

# **Basic Users Cone-Beam CT (CBCT) Course -**

## Level 1

This course will provide the practitioner with a thorough knowledge of the principles behind CBCT, including: CBCT image and technique selection; reducing radiation risk; understanding 3D anatomical variations; recognizing key pathological processes; and the process of CBCT interpretation and reporting.

By the end of the course, participants will be able to:

- Understand the basic principles of CBCT
- Appreciate the risks associated with ionizing radiation and how to minimize exposure
- Recognize when to prescribe CBCT scans based upon high-yield criteria and minimized radiation dose
- Review associated anatomy and the basics of pathology
- Provide basic interpretation to create a report of CBCT images and identify when to refer for a second opinion or over-read

Time	Topic	Presenter
10:00- 10:50 am	CBCT Basic Principles	Andre Mol, DDS, MS, PhD
10:50- 11:40 am	Anatomy	Christos Angelopoulos, DDS, MS
11:40- 11:55 am	Break	
11:55- 12:45 pm	Radiation Safety	Jeff Price, DDS, MS
12:45- 1:35pm	Guidelines/ Technique Selection	Sharon L. Brooks, DDS, MS
1:35- 2:45pm	Lunch Break	
2:45-3:35pm	Principles of Interpretation & Review of Cases	Maria Mora, DDS, MS
3:35- 3:50pm	Break	
3:50-4:40pm	Incidental Findings	Allan G. Farman BDS, PhD, MBA
4:40- 5:30pm	Reporting & Legal/ Ethical Methods	Dale A. Miles, DDS, MS

\* Following the course, participants must complete an online exam on the AAOMR website to attain the AAOMR Certificate of CBCT Level 1 Competency in CBCT applications and safety.

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