



**15th Annual Multidisciplinary
Cardiovascular and Thoracic Critical Care Conference**

**October 4-6, 2018
Omni Shoreham Hotel,
Washington, DC**

Program Directors

Nevin M. Katz, MD
Thomas E. MacGillivray, MD

Day 1

Thursday October 4, 2018

7:00 a.m. – 8:00 a.m.

REGISTRATION / BREAKFAST

7:00 a.m. – 4:30 p.m.

EXHIBITS OPEN

8:00 a.m. – 8:10 a.m.

Welcome, Announcements, and Introductory Remarks

Nevin M. Katz, MD and Thomas E. MacGillivray, MD

8:10 a.m. – 9:40 a.m.

Session I: Cardiovascular Issues

Moderators: *Rita Karianna Milewski, MD and Colleen G. Koch, MD*

8:10 a.m. – 8:30 a.m.

Multidisciplinary Approach to Shock

*Jerrold H. Levy, MD, Charles E. Murphy, MD, Lisa Hall Zimmerman, PharmD,
Mary Zellinger, ANP, and Desiree Bonadonna, CCP*

8:30 a.m. – 8:50 a.m.

Critical Care of the Aortic Patient and Aortic Emergencies

Thomas E. MacGillivray, MD

8:50 a.m. – 9:10 a.m.

The Complexity of Vasoplegic Syndrome: Risk Factors, Diagnosis, and Management

Megan P. Kostibas, MD

9:10 a.m. – 9:40 a.m.

Panel Discussion

9:40 a.m. – 10:00 a.m.

BREAK / VISIT EXHIBITS

10:00 a.m. – 10:45 a.m.

Keynote Address

Moderators: *Nevin M. Katz, MD and Richard L. Prager, MD*

10:45 a.m. – 12:15 p.m.

Session 2: Infections – Prevention and Management

Moderators: *Joseph F. Dasta, MS and Jonathan W. Haft, MD*

10:45 a.m. – 11:05 a.m.

Antibiotic Stewardship

Mary Bradbury, PharmD

11:05 a.m. – 11:25 a.m.

Open Chest: Avoiding Infections Especially in LVAD/ECMO Patients

Jonathan W. Haft, MD

11:25 a.m. – 11:45 a.m.	Sepsis in the CVT ICU in 2018 <i>Subhasis Chatterjee, MD</i>
11:45 a.m. – 12:15 p.m.	Panel Discussion
12:15 p.m. – 1:45 p.m.	WORKING LUNCH SESSION Addressing Healthcare Worker Burnout <i>Mary Zellinger, ANP</i>
1:45 p.m. – 3:15 p.m.	Session 3: Thoracic Surgery and ECMO Moderators: <i>Jonathan W. Haft, MD and Namrata Patil, MD</i>
1:45 p.m. – 2:05 p.m.	Esophageal Surgery Complications: Diagnosis and Management <i>Namrata Patil, MD</i>
2:05 p.m. – 2:25 p.m.	Management of Empyema and Pulmonary Resection Complications <i>Errol L. Bush, MD</i>
2:25 p.m. – 2:45 p.m.	ECMO Cannulation Issues and Percutaneous Mechanical Support <i>Desiree Bonadonna, CCP</i>
2:45 p.m. – 3:15 p.m.	Panel Discussion
3:15 p.m. – 3:35 p.m.	BREAK / VISIT EXHIBITS
3:35 p.m. – 5:05 p.m.	Session 4: Thoracic Surgery and Respiratory Support Moderators: <i>Rita Karianna Milewski, MD and Desiree Bonadonna, CCP</i>
3:35 p.m. – 3:55 p.m.	Multimodal Approaches to Massive PE and Life Threatening Respiratory Failure <i>Daniel T. Engelman, MD</i>
3:55 p.m. – 4:15 p.m.	Lung Transplantation Criteria and Latest Management <i>Errol L. Bush, MD</i>
4:15 p.m. – 4:35 p.m.	Update on Ventilator Management <i>Gail Bush, RRT</i>
4:35 p.m. – 5:05 p.m.	Panel Discussion
5:05 p.m. – 5:45 p.m.	Session 5: Innovative Approaches to CVT Critical Care – International Abstract-Based Scientific Session Moderators: <i>Nevin M. Katz, MD and Thomas E. MacGillivray, MD</i>
5:05 p.m. – 5:25 p.m.	Abstract 1 <i>Presenter</i>
5:25 p.m. – 5:45 p.m.	Abstract 2 <i>Presenter</i>

Day 2**Friday October 5, 2018**

7:00 a.m. – 8:00 a.m.	BREAKFAST
7:00 a.m. – 2:30 p.m.	EXHIBITS OPEN
8:00 a.m. – 9:30 a.m.	Session 6: Neurologic Issues Moderators: <i>Mary Zellinger, RN and Rakesh C. Arora, MD</i>
8:00 a.m. - 8:20 a.m.	Delirium <i>Rakesh C. Arora, MD</i>
8:20 a.m. – 8:40 a.m.	Management of the Thoracoabdominal Aortic Replacement Patient <i>Rita Karianna Milewski, MD</i>
8:40 a.m. – 9:00 a.m.	Neurologic Complications in ECMO <i>Michael S. Firstenberg, MD</i>
9:00 a.m. – 9:30 a.m.	Panel Discussion
9:30 a.m. – 9:50 a.m.	BREAK / VISIT EXHIBITS
9:50 a.m. – 10:30 a.m.	Session 7: Innovative Approaches to CVT Critical Care – International Abstract-Based Scientific Session Moderators: <i>Nevin M. Katz, MD and Thomas E. MacGillivray, MD</i>
9:50 a.m. – 10:10 a.m.	Abstract 3 <i>Presenter</i>
10:10 a.m. – 10:30 a.m.	Abstract 4 <i>Presenter</i>
10:30 a.m. – 12:00 p.m.	Session 8: End-Stage Cardiothoracic Disease Moderators: <i>Namrata Patil, MD and Michael S. Firstenberg, MD</i>
10:30 a.m. – 10:50 a.m.	The Importance of Supportive Care / Palliative Care Team Involvement <i>Nevin M. Katz, MD</i>
10:50 a.m. – 11:10 a.m.	RV Failure in Valve, CABG, and LVAD Patients <i>Subhasis Chatterjee, MD</i>
11:10 a.m. – 11:30 a.m.	When Do We Stop: Is 30 Day Survival Reasonable in the Current Era? <i>Michael S. Firstenberg, MD</i>
11:30 a.m. – 12:00 p.m.	Panel Discussion
12:00 p.m. – 1:00 p.m.	LUNCH

- 1:00 p.m. – 2:05 p.m.** **Case-Based Multidisciplinary Breakouts (30 Minutes per Room)**
Room 1: Shock Cases — Acute MI With Shock and Post-Cardiac Surgery With Shock
(Charles E. Murphy, MD)
Room 2: AFIB Case (Subhasis Chatterjee, MD)
Room 3: Difficult Airway Case (Megan P. Kostibas, MD)
Room 4: Advanced Ventilator Support Case (Gail Bush, RRT)
- 2:05 p.m. – 2:25 p.m.** **BREAK / VISIT EXHIBITS**
- 2:25 p.m. – 3:55 p.m.** **Session 9: Renal and GI Complications**
Moderators: *Joseph F. Dasta, MS and Daniel T. Engelman, MD*
- 2:25 p.m. – 2:45 p.m. Multimodal Prevention of Acute Kidney Injury
Daniel T. Engelman, MD
- 2:45 p.m. – 3:05 p.m. New Utilization for the Acute Kidney Shock Team
Charles E. Murphy, MD
- 3:05 p.m. – 3:25 p.m. Workup and Management of GI Bleeding in LVAD Patients
Rita Karianna Milewski, MD
- 3:25 p.m. – 3:55 p.m. Panel Discussion
- 4:00 p.m. – 4:45 p.m.** **Networking Event**
- 4:45 p.m. – 6:00 p.m.** **Poster Rounds**

Day 3

Saturday October 6, 2018

- 7:00 a.m. – 7:30 a.m.** **BREAKFAST**
- 7:30 a.m. – 8:35 a.m.** **Case-Based Multidisciplinary Breakouts Continued (30 Minutes per Room)**
Room 1: Shock Cases — Acute MI With Shock and Post-Cardiac Surgery With Shock
(Charles E. Murphy, MD)
Room 2: AFIB Case (Subhasis Chatterjee, MD)
Room 3: Difficult Airway Case (Megan P. Kostibas, MD)
Room 4: Advanced Ventilator Support Case (Gail Bush, RRT)
- 8:35 a.m. – 8:50 a.m.** **BREAK**
- 8:50 a.m. – 10:20 a.m.** **Session 10: Pain Management**
Moderators: *Subhasis Chatterjee, MD and Lisa Hall Zimmerman, PharmD*
- 8:50 a.m. – 9:10 a.m. PADIS Guideline by the Society of Critical Care Medicine
Joseph F. Dasta, MS

9:10 a.m. – 9:30 a.m.	Implementing the Guideline Into Clinical Practice <i>Lisa Hall Zimmerman, PharmD</i>
9:30 a.m. – 9:50 a.m.	Multimodal Analgesia <i>Mary Bradbury, PharmD</i>
9:50 a.m. – 10:20 a.m.	Panel Discussion
10:20 a.m. – 10:35 a.m.	BREAK
10:35 a.m. – 11:55 a.m.	Session 11: Anticoagulation and Coagulopathies Moderators: <i>Jerrold H. Levy, MD and Kenichi Tanaka, MD</i>
10:35 a.m. – 10:55 a.m.	Anticoagulation Strategies: ECMO/VADs Heparin versus Argatroban versus Bivalirudin <i>Jerrold H. Levy, MD</i>
10:55 a.m. – 11:15 a.m.	Coagulation Testing for Anticoagulation and Bleeding: How the Lab Can Help <i>Kenichi Tanaka, MD</i>
11:15 a.m. – 11:35 a.m.	A Patient Case: Who, What, Where, and How Panel <i>Jerrold H. Levy, MD</i>
11:35 a.m. – 11:55 a.m.	Panel Discussion
11:55 a.m. – 12:00 p.m.	Closing Comments