofacial Radiologist and author of a textbook on the subject, "Specialty Imaging: Temporomandibular Joint and Sleep-Disordered Breathing", the course will include a comprehensive review of TMJ and upper respiratory tract anatomy as visualized on CBCT volumes of the TMJ. She will review the growth and development of the TMJ and how dysfunction can change the morphology of the oral and maxillofacial complex, including the airway, and how to diagnose some of these dysfunctions using CBCT. The relationship of the TMJs and airway to the occlusion will be discussed in light of bite changes that may affect the final restorative and prosthodontic outcome if undiagnosed. With the correct diagnosis of the patient comes higher likelihood of treatment outcome success.



*Dr. Dania Tamimi*

Dr. Dania Tamimi graduated with a dental degree from King Saud University, Riyadh, Saudi Arabia. She trained at Harvard School of Dental Medicine and earned a doctorate of medical science (DMSc) and certificate of fellowship in Oral and Maxillofacial Radiology in 2005. She is board certified by the American Board of Oral and Maxillofacial Radiology (ABOMR) and is a Fellow of the Royal College of Physicians and Surgeons (Glasgow).

She is a reviewer and an Editorial Board member for Oral Surgery, Oral Pathology, Oral Medicine and Oral Radiology (OOOO), as well as a reviewer for DMFR, Oral Radiology, Head and Neck, Angle Orthodontist and AJO-DO. She is the lead author on two textbooks: "Specialty Imaging: Dental Implants" and "Specialty Imaging: Temporomandibular Joint and Sleep-Disordered Breathing" and a co-lead author on "Diagnostic Imaging, Oral and Maxillofacial". She lectures nationally and internationally. She currently runs her oral and maxillofacial radiology private practice in Orlando, Florida.

## Course objectives:

To review the MRI of the TMJ and CBCT imaging of the TMJ and upper respiratory tract; to familiarize the participant with the normal anatomy of the major contributors to TMD and sleep-disordered breathing; Understanding the correlation between TMD and airway and how it presents radiographically; Understanding the relationship between the occlusion and the TMJs and the airway.

### Program Outline:

#### **Day 1:**

Introduction and Review of normal anatomy and internal derangement and how these present radiographically.

CBCT evaluation of degenerative joint disease and its sequela (facial growth and asymmetry).

Evaluation of bite changes in relation to TMJ and Airway.

Review of upper respiratory tract anatomy and radiographic evaluation for sleep-disordered breathing risk factors.

#### **Day 2:**

CBCT case review of Complex TMJ and airway cases

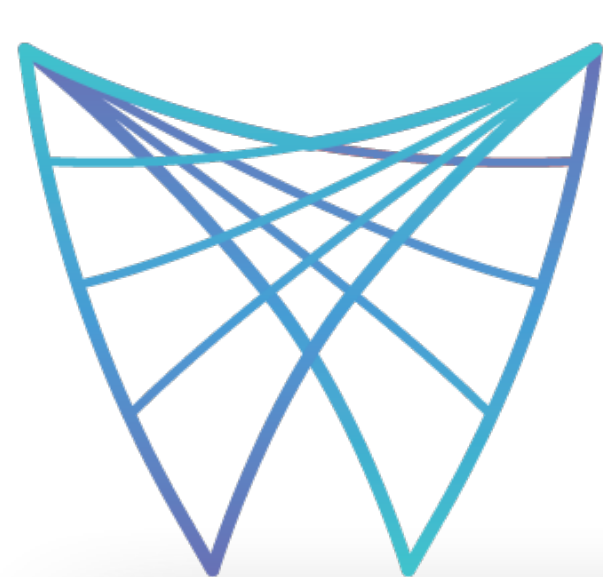
Hands-on CBCT diagnosis

Partenaires:



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X 1560 € CBCT evaluation of the TMJ & airway, theory & practice (2 days)

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**Dates : 22nd-23rd March 2024**

DIJON, english edition

