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# Infections Across Orthopaedics

**WV Orthopaedic Society**

Co-provided by the CAMC Health Education and Research Institute

**April 24-25, 2020**

**Stonewall Resort, Roanoke, WV**



# Welcome

January 2020

You are invited to join the West Virginia Orthopaedic Society and the West Virginia Association of Orthopaedic Executives for our annual "Spring Break" Meeting. This year's meeting will take place on Friday and Saturday, April 24 and 25, at Stonewall Jackson Resort in Roanoke, West Virginia. The program is co-provided by the CAMC Health Education and Research Institute. The WV Orthopaedic Society meeting theme is "Infections Across Orthopaedics."

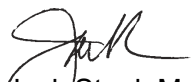
Online conference registration is available at [www.wvos.org](http://www.wvos.org), and payment can be made through PayPal. Hotel reservations must be made by **March 24** by calling 888.278.8150 or 304.269.7400 and asking for the WVOS room block. You can also make your room reservation [online](#). Rates are \$249 per person single/\$179 per person double per night (plus taxes and resort fee) and includes your sleeping room, meals, onsite parking, in-park shuttle service, high speed internet access and Wi-Fi, use of fitness equipment, indoor/outdoor pool, sauna, steam room, paddle boats, canoes, kayaks, excursion boat, mountain bikes, basic fishing equipment and many other amenities. Please **call 888-278-8150 by March 24** and mention you are with WVOS to get our special rate.

This year, we are including a variety of social events for everyone, so bring your family and friends to enjoy the fun. We have reserved golf tee times on Friday, April 24. Golf rates are \$65 per person, so please contact the WVOS office by **March 24** to book a tee time. Lunch is available in Stillwaters Restaurant. At 6:00 p.m., we will be enjoying an excursion around the lake on the Little Sorrel, followed by dinner on your own. After dinner, join us for a chance to "bring your worst cases" at a cocktail and dessert reception.

I hope you will make an effort to attend our meeting this year. Drs. Matthew Bullock and Karim Boukhemis have created an excellent program for our members and other attendees. If you have any questions, please contact the WVOS office at 304.984.0308. Please register online or send your registration form and payment by **March 24, 2020**, to:

Diane Slaughter, CAE, APR, Fellow PRSA  
WV Orthopaedic Society  
PO Box 13604  
Charleston, WV 25360-0604

Sincerely,



Jack Steel, M.D.  
Spring Break Meeting Chairman

## President

Felix Cheung, MD  
Huntington, WV  
304.691.1262

## Vice President

Shafic Sraj, MD  
Morgantown, WV  
304.269.4431

## Secretary-Treasurer

Manuel Molinda, MD  
Charleston, WV 25301  
304.343.4691

## Immediate Past President

Stanley Tao, MD  
Huntington, WV  
304.525.6905

## At-large Members

Christopher Courtney, DO  
Bridgeport, WV  
330.717.8094

Karim Boukhemis, MD  
Huntington, WV  
304.525.6905

Vivek Neginhal, MD  
Huntington, WV  
304.525.6905

Ryan Murphy, MD  
Morgantown, WV  
304.269.4431

Rajesh Patel, MD  
Beckley, WV  
304.253.1077

## AAOS Councilor

Joe Prud'homme, MD  
Morgantown, WV  
304.293.2779

## Membership Chairman

Tony Majestro, MD  
Charleston, WV  
304.343.4691

## Program Chairman

Jack Steel, MD  
Huntington, WV  
304.525.6905

## Ex Officio Members

Sanford Emery, MD, MBA  
Morgantown, WV  
304.293.1170

Ali Oliashirazi, MD  
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304.697.7114

Lunden Ryan, MD  
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Huntington, WV  
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## Executive Director

Diane Slaughter, APR, CAE  
PO Box 13604  
Charleston, WV 25360  
304.984.0308 | [wvos@frontier.com](mailto:wvos@frontier.com)



**Saturday, April 25, 2020**

## **Infections Across Orthopaedics**

Program Committee: Matthew Bullock, DO, MPT and Karim Boukhemis, MD

7:30 a.m.	<b>Registration/Breakfast</b>	Lower Foyer
8:00 a.m.	<b>Welcome to WVOS 2020</b> <i>WVOS President Felix Cheung, MD</i>	Pecan Room
8:15 a.m.	<b>Annual Business Meeting</b>	
8:45 a.m.	<b>Optimization of Patient Co-morbidities</b> <i>Skyler Smith, MD, Marshall Health, Huntington, WV</i>	
9:05 a.m.	<b>Infectious Disease Management of Orthopaedic Infections</b> <i>Kara Willenburg, MD, FACP, Marshall Health, Huntington, WV</i>	Pecan Room
9:25 a.m.	<b>Common Infections within Rural Areas</b> <i>Akshay Goel, MD, Marshall Orthopaedics, Louisa, KY</i>	Pecan Room
9:45 a.m.	<b>Refreshment Break and Visit Exhibitors</b>	Lower Foyer
10:00 a.m.	<b>Update on Hand Infections</b> <i>Luis Bolano, Scott Orthopedic Center, Huntington, WV</i>	Pecan Room
10:20 a.m.	<b>What's new in Arthroplasty Infections?</b> <i>Matthew Bullock DO, MPT, Marshall Orthopaedics, Huntington, WV</i>	
10:40 a.m.	<b>Management of Orthopedic Infections in a Small Rural Community Hospital</b> <i>John Tabit, DO, WV Orthopedic Trauma, Beckley, WV</i>	
11:00 a.m.	<b>Antibiotic Stewardship in the Treatment of Chronic Osteomyelitis: Entering the Post-Antibiotic Era</b> <i>Dr. David Lowenberg, Stanford University, Stanford, CA</i>	
12:00 p.m.	<b>Lunch</b>	Stillwaters
1:00 p.m.	<b>Resident Presentations</b>	Pecan Room
	<b>Arthroplasty Saves Lungs</b> <i>Scotty Fravel, MD, Marshall University, Huntington, WV</i>	
	<b>Evaluating the Efficacy of Topical Vancomycin Powder in the Treatment of Open Lower Extremity Fractures</b> <i>Dr. Justin Vaida, WVU Orthopaedics, Morgantown, W</i>	
	<b>Absolute PMN Count for Diagnosis of PJI</b> <i>Adam Kopiec, MD, Marshall University, Huntington, WV</i>	
	<b>Effects of State Legislation on Narcotic Prescribing Practices After Surgery at a Pediatric Hospital</b> <i>Dr. Taylor Shackelford, WVU Orthopaedics, Morgantown, WV</i>	
	<b>Serum D-dimer and Reimplantation</b> <i>Tom Schmicker, MD, Marshall University, Huntington, WV</i>	
	<b>Complications Associated with Implant Removal after Femoral Shaft Fractures in Pediatric Populations</b> <i>Dr. Daniel Liechti, WVU Orthopaedics, Morgantown, WV</i>	
2:30 p.m.	<b>Refreshment Break and Visit Exhibitors</b>	Lower Foyer

2:45 p.m.	<b>Interesting Infection Cases</b> <i>Freddie Persinger, DO, Thomas Health System, Charleston, WV</i>	Pecan Room
3:05 p.m.	<b>Orthopaedic Infections in Pediatric Patients</b> <i>Daniel Grant, MD, WVU Orthopaedics, Morgantown, WV</i>	Pecan Room
3:25 p.m.	<b>Infections Update Within the Trauma Population</b> <i>Thomas Emmer, MD, Marshall Orthopaedics, Huntington, WV</i>	Pecan Room
3:45 p.m.	<b>Dreading the Inevitable: Infections After Shoulder Surgery</b> <i>Manuel Molina, Orthopedic Healthcare Associates, Charleston, WV</i>	Pecan Room
4:05 p.m.	<b>Spine Infections: workup, management, and complexities</b> <i>Shari Cui, MD, WVU Orthopaedics, Morgantown, WV</i>	Pecan Room
4:25 p.m.	<b>Common Infections in Sports Medicine</b> <i>Dana Lycans, MD, Marshall Orthopaedics, Huntington, WV</i>	Pecan Room
4:45 p.m.	<b>Rheumatology Medications and Orthopaedic Surgery</b> <i>Adrenrele Olajide, MD, Marshall Rheumatology, Huntington, WV</i>	Pecan Room
5:05 p.m.	<b>2020 WVOS Wrap Up</b>	Pecan Room

***Adjuncts to the 2020 WVOS Meeting***

AAOS Appropriate Use Criteria for Surgical Site Infections:  
<https://www.aaos.org/surgicalsiteinfectionauc/>

2018 International Consensus Meeting on Prosthetic Joint Infection:  
<https://icmphilly.com/2018/11/12/2018-final-icm-document/>

## **Objectives:**

The participant will be able to:

- 1) Communicate an overall understanding of the concept of patient literacy as it applies to the healthcare setting, identify red-flags to low health literacy and techniques to overcome them and list several resources to help assist patients with low literacy in navigating the healthcare system.
- 2) Discuss optimizing Elective vs. Non-elective cases – including modifiable and non-modifiable risk factors for infection prevention.
- 3) Select antibiotic-targeted treatment options depending on presence of hardware, classification of infection, organism susceptibility and host-related factors.
- 4) Cover workup of acute vs. chronic arthroplasty infections with current recommended treatment options (single-stage vs. two-stage) as well as cover newly proposed ideas such as short two-stage revision and the role of amputation vs. joint fusion.
- 5) Review diagnosis and treatment of septic hip, growth plate infections, spine infections.
- 6) Identify the reasons why bacteria can mutate so efficiently and develop rapid antimicrobial resistance, understand the role of parental antibiotics in the treatment of chronic osteomyelitis and understand the role of biofilm and its resistance mechanisms in chronic osteomyelitis.
- 7) Discuss common infectious agents, the workup surrounding a suspected infection in the sports medicine population, and specific treatment strategies when dealing with infected tendon or ligament reconstructions and repairs.
- 8) Investigate the effects of West Virginia State Bill 273 on provider prescribing practices after surgery in a pediatric population.
- 9) Retrospectively review the complication rate of hardware removal, what is often thought to as a benign secondary procedure, after open treatment of femoral shaft fractures in pediatric patients.
- 10) Set a foundation for recognizing the presentation of pediatric infections.

## **Disclosures:**

It is the policy of the CAMC Health Education and Research Institute that any faculty (speaker) who makes a presentation at a program designated for AMA Physician's Recognition Award (PRA) Category I or II must disclose any financial interest or other relationship; (i.e. spouses/partners, grants, research support, consultant, honoraria) that faculty member has with the manufacturer(s) of any commercial product(s) that may be disclosed in the educational presentation. Program Planning Committee Members must also disclose any financial interest or relationship with commercial industry that may influence their participation in this conference. The following disclosures have been shared: Dr. Lowenberg is a consultant with Nuvasive Orthopaedics. Faculty relationships with industry, if any, will be made available on-site and disclosure made from the podium to the participants. All presentations are HIPAA compliant.

## **Accreditation:**

In support of improving patient care, this activity has been planned and implemented by The West Virginia Orthopaedic Society (WVOS) and CAMC Health Education and Research Institute. CAMC Health Education and Research Institute is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team. Attendees are responsible for an online CE processing fee to receive CE credit. The processing fee is separate from any registration fees. On the day of the program, attendees will receive a unique log-in, URL link, and instructions. The CE credit processing fee per attendee is \$20 and is paid by participants through CAMC's online CE registration system.



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INTERPROFESSIONAL CONTINUING EDUCATION

## **Credit Hour Statement:**

The CAMC Institute designates this live activity for a maximum of 6.75 hours for AMA PRA Category I Credit(s)™ for Saturday, April 25th. Physicians should only claim credit commensurate with the extent of their participation in the activity.

# WVOS Registration

## Infections Across Orthopaedics Friday and Saturday, April 24-25, 2020

Attendee: \_\_\_\_\_

Practice Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State, ZIP: \_\_\_\_\_

Email: \_\_\_\_\_

Phone:(\_\_\_\_\_) \_\_\_\_\_

Spouse/Guest: \_\_\_\_\_

Registration (including meals, with room registration, and all conference materials).

Add \$25 to each registration submitted after March 24, 2020.



Select	Type		Saturday	Total Due
	2020 Paid WVOS Member (includes \$25 OREF contribution)		\$100	
	WVOS non-member		\$225	
	Allied health professional		\$100	
	MU/WVU resident		\$0	
	Guest		\$75	
<b>TOTALS</b>				

Please make your check payable to WV Orthopaedic Society  
and submit with registration by **March 24, 2020**, to:

Diane Slaughter, CAE, APR, Fellow PRSA

WV Orthopaedic Society

PO Box 13604

Charleston, WV 25360-0604

To register and pay online visit [www.wvos.org](http://www.wvos.org). No refunds after March 24, 2020.





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Charleston, WV 25360



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