



**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.
7:00 a.m. – 4:30 p.m.

REGISTRATION / BREAKFAST
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.

Workup and Management of GI Bleeding in LVAD Patients
Rita Karianna Milewski, 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*

The End of Average
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. – 4:55 p.m.	The Importance of Supportive Care / Palliative Care Team Involvement <i>Nevin M. Katz, MD</i>
4:55 p.m. – 5:25 p.m.	Panel Discussion
5:25 p.m.	Adjourn

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 5: Neurologic Issues****Moderators:** *Mary Zellinger, RN and Rakesh C. Arora, MD*

8:00 a.m. - 8:20 a.m.

The Impact of Delirium in the Post-Operative CT Surgery Patient
Rakesh C. Arora, MD

8:20 a.m. – 8:40 a.m.

Management of the Thoracoabdominal Aortic Replacement Patient
Rita Karianna Milewski, MD

8:40 a.m. – 9:00 a.m.

Neurologic Complications in ECMO
Michael S. Firstenberg, MD

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 6: Innovative Approaches to CVT Critical Care – International Abstract-Based Scientific Session****Moderators:** *Nevin M. Katz, MD and Thomas E. MacGillivray, MD*

9:50 a.m. – 10:10 a.m.

Implementation of a Multidisciplinary Acute Kidney Response Team (AKRT) Triggered by Urinary Biomarkers After Cardiac Surgery
Cheryl Crisafi, MSN, RN

10:10 a.m. – 10:30 a.m.

The Use of Hydroxycobalamin for Vasoplegic Syndrome in Left Ventricular Assist Device (LVAD) Patients
Katherine Wood, MD

10:30 a.m. – 10:50 a.m.

Is Nocturnal Extubation After Cardiac Surgery Associated with Worse Outcomes?
*Murtaza Diwan, MD***10:50 a.m. – 12:00 p.m.****Session 7: End-Stage Cardiothoracic Disease****Moderators:** *Namrata Patil, MD and Michael S. Firstenberg, MD*

10:50 a.m. – 11:10 a.m.

RV Failure in Valve, CABG, and LVAD Patients
Subhasis Chatterjee, MD

11:10 a.m. – 11:30 a.m.

When Do We Stop: Is 30 Day Survival Reasonable in the Current Era?
Michael S. Firstenberg, MD

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 <i>(Charles E. Murphy, MD)</i> Room 2: AFIB Case <i>(Subhasis Chatterjee, MD)</i> Room 3: Difficult Airway Case <i>(Megan P. Kostibas, MD)</i> Room 4: Advanced Ventilator Support Case <i>(Gail Bush, RRT)</i>
2:05 p.m. – 2:25 p.m.	BREAK / VISIT EXHIBITS
2:25 p.m. – 3:55 p.m.	Session 8: Renal and GI Complications Moderators: <i>Joseph F. Dasta, MS and Daniel T. Engelman, MD</i>
2:25 p.m. – 2:45 p.m.	Multimodal Prevention of Acute Kidney Injury <i>Charles E. Murphy, MD</i>
2:45 p.m. – 3:05 p.m.	New Utilization for the Acute Kidney Shock Team <i>Daniel T. Engelman, MD</i>
3:05 p.m. – 3:25 p.m.	Critical Care of the Aortic Patient and Aortic Emergencies <i>Thomas E. MacGillivray, MD</i>
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 <i>(Charles E. Murphy, MD)</i> Room 2: AFIB Case <i>(Subhasis Chatterjee, MD)</i> Room 3: Difficult Airway Case <i>(Megan P. Kostibas, MD)</i> Room 4: Advanced Ventilator Support Case <i>(Gail Bush, RRT)</i>
8:35 a.m. – 8:50 a.m.	BREAK

8:50 a.m. – 10:20 a.m.	Session 9: Pain Management Moderators: <i>Subhasis Chatterjee, MD and Lisa Hall Zimmerman, PharmD</i>
8:50 a.m. – 9:10 a.m.	PADIS Guideline by the Society of Critical Care Medicine <i>Joseph F. Dasta, MS</i>
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 10: 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