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.  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

Agenda and speakers are subject to change.
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| 11:25 a.m. – 11:45 a.m. | Sepsis in the CVT ICU in 2018  
*Subhasis Chatterjee, MD* |
| 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  
*Mary Zellinger, ANP* |
| 1:45 p.m. – 3:15 p.m. | **Session 3: Thoracic Surgery and ECMO**  
**Moderators:** *Jonathan W. Haft, MD and Namrata Patil, MD* |
| 1:45 p.m. – 2:05 p.m. | Esophageal Surgery Complications: Diagnosis and Management  
*Namrata Patil, MD* |
| 2:05 p.m. – 2:25 p.m. | Management of Empyema and Pulmonary Resection Complications  
*Errol L. Bush, MD* |
| 2:25 p.m. – 2:45 p.m. | ECMO Cannulation Issues and Percutaneous Mechanical Support  
*Desiree Bonadonna, CCP* |
| 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:** *Rita Karianna Milewski, MD and Desiree Bonadonna, CCP* |
| 3:35 p.m. – 3:55 p.m. | Multimodal Approaches to Massive PE and Life Threatening Respiratory Failure  
*Daniel T. Engelman, MD* |
| 3:55 p.m. – 4:15 p.m. | Lung Transplantation Criteria and Latest Management  
*Errol L. Bush, MD* |
| 4:15 p.m. – 4:35 p.m. | Update on Ventilator Management  
*Gail Bush, RRT* |
| 4:35 p.m. – 4:55 p.m. | The Importance of Supportive Care / Palliative Care Team Involvement  
*Nevin M. Katz, MD* |
| 4:55 p.m. – 5:25 p.m. | Panel Discussion |
| 5:25 p.m. | Adjourn |

*Agenda and speakers are subject to change.*
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

*Agenda and speakers are subject to change.*
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 8: 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
Charles E. Murphy, MD

2:45 p.m. – 3:05 p.m.  New Utilization for the Acute Kidney Shock Team
Daniel T. Engelman, MD

3:05 p.m. – 3:25 p.m.  Critical Care of the Aortic Patient and Aortic Emergencies
Thomas E. MacGillivray, 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
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| 8:50 a.m. – 10:20 a.m. | **Session 9: 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  
*Lisa Hall Zimmerman, PharmD* |
| 9:30 a.m. – 9:50 a.m. | Multimodal Analgesia  
*Mary Bradbury, PharmD* |
| 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:** Jerrold H. Levy, MD and Kenichi Tanaka, MD |
| 10:35 a.m. – 10:55 a.m. | Anticoagulation Strategies: ECMO/VADs Heparin versus Argatroban versus Bivalirudin  
*Jerrold H. Levy, MD* |
| 10:55 a.m. – 11:15 a.m. | Coagulation Testing for Anticoagulation and Bleeding: How the Lab Can Help  
*Kenichi Tanaka, MD* |
| 11:15 a.m. – 11:35 a.m. | A Patient Case: Who, What, Where, and How Panel  
*Jerrold H. Levy, MD* |
| 11:35 a.m. – 11:55 a.m. | Panel Discussion |
| 11:55 a.m. – 12:00 p.m. | Closing Comments |

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