Mesaros Symposium

A Dentist's Digital Journey - How to Utilize Dental Technology to Optimize Efficiency and Clinical Outcomes in a Practice
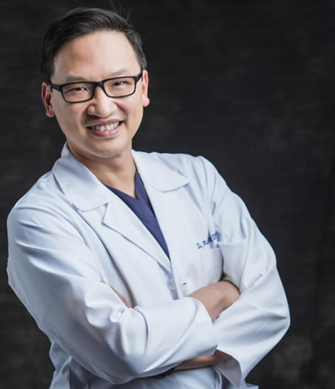

Dr. Michael Yeh, DDS, MSD
Diplomate ABOI, ICOI, ADIA, educator, private practice

September 8, 2023
The Erickson Alumni Center Grand Hall ABC
Register Online at http://ce.wvu.edu/mesaros

Course Description

The use of digital technology has become a critical component of dentistry to transform dental practices in many areas such as implant dentistry, orthodontics, periodontics, prosthodontics, and cosmetic restorative dentistry. While many dental professionals continue to use traditional analog techniques, newer digital technology such as CBCT, intraoral scanning 3D printing, 5-axis wet/dry milling, digital implant planning guide software and CAD/CAM softwares have proven to deliver better and faster clinical outcomes. This course will provide a comprehensive overview of current digital technology, its advantages and pitfalls. This course will also instruct on methods to select the most suitable technology for various clinical cases. The afternoon session consists of an in-depth discussion of IOS scanning, implant planning software, CAD/CAM software, 3D printing and milling, case-based dental material and technology choices, and future application of these technologies; for those who have expanded interests in the subjects.

Target Audience:

This course is recommended for WVU School of Dentistry Faculty, Graduate Program Residents, 3rd & 4th Year Dental and Dental Hygiene students, Practicing Dentists and Dental Hygienists, Rural Health Preceptor Faculty.
(Students and Faculty with clinical responsibilities-AM Session ONLY)

Class Schedule:

Time	Activity
8:00 a.m.	Registration and Light Breakfast
9:00 a.m.	Digital Technology Overview, a Dentist's Journey
10:30 a.m.	Break
10:45 a.m.	Digital Technology for Clinical Practice
12:00 p.m.	Lunch and Celebration of 30th Anniversary of the Rural Health Program in Dentistry
1:00 p.m.	IOS scanning Facial Scanning, CAD/CAM Design, 3D Printing (*Recommended for interested faculty, Graduate program faculty, residents, dentists and dental team only)
2:30 p.m.	Break
2:45 p.m.	Software Demonstration and Clinical Case Discussions
3:15 p.m.	Wrap Up and Q&A
4:00 p.m.	Adjourn

Learning Objectives:

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

1. Recognize current available digital technologies for improving efficiency and clinical outcomes in a dental practice.
2. Compare traditional analog techniques and describe applications of digital technology in different clinical disciplines.
3. Describe treatment planning of multi-disciplinary cases and management of clinical complications.
4. Identify and select the most suitable technology, equipment and dental material for various clinical applications.
5. List the essential steps for using digital technology in facially generated treatment planning.

Celebration of 30th Anniversary of West Virginia Rural Health Program in Dentistry and Clinical Assessment Calibration for Preceptors
Valerie Perrine, DDS
Assoc. Dean of Student Affairs, Community Health and Outreach

Learning Objectives:

After completion of the calibration session, Rural Health preceptor participants should be able to:

1. Describe the rural rotation packet and the student learning objectives to be met during the rotation.
2. Identify SOD protocols and student competencies and evaluate how to incorporate these in the rotation experience.
3. Discuss the methods and recognize the significance of effective feedback, evaluation, assessment, and remediation and the role of the rural rotation experience in the greater context of the student's educational experience.

ADA CERP Credit

The WVU School of Dentistry is an ADA CERP Recognized Provider. ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by Boards of dentistry.

The WVU School of Dentistry designates this activity for 5.5 continuing education credits.

Participants are cautioned about the potential risk of using limited knowledge when incorporating new techniques and procedures into their practices. The School of Dentistry has an obligation to disseminate new knowledge related to dental practice, in doing so, some presentation may include controversial material or commercial references. Concerns or complaints about a CE provider may be directed to the provider or to the Commission for Continuing Education Provider Recognition at ADA.org/CERP.

Class Schedule:

Rural Health Program in Dentistry

1:00 p.m.	Rural Health Program Update
2:30 p.m.	Break
2:45 p.m.	Rural Health Preceptor Calibration and Q&A
4:00 p.m.	Adjourn

Target Audience:

This session is recommended for Rural Health Preceptor/Faculty.

CE Registration Before August 28, 2023 Only

WVU School of Dentistry Faculty	Free
WVU School of Dentistry Dental Students	Free
WVU School of Dentistry Graduate Residents	Free
WVU School of Dentistry Dental Hygiene Students	Free
WVU Rural Health Program Preceptor/Faculty	Free
WVU School of Dentistry Staff (hygienist/assistant)	Free
Non-WVU SOD affiliated dentists & staff	$100

All course attendants must register
Registration Fee will be $150 after August 28th

Disclosure:

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

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

Attendance at the full Dental Digital Technology day receives 5.5 credits. Attendance at just the Rural Health update and calibration receives 2.75 credits. Rural Health preceptors are welcome to attend the morning portion of the Digital Technology session.