Mesaros Symposium

Oral and Maxillofacial Radiology Today and Tomorrow: A Review of Current Technologies and What the Future Holds

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Erickson Alumni Center

Register Online at
http://ce.wvu.edu/mesaros/

Course Description

The use of oral and maxillofacial radiology (OMFR) techniques are a critical component of diagnosis and treatment in oral healthcare. While oral health professionals continue to use radiographic techniques that have remained relatively unchanged for many years, we are also implementing the use of newer imaging modalities, such as CBCT.

This course will provide the oral health professional with an overview of current oral and maxillofacial imaging modalities and how to select the imaging modality best suited for the clinical situation. An in-depth review of CBCT scanning will be provided, and the speaker will share findings, some common, some uncommon, found in CBCTs within his OMFR practice.

The afternoon session will focus on artificial intelligence (AI), machine learning, and the future these technologies may bring to oral and maxillofacial radiology.

Agenda

8:00 am	Registration
9:00 am	OMFR Overview
10:30 am	Break
10:45 am	CBCT Review and Incidental Findings
12:00 pm	Lunch
1:00 pm	Artificial Intelligence, Machine Learning, and the Future
3:00 pm	Wrap Up and Questions
3:15 pm	Adjourn

Fees

WVU Faculty, Residents, Staff and Students	FREE
Non-WVU Attendees	$50.00

Target Audience

WVU School of Dentistry Faculty, Residents, 3rd and 4th Year Dental and Dental Hygiene Students, and Practicing Dentists and Dental Hygienists.

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Learning Objectives

Following completion of this lecture-based activity, participants should be able to:

- Recognize available imaging modalities for diagnosing clinical conditions
- Select what imaging modality to use and when
- Recognize key 3D anatomical landmarks as visualized on CBCT scans
- Recognize some important incidental findings based on the anatomical region and clinical
- Describe the fundamentals of artificial intelligence and machine learning
- Describe the applications of artificial intelligence in medicine and dentistry

Disclosure

All those in a position to control content have indicated they have no relevant interests to disclosure.

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The WVU School of Dentistry designates this activity for 5 continuing education credits.

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Participants are cautioned about the potential risk of using limited knowledge when incorporating new techniques and procedures into their practices.

Contact Kim George-Warnick for more information at 304-293-2521 or kimberly.georgewarnick@hsc.wvu.edu.