

# Understanding the TMJ and Airway

– *A Radiographic Exploration*

## DATES

January 28th and 30th, 2022  
(Two Day Course)

## TIME

9:00 am- 2:00 pm ET

## LOCATION

Virtual

## COST

\$1000

LECTURE COURSE TAUGHT BY

**Dr. Dania Tamimi**

9 CE hours

**EXCELLENCE IN  
IMAGING**



## Dania Tamimi, BDS, DMSc

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).

She is a reviewer and an Editorial Board member for Oral Surgery, Oral Pathology, Oral Medicine and Oral Radiology (OOR), 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" (which has been translated to Portuguese and Russian) and "Specialty Imaging: Temporomandibular Joint" (translated to Spanish) and a co-lead author on "Diagnostic Imaging, Oral and Maxillofacial" (translated to Spanish). She lectures nationally and internationally.

She currently runs her oral and maxillofacial radiology private practice in Orlando, Florida.

## COURSE DESCRIPTION

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", the course will include a comprehensive review of TMJ and upper respiratory tract anatomy as visualized on CBCT and MRI volumes. 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.

## COURSE OBJECTIVES

- To review the MRI 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

## SCHEDULE

### Friday, January 28<sup>th</sup>

9:00 – 10:30

Introduction  
and MRI evaluation of  
TMJ normal anatomy  
vs. internal derangement

10:30 – 11:00

Break

11:00 – 1:30

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

1:30 – 2:00

Cases review/  
Questions

### Sunday, January 30<sup>th</sup>

9.00 – 11:00

Evaluation of  
bite changes in relation  
to TMJ and Airway

11:00 – 11:30

Break

11:30 – 1:30

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

1:30 – 2:00

Cases review/  
Questions

## BONUS LEARNING OPPORTUNITY

Following the live course and for an additional fee of \$560, you have the option to schedule a two-hour private session with Dr. Tamimi to review your personal learning needs when it comes to radiology and perform hands-on CBCT interpretation. Simply go to our website at [Private, Virtual Education by BeamReaders](#) and select Dr. Tamimi's two-hour course called 'Private Hands-On Follow-Up to How to Read a CBCT.' This time will be custom-tailored to your personal learning objectives. In addition, we will be providing you with a trial license for a 3D viewing software to help you meet those objectives and learn 'How to Read a CBCT.'

## REFUND POLICY

A full refund minus processing fees will be issued for cancellations made up to 15 days prior to the start of the course. A 50% refund will be provided for cancellations from 15 days until the day of the course.



This continuing education on activity has been planned and implemented in accordance with the standards of the ADA CERP through joint sponsorship between Big Sky Seminars and BeamReaders.

Big Sky Seminars is an ADA CERP Recognized Provider and designates this activity for 9 hours continuing education credit.

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BeamReaders receives no commercial support for this course.

To register please visit [www.beamreaders.com/education](http://www.beamreaders.com/education). Contact is Barney Gill at [barney@beamreaders.com](mailto:barney@beamreaders.com)