

2nd Annual 2024 Extracorporeal Membrane Oxygenation Symposium

Saturday,
October 26, 2024
7:30am-4:30pm EDT

Zucker School of Medicine
500 Hofstra Boulevard
Hempstead, NY 11549

Virtual option also available

[Register here](#)



DONALD AND BARBARA
ZUCKER SCHOOL of MEDICINE
AT HOFSTRA/NORTHWELL.

This activity was planned by and for the health care team, and learners will receive 8.0 Interprofessional Continuing Education (IPCE) credits for learning and change.

PROGRAM AGENDA

7:30am Breakfast/Registration/Exhibits

7:55am Welcome/Opening remarks
Frank Manetta, MD

Session I Moderator: Mangala Narashiman, DO

8am Keynote speaker — The Future of MCS
Ashish Shah, MD

8:30am Daily Monitoring Tools
Karl Bocchieri, CCP

8:55am Utility of POCUS and Echocardiography in ECMO
Zubair Hasan, MD

9:20am Break and exhibits

Session II Moderator: Mangala Narashiman, DO

9:40am VV ECMO in Non-ARDS Populations
Kelvin Wong, MD

10:05am Perspectives in Toxicology: Drug Overdose & Shock —
What is the Role of ECMO?
Joshua Nogar, MD

10:30am Bedside Considerations
Amy Lorenz, RN, and Ronni Kivovitz, RN

10:55am Case presentation: Steven Saunders, MD
Q&A panelists: Ashish Shah, MD; Karl Bocchieri, CCP; Zubair Hasan, MD;
Kelvin Wong, MD; Joshua Nogar, MD; Amy Lorenz, RN; Ronni Kivovitz, RN

11:45am Lunch lecture — Pediatric ECMO (video)
Timothy Martens, MD, PhD

Exhibits

Continues next page

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PROGRAM AGENDA

Session III	Moderator: Miguel Alvarez Villela, MD
12:45pm	ECMO in the Setting of PE/CTEPH and RV Failure Erica Altschul, DO, and Sean Wilson, MD
1:10pm	Cath Lab/Structural/EP Interventions on ECMO Spencer Liu, MD
1:35pm	When your ECMO Patient Needs Surgery Greta Piper, MD
2pm	Break and exhibits
Session IV	Moderator: Miguel Alvarez Villela, MD
2:20pm	Decision to Upgrade or Downgrade Support, To What and When? Deane Smith, MD
2:45pm	Timing of Tracheostomy or Removal of Positive Pressure Maksim Korotun, DO
3:10pm	Post Decannulation Concerns Sima Parikh, MD, and Andrea Benintendi, LCSW
3:35pm	Case presentation: Lauren Bougioukas, MD Q&A panelists: David E. Vespe, CCP; Erica Altschul, DO; Sean Wilson, MD; Spencer Liu, MD; Greta Piper, MD; Deane Smith, MD; Maksim Korotun, DO; Sima Parikh, MD; Andrea Benintendi, LCSW
4:25pm	Closing remarks and adjourn Frank Manetta, MD

[Register here](#)

PROGRAM FACULTY

Course director

Frank Manetta, MD*

Surgical Director, Acute Lung Injury Program
Program Director, Independent and Integrated
Thoracic Surgery Residencies
Medical Director, Perfusion Medicine Program at
Hofstra University
Professor, Cardiovascular and Thoracic Surgery
Zucker School of Medicine

Keynote speaker

Ashish Shah, MD

Alfred Blalock Endowed Director
and Chairman
Department of Cardiac Surgery
Vanderbilt University Medical Center
Vanderbilt Medical Center East
Professor, Cardiac Surgery

Faculty

Erica Altschul, DO

Director, Pulmonary Hypertension, Western Region
Department of Pulmonary and Critical Care
Lenox Hill Hospital

Miguel Alvarez Villela, MD*

Interventional Heart Failure
Lenox Hill Hospital
Cardiac Catheterization Laboratory

Andrea Benintendi, LCSW, ACHP-SW

Palliative Care Social Work
North Shore University Hospital

Karl Bocchieri, CCP*

System Director, Perfusion Services
Northwell Health

Lauren Bougioukas, MD

Resident, Cardiothoracic Surgery

Zubair Hasan, MD, FCCP*

Director, Medical Intensive Care Unit
Long Island Jewish Medical Center
Associate Medical Director, VV-ECMO Program
Division, Pulmonary, Critical Care and Sleep Medicine
Department of Medicine
Associate Professor
Zucker School of Medicine

Ronni Kivovitz, RN*

Clinical Impact Nurse
North Shore University Hospital
Nursing Education
Long Island Jewish Medical Center

Maksim Korotun, DO, FCCP*

Assistant Director, Advanced Lung Disease
& Transplantation
Assistant Professor, Medicine
Division of Pulmonary, Critical Care and
Sleep Medicine
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Spencer Liu, MD*

Interventional Cardiology/Advanced Heart
Failure Transplant
Staten Island University Hospital
Assistant Professor, Department of Cardiology
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Amy Lorenz, RN*

Cardiothoracic Critical Care
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Timothy P. Martens, MD, PhD

Surgical Director, Cardiac Transplantation
Director, Data Strategy and Innovation
The Heart Center, Cohen Children's Medical Center
Associate Professor
Cardiothoracic Surgery and Pediatrics
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Mangala Narasimhan, DO, FCCP*

SVP, Director of Critical Care Services
Medical Director, Acute Lung Injury/
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Professor of Medicine
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PROGRAM FACULTY

Joshua Nogar, MD

Director, Division of Medical Toxicology
Fellowship Director, Medical Toxicology
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Assistant Professor, Emergency Medicine,
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Sima Parikh, MD

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Division of Geriatrics and Palliative Medicine
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Director, Cardiothoracic Critical Care Service Line
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Chief Fellow, Pulmonary Medicine

Ashish Shah, MD

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Deane Smith, MD

Surgical Director, Heart Transplantation and
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David E. Vespe, CCP

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Sean Wilson, MD

Associate Director, Structural Heart
Assistant Professor
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Kelvin Wong, MD

Division of Pulmonary and Critical Care
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Additional planning committee members

Kirsten Bland, NP

Acute Lung Injury/ECMO NP
Medical Intensive Care Unit
Long Island Jewish Medical Center

Valerie Demekhin, PharmD

Pharmacy Supervisor, Heart and Lung Transplant
North Shore University Hospital

Joe Greco, CCP

Lead Perfusionist
Long Island Jewish Medical Center
Cohen Children's Medical Center
Northwell Health

Patrick Muzzonigro, PA

Supervisor, Advanced Clinical Providers
Cardiothoracic Surgery
North Shore University Hospital

Gerin Stevens, MD, PhD

Advanced Heart Failure and Transplant Cardiology
Associate Professor
Hofstra Northwell School of Nursing and
Physician Assistant Studies
Associate Professor
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Conference coordinated by

Christian Adams

Director
Cardiology and Cardiothoracic Surgery

Angela Alberti, PA

ECMO Coordinator

Randy K. Whitener, BA

CME Program Administrator

Catherine Leonardo

Project Manager
Northwell Health's
Office of Continuing Medical Education

*Planners

PROGRAM INFORMATION

Statement of need: ECMO is a relatively rare and complex intervention that requires a host of disciplines working together to care for these patients effectively. There is a lack of awareness of how ECMO may be used in certain subgroups of our heart and lung failure patient population. It is crucial to appropriately identify candidates at the right time during their decompensation to effectively use ECMO as an intervention that we will bring awareness to. Providers across the health care system must be able to identify cases stemming from many different disease processes, call consultants at the appropriate time with pertinent data, and potentially manage them during the cannulation process and during certain stages of their ECMO course. This course will address 1) disease processes and their indications for ECMO consideration 2) how to care for an ECMO patient during necessary interventions 3) utilization of helpful tools and tests while on circuit 4) weaning strategies 5) the importance of multidisciplinary care, including communication and coordination.

Program objectives: All Northwell Health CME activities are intended to improve patient care, safety and outcomes. At the conclusion of this conference, participants should be able to:

- **Evaluate** heart and lung failure patients and identify if they are appropriate candidates for acute lung injury, shock consult and/or ECMO deployment.
- **Utilize** communication and coordination across the various health care teams to prepare for and manage patients on ECMO during necessary interventions.
- **Formulate** effective weaning strategies to liberalize patients from ECMO to other modes of treatment when appropriate.

Target audience: This activity was planned by and for physicians, nurses, physician assistants, nurse practitioners, perfusionists and pharmacists. All other members of the health care team who are interested in extracorporeal membrane oxygenation support are welcome to attend.

Joint accreditation statement: In support of improving patient care, Northwell Health 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.



Credit designation statements

- **Physicians:** Northwell Health designates this live activity for a maximum of 8.0 AMA PRA Category 1 Credits™. Physicians should claim only credit commensurate with the extent of their participation in the activity.
- **Nurses:** Northwell Health designates this activity for 8.0 ANCC contact hours.
- **Pharmacists:** Northwell Health designates this activity for a maximum of 8.0 ACPE credit hours.
- **Physician assistants:** Northwell Health 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 8.0 AAPA Category 1 CME credits. PAs should only claim credit commensurate with the extent of their participation.
- **Perfusionists:** 9.3 Category I ABCP Approved CEU's

American Board of Internal Medicine (ABIM) MOC

statement: Successful completion of this CME activity, which includes participation in the evaluation component (self-assessment), enables the participant to earn 8.0 MOC medical knowledge points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.



PROGRAM INFORMATION

ABS CC statement: American Board of Surgery (ABS) Continuous Certification (CC) statement:

Successful completion of this CME activity enables the participant to earn credit toward the CME requirement(s) of the American Board of Surgery's Continuous Certification program. It is the CME activity provider's responsibility to submit learner completion information to ACCME for the purpose of granting ABS credit.



Verification of attendance: This will be provided to all professionals.

Location:

Donald and Barbara Zucker School of Medicine at Hofstra/Northwell
500 Hofstra Boulevard, Hempstead, NY 11549

Course offering and registration fees:

	FEE
Physicians	\$150
Non-physician care providers	\$120
Non-Northwell trainees and students with ID	\$50
Northwell/Hofstra trainees and students with ID	No charge

***Northwell Health alumni (a former member of the Northwell team):** contact the Northwell Health Alumni Network at alumni@northwell.edu to obtain a discounted registration code.

Registration fee includes: Breakfast, lunch, course materials, CME/Verification of attendance certificate and parking.

Cancellation policy: To receive a refund, all cancellations must be confirmed via email to Catherine Leonardo, CME project manager (cleonardo@northwell.edu), Office of Continuing Medical Education, by Friday, September 27, 2024. An administrative fee of \$10 will be kept for all cancellations. No refunds will be made after this date or for "no-shows."

Disclosure policy: Northwell Health adheres to the ACCME's Standards for Integrity and Independence in Accredited Continuing Education. Any individuals in a position to control the content of a CME-CE activity, including faculty, planners, reviewers or others are required to disclose all financial relationships with ineligible companies. All relevant financial relationships have been mitigated prior to the commencement of the activity.

Americans with Disabilities Act (ADA): This conference is in compliance with provisions of the ADA and is accessible for individuals with special needs. If you would like to attend this conference and require any special accommodations, please contact the Office of CME at (516) 730-2263.

[Register here](#)