

NEW THIS YEAR
Pediatric Workshop
(Space is Limited)

Ultrasound: From Basics to Bedside Diagnosis and Procedures

May 18 – 19, 2018

Holiday Inn Cleveland Clinic and
Cleveland Clinic Simulation and Advanced Skills Center
8650 Euclid Avenue
Cleveland, OH



Register Today! ccfcme.org/GoUltra

You'll Want To Be At This Workshop

The use of ultrasound to diagnose and guide procedures is growing rapidly and you don't want to be left behind. This growth is primarily fueled by data indicating that ultrasound can improve the success rate of various procedures while decreasing complications. This ultrasound workshop will provide you with current state-of-the-art techniques for diagnosis and guiding procedures. You will be able to incorporate the lessons you learn by attending this workshop into your clinical practice.

Stay Current With These Objectives

- Apply focused assessment with sonography for trauma and cardiac tamponade
- Demonstrate appropriate skills to use ultrasound for different procedures using ultrasound guided techniques
- Demonstrate competence to use ultrasound guidance for central and peripheral venous access and peripheral arterial access
- Describe best use of ultrasound for paracentesis, thoracentesis, and arthrocentesis
- Describe most effective diagnostic use of both new and marketed ultrasound devices
- Describe the issues associated with pediatric ultrasound
- Highlight basic science of ultrasound techniques and interpret their implications for clinical practice

Who Will Attend

This workshop is designed for physicians, physician assistants, and nurse practitioners in emergency medicine, internal medicine, critical care, cardiology, general surgery, pediatrics, pulmonology, and radiology.

Activity Codirectors



Amanjit Gill, MD
Staff
Interventional Radiology
Imaging Institute



Eduardo Mireles-Cabodevila, MD
Director
Simulation and Advanced Skills
Center
Education Institute

Cleveland Clinic Faculty

Patrick Collier, MD, PhD, FASE, FESC
Associate Staff
Cardiovascular Medicine
Heart and Vascular Institute

Myra Feldman, MD
Associate Staff
Computed Tomography
Imaging Institute

Michael Forney, MD
Associate Staff
Regional Radiology
Imaging Institute

Keshava Murthy Narayana Gowda, MD
Associate Staff
Pediatric Critical Care Medicine
Pediatric Institute

Douglas Joseph, DO, RVT, RPVI
Staff
Cardiovascular Medicine
Heart and Vascular Institute

Venkatesh Kambhampati, MD
Associate Staff
Emergency Medicine
Emergency Services Institute

Aanchal Kapoor, MD
Associate Staff
Critical Care Medicine
Respiratory Institute

Maria Kertesz, BSN, RN, VA-BC
Nurse Manager
Imaging Institute

Rekha Mody, MD
Associate Staff
Diagnostic Radiology
Imaging Institute

Ajit Moghekar, MD
Associate Staff
Critical Care Medicine
Respiratory Institute

Michael Taylor, MD
Staff
Cardiothoracic Anesthesiology
Anesthesiology Institute

Friday, May 18, 2018

Holiday Inn Cleveland Clinic

7:15 am	Registration and Continental Breakfast	10:15 am	Refreshment Break
8:10 am	Welcome and Introduction <i>Amanjit Gill, MD</i>	10:35 am	Venous Ultrasound <i>Douglas Joseph, DO</i>
8:15 am	Basics of Ultrasound <i>Myra Feldman, MD</i>	10:55 am	Paracentesis, Thoracentesis, and Arthrocentesis <i>Rekha Mody, MD</i> <i>Michael Forney, MD</i>
8:35 am	Central Venous Access <i>Michael Taylor, MD</i>	11:15 am	Focused Assessment with Sonography for Trauma (FAST) and Cardiac Tamponade <i>Venkatesh Kambhampati, MD</i>
8:55 am	Peripheral Arterial and Venous Access <i>Aanchal Kapoor, MD</i> <i>Maria Kertesz, BSN, RN, VA-BC</i>	11:35 am	Pediatric Ultrasound <i>Keshava Murthy Narayana Gowda, MD</i>
9:15 am	Echocardiography <i>Patrick Collier, MD, PhD</i>	11:55 am	Lunch and Exhibits at Simulation and Advanced Skills Center
9:55 am	Lung Ultrasound <i>Ajit Moghekar, MD</i>		

1:00 pm
Ultrasound Guided Procedures – Advanced Skills and Simulation Center
Indicate your choice on the workshop registration form.

Session A: 1:00 – 3:00 pm				
Four-Hour Long Workshop <i>Combined Sessions A and B</i> 1:00 – 5:30 pm (includes ½ hour break)	OR	Two-Hour Long Workshops (Choose One)	OR	One-Hour Long Workshops (Choose Two)
Echocardiography Lead: <i>Patrick Collier, MD, PhD</i>		Paracentesis, Thoracentesis, and Arthrocentesis Leads: <i>Michael Forney, MD</i> and <i>Rekha Mody, MD</i>		Basics of Ultrasound Lead: <i>Myra Feldman, MD</i>
		Central Venous Access, Internal Jugular, Femoral, and Subclavian Lead: <i>Michael Taylor, MD</i>		
		Focused Assessment with Sonography for Trauma (FAST) and Cardiac Tamponade Lead: <i>Venkatesh Kambhampati, MD</i>		Venous Ultrasound Lead: <i>Douglas Joseph, DO</i>
		Pediatric Ultrasound Lead: <i>Keshava Murthy Narayana Gowda, MD</i>		

3:00 pm Refreshment Break and Exhibits

Session B: 3:30 – 5:30 pm				
Four-Hour Long Workshop <i>Combined Sessions A and B</i> 1:00 – 5:30 pm (continued) (includes ½ hour break)	OR	Two-Hour Long Workshops (Choose One)	OR	One-Hour Long Workshops (Choose Two)
Echocardiography Lead: <i>Patrick Collier, MD, PhD</i>		Paracentesis, Thoracentesis, and Arthrocentesis Leads: <i>Michael Forney, MD</i> and <i>Rekha Mody, MD</i>		Basics of Ultrasound Lead: <i>Myra Feldman, MD</i>
		Central Venous Access, Internal Jugular, Femoral, and Subclavian Lead: <i>Michael Taylor, MD</i>		
		Focused Assessment with Sonography for Trauma (FAST) and Cardiac Tamponade Lead: <i>Venkatesh Kambhampati, MD</i>		Venous Ultrasound Lead: <i>Douglas Joseph, DO</i>
		Pediatric Ultrasound Lead: <i>Keshava Murthy Narayana Gowda, MD</i>		

5:30 pm Adjourn

Saturday, May 19, 2018

Advanced Skills and Simulation Center

7:00 am Registration and Continental Breakfast
8:00 am Ultrasound Guided Procedures – Indicate your choice on the workshop registration form.

Session C: 8:00 – 10:00 am				
Four-Hour Long Workshop <i>Combined Sessions C and D</i> 8:00 am – 12:30 pm (includes ½ hour break)	OR	Two-Hour Long Workshops (Choose One)	OR	One-Hour Long Workshops (Choose Two)
Echocardiography Lead: <i>Patrick Collier, MD, PhD</i>		Paracentesis, Thoracentesis, and Arthrocentesis Leads: <i>Michael Forney, MD and Rekha Mody, MD</i>		Ultrasound Guided Peripheral IV Access and Brachial/Radial Arterial Line Leads: <i>Aanchal Kapoor, MD and Maria Kertesz, BSN, RN, VA-BC</i>
		Central Venous Access, Internal Jugular, Femoral, and Subclavian Lead: <i>Michael Taylor, MD</i>		
		Focused Assessment with Sonography for Trauma (FAST) and Cardiac Tamponade Lead: <i>Venkatesh Kambhampati, MD</i>		
		Pediatric Ultrasound Lead: <i>Keshava Murthy Narayana Gowda, MD</i>		Lung Ultrasound Lead: <i>Ajit Moghekar, MD</i>

10:00 am Refreshment Break and Exhibits

Session D: 10:30 am – 12:30 pm				
Four-Hour Long Workshop <i>Combined Sessions C and D</i> 8:00 am – 12:30 pm (continued) (includes ½ hour break)	OR	Two-Hour Long Workshops (Choose One)	OR	One-Hour Long Workshops (Choose Two)
Echocardiography Lead: Patrick Collier, MD, PhD		Paracentesis, Thoracentesis, and Arthrocentesis Leads: Michael Forney, MD and Rekha Mody, MD		Ultrasound Guided Peripheral IV Access and Brachial/Radial Arterial Line Leads: Aanchal Kapoor, MD and Maria Kertesz, BSN, RN, VA-BC
		Central Venous Access, Internal Jugular, Femoral, and Subclavian Lead: Michael Taylor, MD		
		Focused Assessment with Sonography for Trauma (FAST) and Cardiac Tamponade Lead: Venkatesh Kambhampati, MD		Lung Ultrasound Lead: Ajit Moghekar, MD
		Pediatric Ultrasound Lead: Keshava Murthy Narayana Gowda, MD		

12:30 pm Adjourn

Optional Workshop		
Saturday, May 19, 2018 – 12:30 pm – 5:00 pm Additional Registration Fee – Space is limited so early online registration is recommended.		
Airway Management in the Critically Ill		
This interactive workshop will provide participants the opportunity to demonstrate knowledge, application, management, and evaluation when faced with a difficult airway case. Learners will build upon prior knowledge and experiences through an informative presentation, hands-on skills stations, and participation in clinical scenarios. The cases will range from airway assessment and basic intubation up through difficult airway assessment, as well as skills practice using the latest technology for managing airways in a variety of critical care settings.		
12:30 – 1:00 pm	Light Lunch and Exhibits	
1:00 – 5:00 pm	Workshop	
Cleveland Clinic Faculty	Siddharth Dugar, MD	Eduardo Mireles-Cabodevila, MD
Aanchal Kapoor, MD	Associate Staff	Staff
Associate Staff	Critical Care Medicine	Critical Care Medicine
Critical Care Medicine	Respiratory Institute	Respiratory Institute
Respiratory Institute		

General Information

Location

Holiday Inn Cleveland Clinic

8650 Euclid Avenue
Cleveland, OH 44106

and

Simulation and Advanced Skills Center

Stanley Shalom Zielony Plaza (formerly HealthSpace)
Euclid Ave at 89th Street
Cleveland, OH 44106
Phone: 216.445.5463

Hotel Accommodations

A limited block of rooms has been reserved at the Holiday Inn Cleveland Clinic until April 26, 2018. The Hotel is within walking distance to the Simulation and Advanced Skills Center.

To make your reservations, contact the hotel at 216.707.4200 or 888.HOLIDAY and identify yourself as an attendee for the **Ultrasound Workshop** for special rates of \$129 plus tax.

Parking

Parking is available at the Holiday Inn Cleveland Clinic hotel for an additional charge, or valet parking there is available at a rate of \$14.00/night. Parking is also available in surrounding lots.

Information

For further information about this activity, contact the Cleveland Clinic Center for Continuing Education.

Local: 216.444.9990 ext. 2
Website: ccfcmc.org/GoUltra

Americans with Disabilities Act

The Cleveland Clinic Foundation Center for Continuing Education fully intends to comply with the legal requirements of the Americans with Disabilities Act. If you need assistance, please notify us at least two weeks prior to the activity.

Registration

Ultrasound: From Basics to Bedside Diagnosis and Procedures

May 18-19, 2018

Fee includes: continental breakfast, refreshment breaks, Friday lunch, program book, faculty PowerPoint presentations in PDF format available online, and workshops.

Category	Before March 12, 2018	After March 12, 2018
Physician	\$1,200	\$1,300
Resident/Fellow*	\$975	\$1,075
Nonphysician	\$975	\$1,075

*Letter from program director is required to receive the discounted fee. If letter is not received two weeks prior to the activity, the full physician fee will be charged.

(Optional) Airway Management in the Critically Ill Workshop

May 19, 2018 – 12:30pm – 5:00pm

Fee includes: light lunch, program book, and faculty PowerPoint presentations in PDF format available online.

Airway Management in the Critically Ill	On or Before March 12, 2018	After March 12, 2018
Physician	\$450	\$550
Nonphysician	\$450	\$550
Resident/Fellow	\$450	\$550

To register per, day please call CME Registration at 216.448.8710.

Visit www.ccfcmc.org/GoUltra for complete registration information.

Registration and Cancellation

Preregistrations are accepted until 2:00 pm ET May 17, 2018. Register on site after this date.

In case of cancellation, email notification is required to process your refund. A full refund will be issued if cancelled by April 27, 2018. After April 27, 2018, a \$350 cancellation fee for the **Ultrasound Workshop** and/or a \$150 cancellation fee for Airway Management in the Critically Ill workshop will be deducted from your refund. No refunds will be issued after May 17, 2018. For questions about registration or cancellation, email us at cmeregistration@ccf.org or call 216.448.8710.

Cleveland Clinic Center for Continuing Education reserves the right to cancel or postpone an activity at our sole discretion. In the unlikely event that this occurs, any registration fee(s) paid will be refunded. Be advised that Cleveland Clinic is not responsible for related costs including airline tickets, hotel costs, or any similar fee penalties incurred as a result of any trip cancellations or changes.

Accreditation

The Cleveland Clinic Foundation Center for Continuing Education is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Cleveland Clinic Foundation Center for Continuing Education designates:

- Ultrasound: From Basics to Bedside Diagnosis and Procedures live activity for a maximum of 11.50 AMA PRA Category 1 Credits™.
- Optional Airway Management in the Critically Ill Workshop live activity for a maximum of 4 AMA PRA Category 1 Credits™.

Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Participants claiming CME credit from this activity may submit the credit hours to the American Osteopathic Association for Category 2 credit.

Other Health Care Professionals

A certificate of attendance will be provided to other health care professionals for requesting credits in accordance with state nursing boards, specialty societies, or other professional associations.

Faculty Disclosure

The Cleveland Clinic Foundation Center for Continuing Education has implemented a policy to comply with the current Accreditation Council for Continuing Medical Education Standards for Commercial Support requiring resolution of all faculty conflicts of interest. Faculty declaring a relevant commercial interest will be identified in the activity syllabus.

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Cleveland, OH



Cleveland Clinic

The Cleveland Clinic Foundation
9500 Euclid Avenue, TR204
Cleveland, OH 44195

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Register Today!

ccfcme.org/GoUltra