



Memorial Sloan Kettering
Cancer Center



2018 CRITICAL CARE SYMPOSIUM

Monday-Wednesday

March 26-28, 2018

Memorial Sloan Kettering Cancer Center

www.mskcc.org/CriticalCare

2018 CRITICAL CARE SYMPOSIUM

This symposium is designed to provide a general overview of various critical care topics and will include optional simulation based training days using bedside ultrasonography. Lecture Sessions will be held at Zuckerman Research Center on Tuesday, March 27th. Attendees interested in the hands-on workshop will have the option to register for either Monday, March 26th, or Wednesday, March 28th (select one). Both workshop sessions will be held at Rockefeller Research Laboratories.

Monday, March 26: Ultrasound Workshop*
Tuesday, March 27: Lecture Sessions
Wednesday, March 28: Ultrasound Workshop*

*Space is limited for each workshop session - please register early.

TARGET AUDIENCE

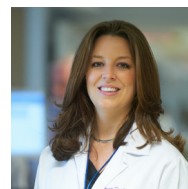
This course is intended for nurse practitioners, physician assistants, nurses, physicians and other health care professionals interested in critical care.

ULTRASOUND WORKSHOP

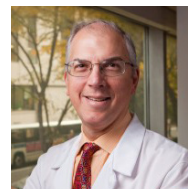
Point of care ultrasound is now an indispensable tool for emergency and critical care providers. Our workshop is aimed at helping providers gain a foundational understanding of point of care ultrasonography and basic skills to acquire and interpret ultrasound images. We will do so through didactics, guided image interpretation and supervised hands-on image acquisition on live models. Students should feel confident after the workshop that they gained the foundation and is equipped for further skill advancements through education and practice in the future.

Course Faculty

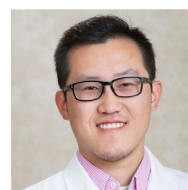
MSK COURSE DIRECTORS



Rhonda L. D'Agostino,
ACNP-BC, CCRN, FCCM
Associate Director, Critical Care Center



Neil A. Halpern,
MD, MCCM, FCCP, FACP
Director, Critical Care Center
Chief, Critical Care Medicine Service
Medical Director, Respiratory Therapy



Leon Chen,
DNP, AGACNP-BC, CCRN, CEN
Clinical Program Manager, Research and Simulated Learning

PLANNING COMMITTEE



Ann Landrove, ACNP-BC, CCRN



Christine Ammirati, PA-C
APP Specialist, Education

MSK FACULTY

Vikram Dhawan, MD

Yulia Kit, PA-C

Jibran Majeed, ACNP-BC, CCRN

Elena Mead, MD

Peter Mead, MD

Eunhye Newman, MS, ACNP-BC

Richard Weiner, ANP-C

Joanna Yohannes-Tomicich, MS, ACNP-BC

INVITED FACULTY

Jonathan De Olano, MD

Bellevue Hospital Center

Keith Forlenza, PA-C

Winthrop University Hospital

Felipe Teran, MD

Hospital of the University of Pennsylvania

Heath Walden, MD

Maimonides Medical Center

Ultrasound Workshop

Available Dates (select one):

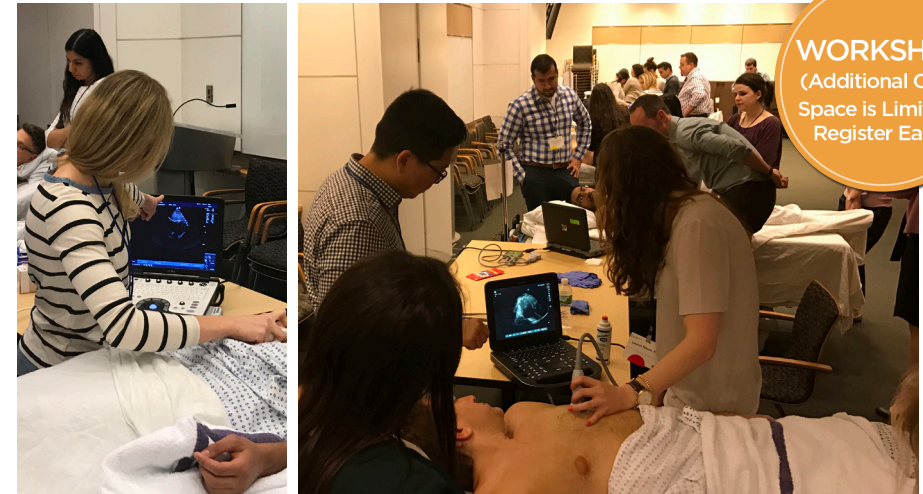
Monday, March 26, 2018

Wednesday, March 28, 2018

Workshop Location:

Rockefeller Research Laboratories
430 East 67th Street, New York, NY 10065

7:30 AM	REGISTRATION & BREAKFAST
8:00 AM	Opening Remarks
8:05 AM	Knobology/Physics Elena Mead, MD
8:45 AM	Vascular Ultrasound Joanna Yohannes-Tomicich, MS,ACNP-BC
9:25 AM	GROUP A: Image Review Yulia Kit, PA-C GROUP B: Hands-On Session
9:50 AM	GROUP B: Image Review Yulia Kit, PA-C GROUP A: Hands-On Session
10:15 AM	BREAK
10:25 AM	Thoracic Ultrasound Elena Mead, MD
11:00 AM	GROUP A: Image Review Eunhye Newman, MS, ACNP-BC GROUP B: Hands-On Session
11:40 AM	GROUP B: Image Review Eunhye Newman, MS, ACNP-BC GROUP A: Hands-On Session
12:20 PM	LUNCH BREAK
1:20 PM	Cardiac Ultrasound Leon Chen, NP
1:50 PM	GROUP A: Image Review Joanna Yohannes-Tomicich, MS,ACNP-BC GROUP B: Hands-On Session
2:40 PM	GROUP B: Image Review Joanna Yohannes-Tomicich, MS,ACNP-BC GROUP A: Hands-On Session
3:30 PM	Closing Remarks
3:35 PM	ADJOURN



Workshop Objectives

- Understand the basic indications of point of care ultrasonography
- Understand the basic principles of vascular, thoracic and cardiac point of care ultrasonography
- Recognize gross ultrasonographic abnormalities of common pathologies
- Acquire basic hands-on ultrasound image acquisition skills

Attendees may register for either Monday, March 26th, or Wednesday, March 28th (please only select one).

Space is limited for both days - please be sure to register early.



Memorial Sloan Kettering
Cancer Center

Lecture Sessions

Tuesday, March 27, 2018

Lecture Location:

Zuckerman Research Center
417 East 68th Street, New York, NY 10065

7:30 AM REGISTRATION & BREAKFAST

8:00 AM **Welcome & Introduction**
Rhonda L. D'Agostino, ACNP-BC, CCRN, FCCM
Neil A. Halpern, MD, MCCM, FCCP, FACP

Part I: Morning Session

MODERATOR: Ann Landrove, AGACNP-BC, CCRN

8:05 AM **CNS Infections**
Peter Mead, MD P

8:45 AM **MRI Basics**
Vikram Dhawan, MD

9:25 AM **CAR T-Cells: A Driver's Manual**
Elena Mead, MD

10:05 AM BREAK

10:15 AM **Stop the Bleeding: Reversal of New Anticoagulants**
Jonathan De Olano, MD

10:50 AM **EKG Axis Interpretation: Keeping Your Heart on the Straight and Narrow**
Richard Weiner, ANP-C

11:25 AM **ICU Metrics: The Good, the Bad and the Ugly**
Neil Halpern, MD, FCCP, MCCM

12:00 PM LUNCH BREAK

Part II: Afternoon Session

MODERATOR: Christine Ammirati, PA-C

1:00 PM **When the Pump Fails: The Use of Mechanical Assist Devices in the Management of Cardiogenic Shock**
Keith Forlenza, PA-C

1:40 PM **Massive Transfusion: Is There a Correct Ratio?**
Heath Walden, MD

2:20 PM BREAK

2:35 PM **Strategies to Enhance Quality in CPR: Physiologic Monitoring and Goal-Directed Approaches**
Felipe Teran, MD

3:20 PM **Navigating the Physiologically Difficult Airway**
Leon Chen, DNP, AGACNP-BC, CCRN, CEN

4:05 PM **Medical Jeopardy**
Jibrán Majeed, ACNP-BC, CCRN
Rhonda D'Agostino, ACNP-BC, CCRN, FCCM

5:00 PM **Closing Remarks**

5:30 PM ADJOURN



Lecture Objectives

- Understand likely etiological organisms and therapeutic regimens for common CNS infections
- Decipher common abnormalities on Brain MRI images
- Describe the management of patients undergoing CAR-T Cell treatment, common complications, and management
- Discuss pharmacology and toxicology of new oral anticoagulants (NOAC) and antidotes
- Understand the physiology of the heart by using vector physics and electrical axis on EKGs
- Describe how ICU metrics are utilized in delivering high-quality health care in ICUs
- Discuss mechanical assistive devices commonly used in cardiogenic shock
- Discuss the management of massive transfusion in surgical patients
- Describe current goal directed strategies to enhance quality of CPR
- Describe the approach and management to the difficult airway

Registration

	EARLY*	GENERAL
Lecture Sessions NP, PA, MD, and Other Healthcare Providers	\$200	\$250
Lecture Sessions Students	\$100	\$150
Lecture Sessions Industry Professionals**	\$390	\$440
Optional Ultrasound Workshop Add-on (Either March 26 th or March 28 th - select one)	\$400	\$400

*Early registration available until February 26, 2018

**Industry professionals may attend CME activities for their own education. Marketing, sales, and promotion of products and services is strictly prohibited at MSK CME activities.

Register Online:
www.mskcc.org/CriticalCare

Registration includes continental breakfast, lunch, and refreshment breaks. Please contact cme@mskcc.org at least one week prior to the course if you have any special dietary needs.

- **30% Discounted Rate for MSK Alumni and MSK Alliance Members:** MSK offers a 30% discounted rate to all MSK Alumni and MSK Alliance members to attend a CME course. Please contact cme@mskcc.org for a promotion code or more information.
- **MSK Staff Registration:** Registration is complimentary for MSK staff. However, you must register online: www.mskcc.org/CriticalCare

ACCOMMODATIONS

MSK has negotiated special rates and amenities at select hotels in Manhattan. For information on hotels in the area of MSK with discounted rates, please visit: www.mskcc.org/cme.

SYMPOSIUM LOCATION

Lecture sessions on Tuesday, March 27, 2018, will be held at:

Zuckerman Research Center
417 East 68th Street
New York, NY 10065

The Ultrasound Workshop on Monday, March 26, 2018, and Wednesday, March 28, 2018, will be held at:

Rockefeller Research Laboratories
430 East 67th Street
New York, NY 10065

CONTACT

For more information, including all upcoming MSK CME courses, visit our website at www.mskcc.org/cme. To contact us directly, email cme@mskcc.org.

 **#MSKCriticalCareCME**



Accreditation

ACCREDITATION STATEMENT

MSK is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.



AMA CREDIT DESIGNATION STATEMENT

MSK designates this live activity for a maximum of **13.75 AMA PRA Category 1 Credit(s)**[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

CONTINUING EDUCATION CREDIT

Memorial Sloan Kettering Cancer Center - Nursing Professional Development/Continuing Education is accredited with distinction as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.



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

FACULTY DISCLOSURE

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.



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