

LIVE VIRTUAL // APRIL 12, 2021

CRITICAL CARE SYMPOSIUM



Featuring Optional Breakout Sessions

ULTRASONOGRAPHY • PEDIATRICS • RESPIRATORY THERAPY



Memorial Sloan Kettering
Cancer Center



OVERVIEW

This one day virtual symposium is designed to provide a general overview of various critical care topics. This course is intended for nurse practitioners, physician assistants, nurses, respiratory therapists, physicians and other healthcare professionals interested in critical care.

Symposium Learning Objectives

- Identify the various therapeutic regimens for community acquired (CAP), hospital acquired (HAP), and ventilator acquired pneumonia (VAP)
- Decipher common abnormalities on various radiology examinations
- Identify signs and symptoms of Immunotherapy associated cardiotoxicities
- Decipher when to and when not to place an arterial catheter
- Recognize dermatological emergencies in the critical care patient
- Identify signs and symptoms of Posterior Reversible Encephalopathy Syndrome
- Recognize new ICU care models generated in the era of COVID-19

Optional Breakout Sessions

The afternoon will consist of three optional breakout sessions. Additional fees apply (selection made at registration):

- **Ultrasonography:** Point of care ultrasound is now an indispensable tool for emergency and critical care providers. This breakout session is aimed at helping providers gain a foundational understanding of point of care ultrasonography and basic skills to acquire and interpret ultrasound images.
- **Respiratory Therapy:** Respiratory care is at the mainstay of modern critical care medicine. Our breakout session is aimed at helping providers gain knowledge in various ventilator modes and other modalities such as bronchoscopy, HFNC, and noninvasive ventilation.
- **Pediatric Critical Care:** This breakout session is designed to present the latest professional topics and provide up-to-date clinical care in the Pediatric Intensive Care Unit.



Endorsed by the **The Nurse Practitioner Association (NPA)**. Discount available for active NPA members; please email cme@mskcc.org for details.

MSK COURSE DIRECTORS



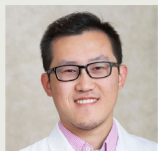
Melissa Barzola, MSN, ACNP-BC, CCRN

Associate Director, Critical Care Center
Director of Advanced Practice Providers



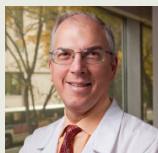
Tara Buchholz, ACNP-BC

APP Manager, Intensive Care Unit



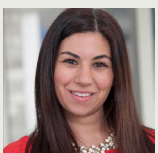
Leon Chen, DNP, AGACNP-BC, FCCP, FAANP

Clinical Program Manager, Research and Simulated Learning
APP, Critical Care Center



Neil A. Halpern, MD, MCCM, FCCP, FACP

Director, Critical Care Center
Chief, Critical Care Medicine Service
Medical Director, Respiratory Therapy



Christine Marotta, PA-C

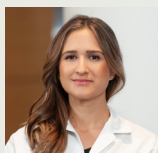
APP, Critical Care Center

MSK PLANNING COMMITTEE



Leslie V. Clermont, BS, RRT

Education Coordinator
Respiratory Therapy



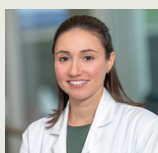
Elizabeth Gordon, MSN, CPNP-AC

APP, Critical Care Center, Pediatrics



Cassie Martinez, MSN, CPNP-AC, CCRN

APP Manager, Pediatrics



Michelle Rausen, MS, RRT, RRT-NPS

Technical Director, Respiratory Therapy

FACULTY

INVITED COURSE FACULTY

Umesh Joashi, MD

Attending Physician
Pediatric Critical Care
NewYork-Presbyterian/
Weill Cornell Medical Center

Patrick Wilson, MD

Attending Physician
Pediatric Critical Care
NewYork-Presbyterian/
Columbia University Irving Medical Center

Vanessa Fabrizio, MD, MS

Pediatric Transplant and Cellular Therapy
Fellow
Duke University

MSK COURSE FACULTY

Jade Almendrala, MBA, RRT, RRT-ACCS, RRT-NPS

Respiratory Therapist

Lane Nguyen, PharmD

Clinical Pharmacy Specialist,
Pediatric Critical Care

Vittoria Arslan-Carlon, MD

Chief of Anesthesiology

Benjamin Record, MD

Director, Pediatric Pain Management

Dipti Gupta, MD

Attending Physician, Cardiology

Deborah Stein, ACNP-BC, CCRN

Advanced Practice Provider, Critical Care

Todd Heaton, MD

Attending Physician, Pediatric Surgery

Robin J. Szymkiewicz, BBA, BS, RRT

Respiratory Therapist

Yasmin Khakoo, MD

Director, Child Neurology Program

Kate Tayban, ACNP-BC, GNP-BC

APP Manager, Step Down Unit

Alina Markova, MD

Attending Physician, Dermatology

Chani Traube, MD

Attending Physician, Pediatric Critical Care

Peter Mead, MD

Attending Physician, Infectious Diseases

Joanna Yohannes-Tomicich, AGACNP-BC

APP Specialist, Critical Care

Elena Mead, MD

Attending Physician, Critical Care

It is the policy of MSK to make every effort to insure balance, independence, objectivity, and scientific rigor in all continuing medical education activities which it provides as an ACCME accredited provider. In accordance with ACCME guidelines and standards, all faculty participating in an activity provided by MSK are expected to disclose any significant financial interest or other relationship with the manufacturer(s) of any commercial product(s) and/or provider(s) of commercial services which are discussed by the faculty members in an educational presentation. As required by the ACCME, when an unlabeled use of a commercial product or an investigational use not yet approved for any purpose is discussed during an educational activity, MSK requires the speaker to disclose that the product is not labeled for the use under discussion or that the product is still investigational.

SCHEDULE

MODERATOR: Christine Marotta, PA-C

8:15 AM	Virtual Course Check-in
8:30 AM	Welcome and Introduction Tara Buchholz, ACNP-BC
8:35 AM	Empiric Antibiotic Management for Pneumonia Peter Mead, MD
9:05 AM	A-line or No A-line Deborah Stein, ACNP-BC, CCRN
9:40 AM	Dermatologic Emergencies in the Critical Care Setting Alina Markova, MD
10:05 AM	CXR Basics Kate Tayban, ACNP-BC, GNP-BC
10:25 AM	Break
10:35 AM	Posterior Reversible Encephalopathy Syndrome Yasmin Khakoo, MD
11:10 AM	Cancer and Covid: Lessons Learned from the ICU Elena Mead, MD
11:40 AM	Immunotherapy Associated Cardiotoxicity Dipti Gupta, MD
12:10 PM	The Future of ICU Care Delivery and Design: Looking Into the Crystal Ball Neil A. Halpern, MD, MCCM, FCCP, FACP
12:45 PM	Adjourn Melissa Barzola, MSN, ACNP-BC, CCRN

OPTIONAL BREAKOUT SESSIONS

The afternoon will consist of three optional breakout sessions. Additional fees apply; selection made at registration.

Ultrasonography

1:00-4:35 PM

Refer to page 4 for details

Respiratory Therapy

1:00-5:00 PM

Refer to page 5 for details

Pediatric Critical Care

1:00-5:00 PM

Refer to page 6 for details

BREAKOUT SESSION

Ultrasonography

Point of care ultrasound is now an indispensable tool for emergency and critical care providers. This breakout session is aimed at helping providers gain a foundational understanding of point of care ultrasonography and basic skills to acquire and interpret ultrasound images.

By attending this session, attendees will:

- Understand the basic indications of point of care ultrasonography
- Understand the basic principles of vascular, thoracic and cardiac point of care ultrasonography

SESSION AGENDA

MODERATORS: Leon Chen, DNP, AGACNP-BC, FCCP, FAANP
Joanna Yohannes-Tomicich, AGACNP-BC

1:00 PM	Introduction and Welcome Leon Chen, DNP, AGACNP-BC, FCCP, FAANP
1:05 PM	Ultrasound Physics Elena Mead, MD
2:00 PM	Cardiac Ultrasound Leon Chen, DNP, AGACNP-BC, FCCP, FAANP
2:45 PM	Break
2:55 PM	Pericardial Effusion and Tamponade Joanna Yohannes-Tomicich, AGACNP-BC
3:25 PM	Cardiac Ultrasound Cases Leon Chen, DNP, AGACNP-BC, FCCP, FAANP
4:10 PM	Ultrasound Training - Structured Learning or by Osmosis? Leon Chen, DNP, AGACNP-BC, FCCP, FAANP
4:35 PM	Adjourn Leon Chen, DNP, AGACNP-BC, FCCP, FAANP

BREAKOUT SESSION

Respiratory Therapy*

Respiratory care is at the mainstay of modern critical care medicine. Our breakout session is aimed at helping providers gain knowledge in various ventilator modes and other modalities such as bronchoscopy, HFNC, and noninvasive ventilation.

By attending this session, attendees will:

- Describe common modes of ventilation, frequently used entillator settings, and troubleshooting
- Discuss the basic principles and strategies to improve entilation and oxygenation in critically ill patients

SESSION AGENDA

MODERATOR: Vanessa Clermont, BS, RRT

1:00 PM	Welcome and Introduction Vanessa Clermont, BS, RRT
1:05 PM	HFNC Concepts and Application Robin Szymkiewicz, BS, RRT
2:10 PM	Non-Invasive Ventilation Applications and Concepts Vanessa Clermont, BS, RRT
3:10 PM	Break
3:20 PM	ARDSNET Application and Concepts in ARDS Vanessa Clermont, BS, RRT
4:20 PM	Proning Face Down, Sats Up Jade Almendrala MBA, RRT, RRT-ACCS, RRT-NPS
5:00 PM	Adjourn Vanessa Clermont, BS, RRT



*AARC contact hours available (respiratory breakout only).
Refer to page 8 for details.

BREAKOUT SESSION

Pediatric Critical Care

This breakout session is designed to present the latest professional topics and provide up-to-date clinical care in the Pediatric Intensive Care Unit.

By attending this session, attendees will:

- Describe current guidelines for pharmacological management in CRRT, ECMO, and malnourished states
- Apply the principles of EXMO in pediatric hematopoietic stem cell transplantation
- Discuss the diagnosis and management of pediatric delirium
- Discuss non-invasive ventilation in critically ill children in low and middle-income countries.
- Review pediatric airway complications and provider management
- Understand the complications of CAR-T Cell therapy
- Review the advances of minimally invasive surgery in the pediatric oncology population

MSK Kids, Memorial Sloan Kettering's pediatric program, is dedicated to all children, young adults, and families facing childhood cancer. With specialized expertise and care focused on the individual child, we're proud to say that more families turn to us for cancer care than any other hospital in the United States. And as pioneers in research, no one fights harder than our physicians and scientists to develop and deliver more effective strategies to prevent, treat, and ultimately cure childhood cancer—for our patients at MSK Kids, and for those everywhere.

For more information, visit: mskcc.org/kids



Pediatric Critical Care

SESSION AGENDA

MODERATOR: Elizabeth Gordon, MSN, CPNP-AC

1:00 PM	Welcome and Introduction Elizabeth Gordon, MSN, CPNP-AC
1:05 PM	Pediatric Delirium Chani Traube, MD
1:30 PM	Non-Invasive Ventilation in Critically Ill Children in Low- and Middle-Income Countries Patrick Wilson, MD
2:00 PM	ECMO in Hematopoietic Stem Cell Transplantation Umesh Joashi, MD
2:30 PM	Pediatric Airway Complications and Management Vittoria Arslan-Carlon, MD
3:00 PM	Break
3:10 PM	Non Epidural Regional Anesthesia Benjamin Record, MD
3:40 PM	Pharmacokinetic Principles during CRRT, ECMO and Malnutrition in Critically Ill Children Lane Nguyen, PharmD, BCPPS
4:10 PM	Advances in Minimally Invasive Surgery in the Pediatric Cancer Patient Todd Heaton, MD
4:40 PM	Complications of CAR-T Cell Therapy Vanessa Fabrizio, MD, MS
5:00 PM	Adjourn Elizabeth Gordon, MSN, CPNP-AC

REGISTER ONLINE: mskcc.org/criticalcare

Live Virtual Registration Fees

Early Registration Fee (register by February 12, 2021): **\$75**

General Registration Fee (register after February 12, 2021): **\$100**

Industry Rate (early fees do not apply): **\$175**

There is an additional fee of \$75 for the optional afternoon breakout sessions.

Registration Discounts/Promotions

- MSK CME offers a discounted rate for MSK Alumni, MSK Cancer Alliance and Cancer Care Partners.
- MSK employee registration is complimentary; however, you must complete course registration in order to attend this course.



This symposium is endorsed by the The Nurse Practitioner Association (NPA). Discount available for active NPA members; please email cme@mskcc.org for details.

For additional details on registration, including the MSK CME cancellation policy, please visit the course website: mskcc.org/criticalcare

ACCREDITATION

Memorial Sloan Kettering Cancer Center is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

AMA Credit Designation Statement

Memorial Sloan Kettering Cancer Center designates this live activity for a maximum of **7.75 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ANCC CNE Statement

Memorial Sloan Kettering Cancer Center–Nursing Professional Development / Continuing Education is accredited with distinction as a provider of nursing continuing professional development (NCPD) by the American Nurses Credentialing Center’s Commission on Accreditation.

8.0 NCPD credits will be awarded to participants who attend the program in its entirety and complete a program evaluation. Partial credit not awarded.

AARC Contact Hours (respiratory breakout only)

This course has been approved for 4.00 contact hour(s) Continuing Respiratory Care Education (CRCE) credit by the American Association for Respiratory Care, 9425 N. MacArthur Blvd. Suite 100 Irving TX 75063. Course # 184643000





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