

## Mesaros Symposium (*morning*) and Rural Readiness (*afternoon*)

August 23, 2024

The Erickson Alumni Center, Grand Hall ABC

Register Online at

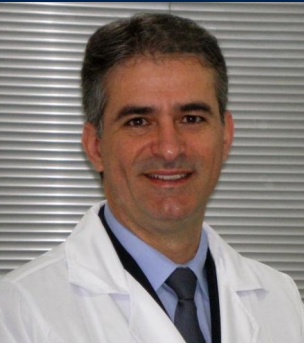
<http://ce.wvu.edu/mesaros>

### Mesaros Symposium

#### Diagnostics in Temporomandibular Joint Examination, from Anatomy to Current Management Concepts

**Dr. Eber Luis de Lima Stevao Steolo DDS, EdS, PhD**

Assistant Professor, WVU School of Dentistry, Department of Oral Surgery



#### Course Description

Temporomandibular Joint Disorders/Dysfunctions (TMJD) are a diverse group of neuromusculo-skeletal conditions involving the temporomandibular joint (TMJ) which is composed of several anatomical structures, and is continually associated with dental and osseous structures. The U.S. Dept. of Health and Human Services, National Institutes of Health, advocate that over 10 million North Americans are affected by some type of TMJ disease. However, population-based studies show that TMJD affects 10% - 15% of adults but only 5% seek treatment due to lack of information or accessibility to knowledgeable TMJ health providers. The etiology of TMJD conditions is continuously multifactorial including: anatomical, biological, systemically/genetically, social, environmental, iatrogenic, emotional and cognitive. Diagnosis is based on history and physical examination supported by intraoral and facial extraoral photos, dental models, radiography, computed tomography and appropriate cervicofacial imaging such as Magnetic Resonance Imaging (MRI) for comprehensive joint evaluation. TMJD is currently staged based on Wilkes Classification ranging from Class I to Class V and the treatment and multi-disciplinary therapies are performed accordingly.

#### Class Schedule:

- 7:45 a.m. Registration and Light Breakfast
- 8:45 a.m. Introduction to TMJ, anatomy, CT, MRI, occlusion, TMJ staging
- 10:15 a.m. Break
- 10:30 a.m. Clinical case presentations and knowledge application
- 11:40 a.m. Wrap Up and Q&A
- 12:00 p.m. Lunch, Adjourn

#### Learning Objectives

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

1. Describe the Temporomandibular Joint (TMJ) anatomy.
2. Diagnose internal structures which are visualized on a TMJ Magnetic Resonance Imaging - MRI, recognizing anatomical alterations present inside the TMJ.
3. Recognize the multifactorial aspects of TMJ diseases and clearly categorize each one of them.
4. Identify clinical signs and symptoms when Temporomandibular Joint disorders (TMJD) are present.
5. Recognize the causes that can lead to TMJ dysfunctions and correlate them with Dentistry, learning how to treat insipient and enduring cases.
6. Refer patients suffering from TMJ diseases to specialists in the TMJ field.

#### Target Audience

This lecture-based program is recommended for WVU SOD Faculty, Graduate Program Residents, 3rd & 4th Year Dental and Dental Hygiene students, Practicing Dentists, Dental hygienist, and Rural Health preceptor faculty.

# Rural Readiness: Preceptor Precision in Clinical Calibration

Valerie Perrine, DDS

Assoc. Dean of Student Affairs, Community Health and Outreach

The Erickson Alumni Center Board Room, 2nd Fl.

According to the Commission on Dental Accreditation, WVU School of Dentistry is required to update the Rural Health faculty on the School of Dentistry protocols and student competencies and evaluate how the preceptors at all sites can incorporate these into their rotation experience to provide a sense of calibration and continuity to the student experience.

## 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 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.

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 presentations 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](http://ADA.org/CERP).

## **Class Schedule:**

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

## **Target Audience:**

This session is recommended for Rural Health Preceptor and interested faculty only.

## **CE Registration Before August 12, 2024 Only**

WVU SOD Faculty	Free
WVU Rural Health Program Preceptor/Faculty	Free
WVU SOD Dental Students	Free
WVU SOD Graduate Program Residents	Free
WVU SOD Dental Hygiene Students	Free
WVU SOD Hygienist/Assistant	Free
Non-WVU SOD Affiliated Dentists & Staff (AM only)	\$80

*\*All course attendants must register\**

*\* Registration Fee will be \$130 after August 12, 2024\**

The WVU School of Dentistry designates this activity for 5.75 continuing education credits. (Diagnostics in Temporomandibular Joint Examination, from Anatomy to Current Management Concepts = 3.00 credits, Rural Readiness and Preceptor Calibration = 2.75 credits.) Rural Health preceptors are welcome to attend the entire day program.

## **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](mailto:kimberly.georgewarnick@hsc.wvu.edu)