

Credits

This live activity, Carolinas/Virginias Chapter, Society of Critical Care Medicine, 40th Annual Scientific Symposium, with a beginning date of 6/9/2022 has been reviewed and is acceptable for up to \_\_\_\_ prescribed credit(s) by the American Academy of Family Physicians. Physicians should claim only the credit commensurate with the extent of their participation in the activity. \*\*\*CME applied for\*\*\*



ACPE is granted by Campbell University, College of Pharmacy.

Planning Committee

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Nutrition Support Pharmacist  
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Wilmington, NC

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Professor of Surgery, Virginia Tech Carilion School of Medicine  
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Raleigh, NC

40th Annual Scientific Symposium

Carolinas/Virginias Chapter  
Society of Critical Care Medicine  
40th Annual Scientific Symposium



Pre-Conference  
Pharmacology Course  
June 9, 2022

Symposium  
June 10, 2022



**Pre-Conference  
Pharmacology Course  
June 9, 2022**

1:00-1:50pm	To Wean or Not to Wean - analgo-sedation in patients on prolonged mechanical ventilation	<b>Lesly V. Jurado Hernandez, PharmD, BCPS, BCCCP, BCNSP</b> Surgical Trauma Neuro ICU Critical Care Pharmacist Nutrition Support Pharmacist New Hanover Regional Medical Center Wilmington, NC
1:50-2:40pm	Finding the Sweet Spot: Anticoagulation during Impella and ECMO Support	<b>Lindsay B. Tincher, PharmD, BCCCP</b> Clinical Pharmacist, Critical Care Cardiovascular ICU New Hanover Regional Medical Center Wilmington, NC <b>Jenna F. Cox, PharmD, BCPS, BCCCP</b> Critical Care Clinical Pharmacist Specialist PGY2 Critical Care Residency Program Director Prisma Health Richland Hospital Columbia, SC
2:40-3:30pm	Why Do You Have to be So Gram-Negative? New Antibiotics for Drug-Resistant Infections	<b>Amanda Lefemine, PharmD</b> Antimicrobial Support Network Staff Pharmacist PGY2 Infectious Diseases Pharmacy Residency Atrium Health Carolinas Medical Center Charlotte, NC
3:30-3:45pm	Break	
3:45-4:35	Transitioning to Tenecteplase for Acute Ischemic Stroke - A Comprehensive Guide	<b>Steven H. Nakajima, PharmD, BCCCP</b> Clinical Pharmacist, Emergency Medicine New Hanover Regional Medical Center Wilmington, NC
4:35-5:25	ASPEN Guideline Update	<b>Bryan R. Collier, DO, FACS, FACS, CNSC</b> Professor of Surgery, Virginia Tech Carilion School of Medicine Section Chief, Acute Care Surgery Medical Director, Trauma Center and Surgical Critical Care Program Director, Surgical Critical Care Fellowship Director of Surgical Nutrition Carilion Roanoke Memorial Hospital Roanoke, VA
5:25	Closing Remarks	

## Objectives

- Evaluate opportunities to wean off sedation/analgesia
- Evaluate strategies on how to wean off sedation/analgesia
- Evaluate therapeutic options to wean off sedation/analgesia
- Discuss the mechanism of Impella and ECMO devices and indication for support
- Review pathophysiology of thrombotic and bleeding complications of Impella and ECMO devices
- Discuss guidelines and supporting data for anticoagulation strategies during Impella and ECMO support
- Evaluate alternative anticoagulation approaches for a bleeding reduction strategy or in the context of heparin-induced thrombocytopenia (HIT) during Impella and ECMO support
- Identify common gram-negative resistance patterns
- Differentiate the spectrum of activity and clinical applications for novel antibiotics
- Select an appropriate antibiotic regimen for extensively drug-resistant gram-negative infections
- Evaluate current literature supporting the use of tenecteplase for acute ischemic stroke
- Weigh the benefits and drawbacks of using tenecteplase for stroke
- Develop a comprehensive plan for implementation of tenecteplase
- Overcome barriers and capitalize on opportunities while developing an implementation plan
- Review evidence-based nutrition recommendations in critically ill patients
- Review the impact of higher energy vs. lower energy intake in clinical outcomes
- Review EN vs. PN nutrition in the first week of critical illness

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**Carolinas/Virginias Chapter, SCCM  
40th Annual Scientific Symposium  
June 10, 2022  
Program Schedule**

8:00am	Welcome and Opening Remarks	<b>C. Todd Borchers, MS, APRN, ACNP-BC</b> President, Carolinas/VA Chapter, SCCM
8:05am	Keynote Address: Implementation Science: Considerations in the Critically Ill	<b>Sandra L. Kane-Gill, PharmD, MSc, FCCP, FCCM</b> SCCM President Critical Care Medication Safety Pharmacist Department of Pharmacy at UPMC Tenured Professor of Pharmacy & Therapeutics University of Pittsburgh School of Pharmacy Pittsburgh, PA
8:55am	Traumatic Brain Injury: A Discussion of Multimodal Monitoring & Treatment Algorithms	<b>Josh Stodghill, DO</b> Trauma/Emergency General Surgery/Surgical Critical Care Assistant Professor, Virginia Tech Carilion School of Medicine Roanoke, VA <b>Gretchen M. Brophy, PharmD, BCPS, FCCP, FCCM, FNCS, MCCM</b> Professor of Pharmacotherapy & Outcomes Science and Neurosurgery Virginia Commonwealth University Richmond, VA
9:45am	Break/Exhibits/Networking	
10:00am	Platform Presentations	
10:50am	Endpoints of Resuscitation - Is There Truly Gold at the End of the Rainbow?	<b>Gregory P. Schaefer, DO, FACS</b> Associate Professor of Surgery Medical Director, Surgical Critical Care Division of Trauma, Critical Care, and Acute Care Surgery Department of Surgery West Virginia University Morgantown, WV
11:40am	Lunch & Business Meeting	
12:55pm	Poster Presentations	
1:45pm	<b>Concurrent Session 1 (Choose One)</b> A: Jack of all Trades: Ketamine in the Intensive Care Unit  B: Non-Invasive Respiratory Support	<b>Melanie Smith Condemi, PharmD, BCPS, BCCP</b> Surgical Trauma Burn ICU Clinical Pharmacy Specialist Medical University of South Carolina Columbia, SC <b>Andrew G. Miller, MSc, RRT-ACCS, RRT-NPS, FAARC</b> Respiratory Care Practitioner/ECMO Specialist Duke University Medical Center Durham, NC
2:35pm	<b>Concurrent Session 2 (Choose One)</b> A: Adult Sepsis Update: Beyond the Bundle  B: Pediatric Sepsis Update: Big Sepsis in Little People	<b>David Kirk, MD</b> Associate System Chief Medical Officer Pulmonary & Critical Care Physician WakeMed Health and Hospitals Raleigh, NC <b>Caroline Ozment, MD</b> Assistant Professor of Pediatrics Division of Critical Care Medicine Duke University Medical Center Durham, NC
3:25pm	Break/Exhibits/Networking Committee Meetings	
4:00pm	Bringing It Home	<b>Kwame Akuamoah-Boateng, DNP, ACNP-BC, MSN, FCCM</b> Lead Advance Practice Provider Division of Acute Care Surgical Services Virginia Commonwealth University Richmond, VA
4:50pm	Awards, Recognition, Evaluations, & Closing Remarks	<b>C. Todd Borchers, MS, APRN, ACNP-BC</b>

### Target Audience

Physicians, pharmacists, nurses, and other healthcare professionals involved with the care of critically ill patients. Respiratory therapists may also benefit from this educational activity and are welcome to attend.

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## Objectives

- Review importance of clinical practice recommendations in ICU patients and frequency of change
- Identify and mitigate common barriers to change in complex care environments
- Identify "Implementation Science" principles to improve patient care
- Describe the relationship between pathophysiology and treatment goals for elevated intracranial pressure (ICP) in TBI patients
- Discuss indications for multimodality monitoring (e.g., ICP, brain oxygenation, neurosonography) in TBI patients
- Identify potential uses of brain injury biomarkers for diagnosis, prognosis and treatment
- Describe a treatment algorithm for elevated ICP in TBI patients.
- Determine the best treatment options for a TBI patient.
- Define process of resuscitation and review historical goals
- Benchmark the benchmarks of current resuscitation
- Describe basic bedside resuscitation endpoints achievable anywhere
- Review advanced and methods of assessing efficacy of resuscitation
- Discuss when the endpoint is 'the end' - assessing for futility in resuscitation
- Explain the pharmacology of ketamine in critically ill patients
- Recognize potential indications for use of ketamine in the intensive care unit
- Understand the advantages and limitations of ketamine use in the intensive care unit
- Describe different noninvasive respiratory support modalities such as noninvasive ventilation, CPAP, and high-flow nasal cannula
- Discuss the physiologic benefits of each device
- Provide an overview of the evidence for each strategy in different disease states and patient populations, including COVID-19
- Discuss techniques for Improving Bundle Compliance
- Why the Bundle should not be your only goal
- What components are important in a sepsis technology solution
- Sepsis presentation in neonatal & pediatric patients
- Discuss sepsis management differences between adult and neonatal/pediatric patients
- Identify high risk patients
- Identifying gaps in critical care assessment (Am I Frail?)
- The Roadmap of a Critical Care Regional Chapter (Diversity, Advancement, Recognition, Empowerment)
- Mitigating burnout in our region
- Examining the clinical pearls from the team: what the APP needs to you know
- Examining the clinical pearls from the team: what the RT needs to know

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<b>Registration Fees</b> <b>***Online Registration ends June 1 at Noon***</b>						
Early bird (before May 15)	Member	Member Webinar	Non-Member	Non-Member Webinar	Student	Student Webinar
Pre-Conference only	\$85	\$ 65	\$125	\$105	\$50	\$ 25
Symposium only	\$140	\$105	\$180	\$145	\$50	\$ 25
Both days	\$175	\$130	\$215	\$170	\$65	\$ 40
<b>May 15 and After</b>						
Pre-Conference only	\$100	\$ 80	\$140	\$120	\$60	\$ 35
Symposium only	\$165	\$120	\$195	\$160	\$60	\$ 35
Both days	\$190	\$145	\$230	\$195	\$75	\$ 50

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To register via Eventbrite, copy and paste link in browser: <https://www.eventbrite.com/e/carolinasva-chapter-sccm-40th-annual-scientific-symposium-tickets-307278366867>

**Cancellation Policy:** A refund of 75% of the registration fee will be issued if notification is received no later than May 23, 2022. Allow 3 - 4 weeks for processing.

**Webinar Registration**—The Zoom link for each event will be emailed to each registrant 24-48 hours prior to the conference using the email address provided in Eventbrite.

**Hotel Roanoke: Headquarters Hotel**  
110 Shenandoah Ave NE  
Roanoke, VA 24016

To reserve, click <https://book.passkey.com/event/50310184/owner/9515698/home> and follow the prompts or call 866-594-4722. Room block: June 9 - 11, 2022 Rate: \$143/night. Daily parking fee \$11.

**Comfort Inn Roanoke**  
815 Gainsboro Road  
Roanoke, VA 24016

To reserve, click [Comfort Inn Roanoke](#) (0.9 miles from Hotel Roanoke). Rate: \$100/night. If you drive from this location to the Hotel Roanoke, there is an \$11 **daily** parking fee.