

Online**MedEd**

Building a Foundation with OnlineMedEd

*Integrating OnlineMedEd into Clinical Rotations at
Marian University College of Osteopathic Medicine*

June 15th, 2023

1:00 p.m. Central Time



Jesse Clark DO, FAAFP

Associate Professor of Family Medicine
Marian University College of Osteopathic
Medicine



Stephen DeMeo, DO, MEd

VP of Medical Education
OnlineMedEd
Associate Professor of Pediatrics
Campbell University School of Osteopathic
Medicine

Friendly Reminders

This webinar is being recorded, and the recording will be sent out 24-48 hours afterward.

We'll have a short, 30-second survey for you to let us know what you think.

We welcome you to engage and participate in the chat. We'll do a Q&A at the end of the presentation.



Today's Agenda

- 01** Overview of clinical education challenges
- 02** MU-COM experience
- 03** Ways in which OME supports community based preceptors
- 04** Impact and Outcomes
- 05** Q & A



01 OnlineMedEd Curriculum Overview





OMM
Book

Practical Application Skills



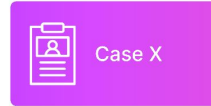
Food as
Medicine



Physical
Diagnosis



Radiology
Reading
Room



Case X



Intern
Bootcamp

Entry/Admission

Learning Journey

Transition to Practice

Core Knowledge



The PACE Method

Our integrated curriculum and PACE methodology enhances understanding and retention by chunking relevant material, integrating retrieval-based practice, and utilizing multiple learning modalities.

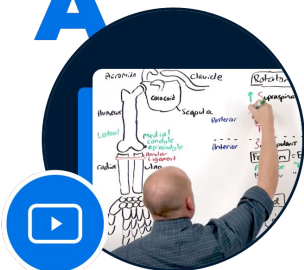
P



Prime

Foundational **notes** and materials geared toward understanding

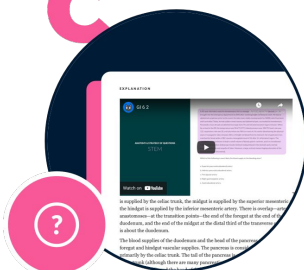
A



Acquire

Engaging lesson **videos** to promote learning

C



Challenge

Boards-style **questions** with in depth explanations

E



Enforce

Activities to reinforce knowledge through repetition



Our Clinical Curriculum

Internal Medicine



Cardiology



Infectious Disease



Pulmonology



Endocrinology



Gastroenterology



Rheumatology



Hepatobiliary



Dermatology



Nephrology



HemeOnc



Neurology



Pediatrics



Psychiatry



Ob/Gyn



Surgery



Emergency
Medicine



Family
Medicine



OMM

Benefits of OME

Self Directed Learning

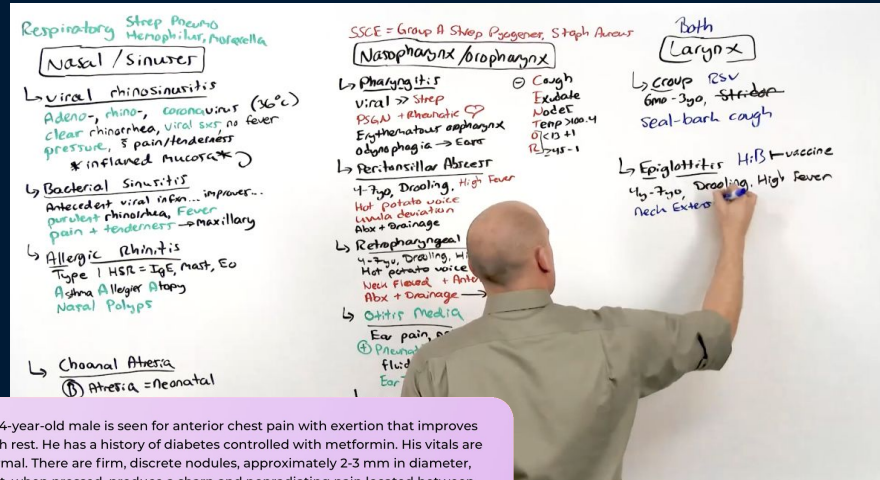
Students choose to either complement clerkship learning experiences with OME or supplement to fill gaps in knowledge or experience.

Filling Gaps

Content fulfills rotation site or faculty gaps, ensures continuity of content.

Exam Prep

Students receive a schedule or build their own, to prepare for exams or fulfill remediation requirements.



3 A 54-year-old male is seen for anterior chest pain with exertion that improves with rest. He has a history of diabetes controlled with metformin. His vitals are normal. There are firm, discrete nodules, approximately 2-3 mm in diameter, that, when pressed, produce a sharp and nonradiating pain located between ribs 2 and 3 at the sternocostal junction on the left side.

1 Which of the following is the most likely diagnosis?

- 2** Stable ischemic heart disease
- Gastroesophageal reflux disease
- Esophageal perforation
- Rib fracture
- Chondrochondritis



COMMON OME USE CASES

REQUIRED

1

OME resources are offered as **supplemental** to school curriculum.

Students are **required** to complete lessons.

2

OME resources are fully **integrated and foundational** to school curriculum.

Students are **required** to complete lessons.

OPTIONAL

3

OME resources are offered as **supplemental** to school curriculum.

Students are **not required** to complete lessons.

4

OME resources are **fully integrated and foundational** to school curriculum.

students are **not required** to complete lessons.

SUPPLEMENTAL

FOUNDATIONAL/
INTEGRATED





Faculty Pain Points

- No protected time for teaching
- Stress from building/supporting rotation didactic series
- Productivity based compensation models
- Disconnect from pre-clinical faculty and academic big picture: goals and objectives of rotation, Shelf/End of rotation exam content
- Disconnect related to prior learner performance and support needs
- Clinical site capacity/placement challenges

02 MU-COM Experience

Clinical Rotations using OnlineMedEd



MU-COM : The Evaluation Process

- When thinking about educational technology for use in clinical rotations- what was done in terms of needs assessment?
- What did the decision making process look like?
- What was important in choosing an educational technology platform?



MU-COM Experience

Rotation Integration



OnlineMedEd

- Third-year students have daily assigned online lectures and questions through OnlineMedEd
- Standardizes learning across rotations
- Helps take the pressure off preceptors to prepare lectures
- OnlineMedEd access is available to preceptors to see what students are learning

Online  MedEd

MED 840 Obstetrics and Gynecology							
WEEK	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.	Sun.
1	Female Pelvic Anatomy, Physiology of Pregnancy	Pelvic Organ Prolapse, Preconception Counseling and Routine Prenatal Care	Urinary Incontinence, Normal Labor and Delivery	Gynecologic Infections, Antenatal Testing and Intrapartum Surveillance	Adnexal Masses, Contraception	Approach to Vaginal Bleeding, Antenatal Genetic Screening	Abnormal Vaginal Bleeding, Ectopic Pregnancy
2	Overview of Cancers, Multifetal Gestation	Cervical Cancer, Hypertension and the Eclampsia Spectrum	Endometrial Cancer, Diabetes During Pregnancy	Ovarian Cancers, Third-Trimester Vaginal Bleeding	Vaginal and Vulvar Cancers, Postpartum Hemorrhage	Gestational Trophoblastic Disease, Perinatal Infections 1-TORCH Infections	Puberty, Perinatal Infections 2 -Not TORCH Infections
3	Primary Amenorrhea, Alloimmunization	Secondary Amenorrhea, Medical Diseases and Teratogens	Menopause, Protraction and Arrest of Labor	PCOS and Hyperandrogenism, Pre- and Post-term Complications of Pregnancy	The Infertile Couple, Obstetrical Operations	Genital Ulcers (ID section), Spontaneous Induced Abortions	Benign Breast Diseases, Breast Cancer
4	OMM OME Modules			COMAT	OME Due (42 modules + OMM)		

4 week rotation example-
OB/GYN

*It is expected students spend at least 1 hour a day in self-directed study



MED 810 Internal Medicine I							
WEEK	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.	Sun.
1	Coronary Artery Disease	Acute Coronary Syndrome	Heart Failure	Valvular Disease	Cardiomyopathy	Pericardial Disease, Syncope, Cholesterol	Hypertension, ACLS Rhythms, ACLS Easy
2	Asthma	Lung Cancer	Pleural Effusion	Pulmonary Embolism	COPD	ARDS, DPLD, Gallbladder	Esophagitis, Esophagus, Peptic Ulcer
3	Misc Gastric	Acute Diarrhea	Malabsorption	Diverticula	Colon Cancer	Cirrhosis, Cirrhosis Complications, GI Bleed	Pancreatitis, Jaundice, Viral Hepatitis
4	Acute Kidney Injury	Chronic Kidney Disease	Sodium	Calcium, Potassium, OMM OME Modules	Month 1 OME Due (38 modules + OMM)	Kidney Stones, Cysts and Cancer, Acid Base	Acid Base II, Anemia Approach, Macrocytic Anemia
MED 811 Internal Medicine II							
WEEK	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.	Sun.
5	Microcytic Anemia	Normocytic Anemia	Leukemia	Lymphoma	Plasma Cell	Bleeding, Thrombocytopenia, Thrombophilia	Antibiotic Ladder, HIV, TB
6	Sepsis	Brain Inflammation	Skin Infections	Pneumonia	UTI	Ear Nose Throat, Infective Endocarditis, Anterior Pituitary	Posterior Pituitary, Thyroid, Adrenals
7	Outpatient Type 2 Diabetes	Type 1 Diabetes and Insulin Strategies	Diabetic Emergencies	MEN Syndromes	Lupus	Stroke, Seizure	Headache, Coma
8	OMM OME Modules			COMAT	Month 2 OME Due (75 modules + OMM)		

8 week rotation
example-
Internal Medicine



MED 800 Family Medicine I

WEEK	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.	Sun.
1	Coronary Artery Disease	Heart Failure	Cholesterol	Hypertension	Asthma	COPD, Gallbladder, GERD	Acute Diarrhea, Chronic Diarrhea, IBD
2	Chronic Kidney Disease	Kidney Stones	Anemia Approach	Antibiotic Ladder	HIV	Skin Infections, Pneumonia, UTI	Thyroid, Thyroid Nodules, Outpatient Type 2 Diabetes
3	Approach to Joint Pain	Rheumatoid Arthritis	Monoarthropathy	Ecematous Rashes	Hypersensitivity	Superficial Skin Infections, Stroke, Seizure	Tremor, Headache, Back Pain
4	Dementia	Dizziness	Weakness	Well Child, Vaccinations, OMM OME Modules	Month 1 OME Due (38 modules + OMM)	Preventable Trauma, Peds Infectious Rashes, Peds ID Review	Allergies, Ear Nose Throat, Upper Airway

MED 801 Family Medicine II

WEEK	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.	Sun.
5	Lower Airway	Anxiety Disorders	Mood Disorders	Mood Life and Death	Eating Disorders	Personality Disorders, Psych Pharm I, Psych Pharm II	Addiction, Addiction II Drugs of Abuse, Sleep Physiology
6	Sleep Disorders	Somatic Symptom Disorders	Female Pelvic Anatomy	Urinary Incontinence	Gynecologic Infections	Approach to Vaginal Bleeding, Abnormal Uterine Bleeding, Puberty	Primary Amenorrhea, Secondary Amenorrhea, Menopause
7	PCOS and Hyperandrogenism	Physiology of Pregnancy	Preconception Counseling and Routine Prenatal Care	Medical Diseases and Teratogens	Contraception	Perinatal Infections 1 - TORCH Infections, Perinatal Infections 2 - Not TORCH Infections	Normal Labor and Delivery, Ortho Injuries

8	OMM OME Modules			COMAT	Month 2 OME Due (75 modules + OMM)		
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8 week rotation
example-
Family Medicine



03 Supporting Community Based Preceptors



04 Impact and Outcomes



Please take our quick,
30-second survey.



05 Q&A



Appendix

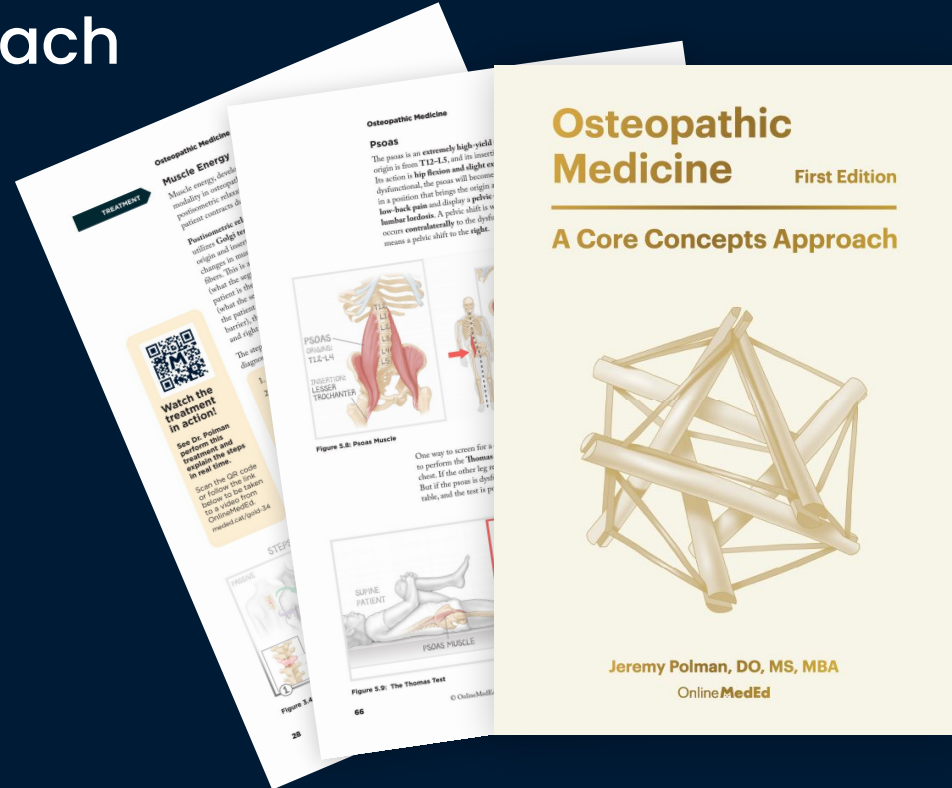


Osteopathic Medicine: A Core Concepts Approach

Ideal for DOs

Our OMM textbook facilitates learning by teaching OMM with intuitive language and focus on core concepts that transfer to all of osteopathic manipulative medicine, enabling intuitive learning and a reduced cognitive load.

- Hands-on treatment videos
- World-class illustrations



[Watch a sample video](#)





Intern Bootcamp

Intern Bootcamp teaches efficient strategies for time management, effective documentation, and other practices to enhance patient safety and prepare residents for lifelong success. Intern Bootcamp is recommended by the American College of Physicians.



Time Management



Clinical Reasoning



Wards



Professionalism



Bureaucracy



Documentation



Self Care



Teamwork





Case X

Case X is a suite of 100 real cases in internal medicine, ob/gyn, pediatrics, neurology, psychiatry, and surgery that utilize progressive disclosure and question sets to improve clinical reasoning.

- Real life cases
- Mitigate skills decline

The screenshot displays the OnlineMedEd website interface. At the top, there is a navigation bar with tabs for 'Basic Sciences', 'Clinical', 'Match', 'Residency', and 'Faculty'. Below this is a secondary navigation bar with links for 'Dashboard', 'Topics', 'Q Bank', 'Flashback', 'Cases', 'Apps', 'Store', and 'About Us'. The main content area features a video player showing a 62-year-old man in a hospital bed with a heart rate monitor. To the right of the video, a text box identifies the patient as a '62 y/o man presenting with palpitations'. Below the video, there is a 'HISTORY' section with a paragraph of text describing the patient's symptoms. To the right of the history text is a medical image of a 'Sagittal post-contrast T1-weighted' MRI scan of the brain, showing a lesion. A 'Locked Content' notification is overlaid on the MRI image, stating 'Please use the Questions section to unlock this content.' At the bottom of the page, there is a 'REVIEW OF SYSTEM' section with a 'PAST MEDICAL' subsection, which contains the text: 'He denies chest pain, cough, wheezing, or night sweats.'



Continuing Education

OnlineMedEd's library of content is worth up to 250 AMA PRA Category 1 Credit(s)[™].



Food As Medicine

Food as Medicine is ideal for MDs, DOs, PAs, NPs, dietitians (RD/LD), and other clinicians seeking improved patient outcomes and CME – especially for providers who aren't nutritionists. Food as Medicine was created in collaboration with the National Board of Physician Nutrition Specialists

 **Nutritional Principles**
2.5 CE credits

 **Nutritional Applications**
5.5 CE credits

Ideal for Practitioners



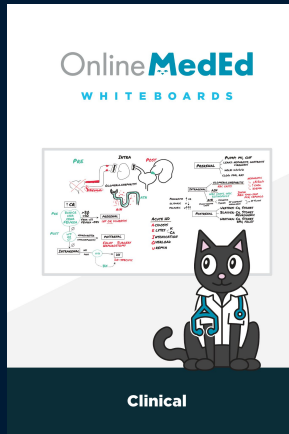
This education has been approved for AMA PRA Category 1 Credits[™]



Credentialed through the IPMA, the Food as Medicine Curriculum qualifies for 8 CE credits.



Additional Resources



Whiteboards Books

All of Dr. Williams' whiteboards printed in full color and with plenty of space for students to add their own notes. It's the perfect companion to our signature whiteboard videos.

Quicktables Book

A handy, pocket-sized reference guide to help students drill in the vocabulary and facts they need to do their best.

