

Approved for:
AMA Category 1 Credit
AAPA Credit
ANCC Credit
Trauma Credit Hours
Prehospital Credit

UPMC Hamot Continuing
Medical Education presents:

2023 Critical Care & Emergency Medicine Conference



Friday, Sept. 15, 2023

Ambassador Banquet & Conference Center • 7794 Peach St. • Erie, Pa.

JOIN US IN PERSON OR VIRTUALLY

COURSE DIRECTORS:

Kristin A. Juhasz, DO, FACEP
*Clinical Assistant Professor,
Emergency Medicine
UPMC Hamot*

Carlos J. Racedo Africano, MD
*Associate Director, Critical Care
Director of Critical Care Education,
Outreach and Research
UPMC Hamot*

Catherine Watson, DNP, CRNP
*Adult-Gerontology Acute Care
Nurse Practitioner
Department of Critical Care
Medicine/Intensivist
Department
University of Pittsburgh Medical
Center, UPMC Hamot*

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PROGRAM OUTLINE

7:30 to 8 a.m.	Registration/Continental Breakfast
8 to 8:05 a.m.	Introduction
8:05 to 8:35 a.m.	Safety First Part 1: Management of the Acutely Agitated Patient in the Emergency Department* <i>Kristin Juhasz, DO, FACEP</i>
8:35 to 9:05 a.m.	Safety First Part 2: Management of the Acutely Agitated Patient in the Intensive Care Unit* <i>Logan Pyle, DO</i>
9:05 to 9:50 a.m.	Extracorporeal Membrane Oxygenation: The Basics, the Blunder, and the Beauty <i>Carlos Racedo Africano, MD</i>
9:50 to 10:05 a.m.	Refreshment Break
10:05 to 10:35 a.m.	Failure of the Forgotten Ventricle: The Right — and Wrongs <i>Oswaldo Martinez, DO</i>
10:35 to 11:05 a.m.	Pediatric Status Asthmaticus <i>Timothy Kaselitz, MD, MPH</i>
11:05 to 11:50 a.m.	Point of Care Echocardiography <i>Timothy Baptist, MD</i>
11:50 a.m. to 12:30 p.m.	Lunch
12:30 to 1:30 p.m.	How I Manage: A Panel Discussion <i>Sarah Johnson, RN; Kristin Juhasz, DO, FACEP; Carlos Racedo Africano, MD; William VanDuzer, PA-C; Katie Watson, DNP, CRNP; Kelsey Wegelin, BSN, RN</i>
1:30 to 2:15 p.m.	What to Expect When You're Expecting a Helicopter <i>Francis X. Guyette MD, MPH, FACEP, FAEMS; Michael L. Shaffer, MSN, RN, CFRN, PHRN, NREMT-P, CMT-E</i>
2:15 to 2:30 p.m.	Refreshment Break
2:30 to 3 p.m.	The Do's and Don'ts of Hyponatremia <i>Emmanuelle Cordero Torres, MD</i>
3 to 3:30 p.m.	Vascular Postoperative Complications <i>Francis D. Ferdinand, MD, FACS, FACC</i>
3:30 to 4 p.m.	Abdominal Compartment Syndrome* <i>Melissa Loveranes, DO, FACOS, FACS</i>
4 p.m.	Closing Remarks and Adjournment

NEED

Research and evidence often surpass current practice standards; therefore, health care providers must be able to assess and implement improved patient care in advance of published standards. As new trends emerge, it is the responsibility of health care providers to facilitate implementation of practice change to incorporate emerging technologies and adapt to changing practice environments. Standardization of care in tertiary and regional emergency centers is a crucial factor in providing consistent, high-quality care to the regional community.

GOAL

This activity has been designed to increase the participant's critical thinking and knowledge of some common and not-so-common challenges in critical care and emergency medicine. Specific topics were selected based on challenges faced almost daily in critical care and emergency patient care, as well as ongoing and emerging health care concerns and trends. Ample time for questions and answers has been built into each presentation. Audience members will also have the opportunity to speak one-on-one with presenters during refreshment breaks and lunch.

TARGET AUDIENCE

Critical care and emergency medicine physicians, nurses, advanced practice providers, and pre-hospital personnel, as well as primary care practitioners with an interest in critical care and emergency medicine will benefit from attendance at this activity.

OBJECTIVES

At the conclusion of this activity, the participants should be able to:

- Identify situations in which pharmacotherapy is appropriate
- Explore various agents for chemical intervention
- Investigate effective routes of administration
- Recognize delirium and understand there are many potential causes and mimics
- Identify the ICU work-up for delirium
- Recognize delirium mitigation strategies in the ICU
- Identify basics of the ECMO circuit
- Recognize criteria for ECMO selection and candidacy
- Discuss the difference in indications and management of venovenous and venoarterial ECMO
- Recognize ECMO common complications and management
- Describe anticoagulation management in ECMO patients
- Discuss creating a diagnostic approach to right ventricular failure
- Recognize unique pathophysiology involved in right ventricular failure
- Discuss common pitfalls in management and diagnosis of right ventricular failure
- Recognize the presenting signs and symptoms of acute asthma exacerbation
- Discuss management and treatment of acute asthma exacerbation
- Discuss the utility and limitations of point of care echocardiography
- Describe how to obtain the five main views of point of care echocardiography

- Identify LV hypokinesis, volume responsiveness, RV failure, and tamponade with echocardiography
- Compare and contrast management styles in the Emergency Department versus ICU
- Discuss what is required to be a critical care EMS provider or part of a flight team
- Describe what processes occur behind the scenes before, during, and after a critical care transport mission
- Discuss the diagnostic approach and management of hyponatremia
- Identify the most common complications in vascular surgery
- Discuss diagnostic studies and management strategies for effective transition of care
- Define situations and pathologies that can lead to abdominal compartment syndrome
- Identify the key points for diagnosis of abdominal compartment syndrome
- Discuss the general management options and sequelae for abdominal compartment syndrome

ACCREDITATION

In support of improving patient care, the University of Pittsburgh 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 health care team.

PHYSICIAN (CME)

The University of Pittsburgh designates this live activity for a maximum of **6.75 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

NURSING (CNE)

The maximum number of hours awarded for this continuing nursing education activity is **6.75** contact hours. Nurses should only claim credit commensurate with the extent of their participation.

PHYSICIAN ASSISTANT (AAPA)

The University of Pittsburgh has been authorized by the American Academy of PAs (AAPA) to award AAPA Category 1 CME credit for activities planned in accordance with AAPA CME Criteria. This activity is designated for **6.75** AAPA Category 1 CME credits. PAs should only claim credit commensurate with the extent of their participation.

PREHOSPITAL CONTINUING EDUCATION CREDITS

Continuing education credits for prehospital emergency medicine services personnel has been approved for **7.0** credit hours.

TRAUMA CREDIT HOURS

Select sessions meet the requirements for trauma education hours. The maximum trauma education credit available for this conference is **1.5**.

OTHER HEALTH CARE PROFESSIONALS

Other health care professionals will receive a certificate of attendance confirming the number of contact hours commensurate with the extent of participation in this activity.

SPECIAL NEEDS

Participation by all individuals is encouraged. Advance notification of any special needs (i.e.; gluten-free or vegan meal, private room for nursing mothers, handicap accessibility) will help us provide better service. Please notify us of your needs at least two weeks in advance of the program by calling UPMC Hamot's CME office at 814-877-5691.

DISCLOSURE

Faculty for this activity have been required to disclose all relationships with any proprietary entity producing health care goods or services, with the exemption of nonprofit or government organizations and non-health-care-related companies.

LOCATION

The program is being held in the Crystal Ballroom at the Ambassador Banquet & Conference Center behind the Courtyard by Marriott at 7794 Peach St., Erie, Pa.



ATTIRE

Attire for the conference is business casual. Since meeting room temperatures can vary, **it is recommended that you dress in layers and bring a light jacket or sweater with you to the conference.**

HELP US HELP YOU

Do you have a question that you would like to submit to the speakers in advance? Send an email to espositoh@upmc.edu titled "Critical Care Conference Question."

These questions will be compiled and presented at the panel discussion sessions along with questions from the audience.

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TWO WAYS TO ATTEND THIS CONFERENCE

In Person at the Ambassador Banquet & Conference Center.

Registration fees includes the seminar, continental breakfast, refreshment breaks, and lunch.

Virtually via Zoom.

Registrants will be emailed a Zoom link three days prior to the conference. Virtual attendees will be able to ask questions using the Q&A function in Zoom.

REGISTRATION

In-Person Registration Fees

Physicians	\$120
Advanced Practice Providers.....	\$80
Nurses/Other Health Care Providers	\$60
Prehospital Personnel.....	\$60
Residents/Students	\$30

Virtual Registration Fees

Physicians.....	\$100
Advanced Practice Providers	\$60
Nurses/Other Health Care Providers	\$40
Prehospital Personnel.....	\$30
Residents/Students	Free

All registration will be through our online registration site at: <https://cce.upmc.com/upmchamot2023criticalcare>, or scan the QR code on this page.

Click the “Register” button and enter all the requested information. After registering, an electronic confirmation will be sent to you. Online registration is complete upon receipt of a confirmation email. If you do not receive this letter within five to seven days of registration, please contact the UPMC Hamot CME Department at 814-877-5691.



If you need to pay by check, please call the Hamot CME Department at 814-877-5691 or send an email to HAM_CME@upmc.edu .

CANCELLATION POLICY

Please notify UPMC Hamot’s CME Department of any cancellations, via email to ham_cme@upmc.edu or by telephone at 814-877-5691.

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University of Pittsburgh Medical
Center, UPMC Hamot

FACULTY

Timothy Baptist, MD
Intensivist
Department of Critical Care
UPMC Hamot

Emmanuelle Cordero Torres, MD
President, Nephrocare, LLC

Francis D. Ferdinand, MD, FACS, FACC
Professor, Cardiothoracic Surgery
University of Pittsburgh
School of Medicine
Director, Cardiac Surgery
UPMC Heart and Vascular
Institute at UPMC Hamot

Francis X. Guyette MD, MS, MPH, FACEP, FAEMS
Medical Director, STAT MedEvac
Professor, Emergency Medicine
University of Pittsburgh

Sarah Johnson, BSN, RN
Department of Medical Intensive
Care Unit
UPMC Hamot

Kristin A. Juhasz, DO, FACEP
Clinical Assistant Professor,
Emergency Medicine
UPMC Hamot

Faculty continued

Timothy Kaselitz, MD, MPH
Assistant Professor, Adult and Pediatric
Critical Care Medicine
Director, Point-of-Care Ultrasound
Education
Pediatric Critical Care Medicine
Fellowship Program

Melissa Ann H. Loveranes, DO, FACOS, FACS
Trauma, Acute Care Surgery,
Surgical Critical Care
Great Lakes Surgical Specialists
UPMC Hamot

Osvaldo Martinez, DO
EM/CCM Fellow PGY-5
Swedish Covenant Hospital

Logan Pyle, DO
Director, Neurocritical Care
UPMC Hamot

Carlos J. Racedo Africano, MD
Associate Director, Critical Care
Director, Critical Care, Education,
Outreach and Research
UPMC Hamot

Michael L. Shaffer, MSN, RN, CFRN, PHRN, NREMT-P, CMT-E
Regional Manager
STAT MedEvac

William VanDuzer, PA-C
Department of Emergency Medicine
UPMC Kane

Catherine Watson, DNP, CRNP
Adult-Gerontology Acute Care
Nurse Practitioner
Department of Critical Care Medicine/
Intensivist Department
University of Pittsburgh Medical
Center, UPMC Hamot

Kelsey Wegelin, BSN, RN
Department of Emergency Medicine
UPMC Hamot