

Thursday September 16, 2010



Extracorporeal Membrane

Oxygenation Course:

Current Uses and Future Directions



COLUMBIA UNIVERSITY
MEDICAL CENTER



New York-Presbyterian

Introduction

This one-day educational symposium will focus on the most up-to-date techniques, benefits, applications, and appropriate uses of ECMO in the adult patient. Lectures will be given by nationally recognized experts in the field who will address the current clinical practice, newest technologies, recent evolution within the field, and the future uses of ECMO devices in adult patients. In addition, a small group of attendees will have the opportunity to participate in a wet lab to receive hands-on ECMO training. The remainder of attendees will observe the procedure as it is beamed live into the conference room. The overall program format will cover all major areas of ECMO and successful management of patients receiving this treatment.

Target Audience

This activity is designed for Cardiac Surgeons, Cardiologists, Interventional Cardiologists, Intensive Care Specialists, Perfusionists, Pulmonologists, Respiratory Therapists, Thoracic Surgeons, and clinicians who are active in the clinical application and treatment of patients on extracorporeal membrane oxygenation (ECMO).

Learning Objectives

- Provide current status of ECMO utilization in pulmonary and cardiopulmonary disease
- Introduce available technology for ECMO devices and its proper use
- Teach current protocol management for patients on ECMO
- Demonstrate role of ECMO in the medical intensive care unit for patients with acute lung injury and ARDS
- Demonstrate cannulation techniques for ECMO devices
- Elucidate future applications of ECMO

Expected Learning Outcomes

- Understand the criteria for ECMO indications
- Learn the pulmonary and cardiopulmonary applications of ECMO
- Learn what type of equipment and instruments are required in ECMO cases
- Gain an understanding of how to manage ECMO equipment and respiratory ventilators
- Learn the algorithm for anticoagulation management
- Gain an understanding of cannulae insertion techniques for ECMO perfusion
- Develop management skills for ECMO patients in the medical intensive care unit pre- and post-ECMO perfusion

Accreditation/Designation of Credit

The College of Physicians and Surgeons of Columbia University is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The College of Physicians and Surgeons designates this educational activity for a maximum of *7.25 AMA PRA Category 1 Credits™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

The American College of Nurse Practitioners (ACNP) and The American Academy of Physician Assistants (AAPA) accept AMA/PRA category 1 credit from organizations accredited by the ACCME.

The American Nurses Credentialing Center (ANCC) accepts AMA/PRA category 1 credit toward recertification requirements.

We expect support for this program through grants from pharmaceutical and medical device companies.

Disclosure Statement

The College of Physicians and Surgeons must ensure balance, independence, objectivity, and scientific rigor in its educational activities. All faculty participating in this activity are required to disclose to the audience any significant financial interest and/or other relationship with the manufacturer(s) of any commercial product(s) and/or provider(s) of commercial services discussed in his/her presentation and/or the commercial contributor(s) of this activity. When unlabeled uses are discussed, these will also be indicated.

Meeting Location

NewYork-Presbyterian Hospital/Columbia University Medical Center
Vivian and Seymour Milstein Family Heart Center
Myrna Daniels Auditorium
173 Fort Washington Avenue
New York, NY 10032

Parking

Parking is available at the NewYork-Presbyterian Hospital/Columbia University Medical Center parking lot, located on the southwest corner of Fort Washington Avenue and West 165th Street.

Subway

Take the 1, A, C lines to 168 Street-Washington Heights/Broadway.

Local Area Hotels

For a listing of local area hotels, please visit www.ColumbiaSurgeryCME.org and select *ECMO CME*.



Program Agenda

- 7:30am – 8:30am Registration, Breakfast, and Vendor Exhibits
- 8:30am – 9:00am Course introduction: History, Current Technology, Future Uses
Matthew Bacchetta, MD, MBA, MA
- 9:00am – 9:45am Evolving Applications of ECMO in the MICU
Daniel Brodie, MD
- 9:45am – 10:15am Columbia Mini-ECMO Circuit
James R. Beck, CCP
- 10:15am – 10:30am Q & A
- 10:30am – 10:45am Morning Break & Vendor Exhibits
- 10:45am – 11:15am Technical Aspects of Cannulation: Selection, TEE, and Fluoroscopy (VV, VA, VA w/ fem sideport)
Matthew Bacchetta, MD, MBA, MA
Hiroo Takayama, MD
Jack S. Shanewise, MD
James R. Beck, CCP
- 11:15am – 12:15pm Wet Lab
Matthew Bacchetta, MD, MBA, MA
Hiroo Takayama, MD
Perfusion Team
- 12:15pm – 1:15pm Lunch & Vendor Exhibits
- 1:15pm – 1:45pm Perfusionists' Pointers for ECMO Low Dose Heparin Protocol
Linda B. Mongero, CCP
James R. Beck, CCP
- 1:45pm – 2:15pm ECMO for Bridge to Transplantation & Research Applications of ECMO
David J. Lederer, MD, MS
- 2:15pm – 2:30pm Q & A
- 2:30pm – 2:45pm Afternoon Break & Vendor Exhibits
- 2:45pm – 3:30pm Bedside Management of ECMO
Matthew Bacchetta, MD, MBA, MA
Daniel Brodie, MD
Linda B. Mongero, CCP
- 3:30pm – 4:15pm Cardiac Applications of ECMO
Hiroo Takayama, MD
- 4:15pm – 5:00pm Transport ECMO: Criteria, device configuration, & management
Jennifer A. Cunningham, MD
James R. Beck, CCP
- 5:00pm – 5:20pm Q & A
- 5:20pm – 5:30pm Closing Remarks

NewYork-Presbyterian Hospital/Columbia University Medical Center Faculty Listing

Program Directors

Matthew Bacchetta, MD, MBA, MA
Assistant Professor of Surgery
Division of Cardiothoracic Surgery
Columbia University College of
Physicians and Surgeons
Director, Adult ECMO Program
Director, Pulmonary Thromboendartectomy Program

Daniel Brodie, MD
Assistant Professor of Clinical Medicine
Division of Pulmonary and Critical Care Medicine
Columbia University College of
Physicians and Surgeons
Medical Director, Adult ECMO Program
Associate Director, Medical Intensive Care



Faculty

James R. Beck, CCP
Chief Perfusionist
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Columbia University College of
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Assistant Professor of Clinical Medicine
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Contact Information

Columbia University Medical Center
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Registration Fees

Physicians

\$350 didactic sessions only

\$850 didactic sessions & wet lab

(Limited availability. A maximum of 10 physicians can enroll in the wet lab to be confirmed on a first-come, first-served basis.)

Non-Physicians, Residents, Trainees

\$150 didactic sessions only

Didactic sessions are gratis to NYPH faculty, staff, trainees, residents and fellows. Preregistration and photo ID required.

Registration fees include academic presentations, course materials and meals. Confirmation of registration will be sent via e-mail upon receipt of the completed registration form and full payment.

Payment Method

Online:

To make credit a card payment, please register online at www.ColumbiaSurgeryCME.org and select *ECMO CME*.

For security purposes, credit card payments cannot be accepted in the mail or by phone. (MasterCard, Visa or Discover only. American Express is not accepted)

By Mail:

Complete the attached registration form and mail together with full payment to:
ATTN: ECMO Coordinator, Columbia University Medical Center, Department of Surgery,
External Affairs, 400 Kelby Street, 11th Floor, Fort Lee, NJ 07024.

Enclose a check or money order made payable to Columbia University Department of Surgery. Checks must be in U.S. dollars drawn on a U.S. bank.

Registration

Please register me for the continuing education program titled:

Extracorporeal Membrane Oxygenation Course: Current Uses and Future Directions

Thursday September 16, 2010

Vivian and Seymour Milstein Family Heart Center
173 Fort Washington Avenue, New York, NY

Space is limited, early registration is highly encouraged

Please print or type

First Name	M.I.	Last Name	Degree(s)
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Company/Affiliation

Address

City	State	Zip
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Daytime Phone	Daytime Fax
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E-mail (required for confirmation purposes)

Specialty

Special Needs (specify accommodations needed)

Attendee Signature	Date
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Please Note:

Registration is limited and will be handled on a first-come, first-served basis. Telephone registrations and/or cancellations are not accepted. Refund of registration fee, less a \$25 administrative charge, will be made if written notice of cancellation is received by Thursday, September 2nd. Unfortunately, no refunds can be made thereafter.



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Department of Surgery, External Affairs
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Fort Lee, New Jersey 07024



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