**AGENDA: THURSDAY DECEMBER 11**

### POSTGRADUATE PHYSICIAN AND NURSING COURSES (OPTIONAL) 1:00PM-5:30PM

#### PHYSICIAN SALON 2

**MD Postgraduate Course**

Moderators: Joshua W. Salvin, MD, MPH/David S. Cooper, MD, MPH

- **HETEROTAXY SYNDROME**
  - 1:00PM Anatomic Considerations: How Is It All Connected? - William Border, MBChB, MPH
  - 1:30PM Noncardiac Issues in Heterotaxy - Sarah Teele, MD
  - 2:00PM Surgical Considerations for Patients with Heterotaxy Syndrome - Jeffrey P. Jacobs, MD
  - 2:20PM Heterotaxy Syndrome: Long-term Outcomes - Mark Scheurer, MD
  - 2:40PM **PANEL DISCUSSION**

- **NON-CARDIAC SOURCES OF PAIN**
  - 3:30PM Impact of Prematurity - John M. Costello, MD, MPH
  - 3:50PM Nutrition/Feeding Issues - David Hehir, MD
  - 4:10PM Pain/Sedation: Assessment and Management - Blaine Easley, MD
  - 4:30PM Anticoagulation Assessment - Jonathan Byrnes, MD
  - 4:50PM Team Conflict - Nancy Ghanayem, MD

#### NURSING SALON 1

**RN Postgraduate Course**

Moderators: Louise Callow, MSN, CPNP/Dawn Tucker, CPNP

- **FUNDAMENTALS OF CICU CARE: UNVEILING THE PCICS GUIDELINES**
  - 1:00PM How Do You Know? Hemodynamic Monitoring in the CICU - Dawn Tucker, CPNP
  - 1:20PM Regular or Irregular? Arrhythmia Recognition and Management in the CICU - Brynn Dechert-Crooks, APN
  - 1:40PM Controlling Inflation: Mechanical Ventilation in the CICU - Melissa Jones, MSN, CPNP-AC
  - 2:00PM All Fluid Is Not Created Equal: Optimizing Nutrition in the CICU - Amiee Trauth, RD
  - 2:20PM How Can We Help: Impacting Neurodevelopmental Outcomes in the CICU - Lisa Kohr, RN, MSN, CPNP-AC

- 2:40PM **PANEL DISCUSSION**

- **UTILIZING THE PCICS GUIDELINES IN MANAGING THE CICU PATIENT**
  - 3:30PM Truncus Arteriosus - Cecilia Hyslop, BScN RN, M Ed, CNCCP(C)
  - 3:50PM Ebstein’s Anomaly - Dorothy M. Beke, RN, MSN, CPNP-PC/AC
  - 4:10PM Single Ventricle Palliation: Stage One Reconstruction - Louise Callow, MSN, CPNP
  - 4:30PM Atrioventricular Septal Defect - Lindsey Justice, RN, CNP-AC
  - 4:50PM Fontan Operation - Misty Ellis, MSN, PNP-BC, APRN

- 5:10PM **PANEL DISCUSSION**

### COMMENCEMENT OF THE 10TH INTERNATIONAL PCICS CONFERENCE 6:00PM-8:00PM

#### Plenary Session – CICU 2040 SALON 3

Moderators: Kevin O. Maher, MD/Anthony C. Chang, MD, MBA

- 6:00PM Introduction and “The Future Is Now” - Anthony C. Chang, MD, MBA
- 6:20PM Cardiac Nanomedicine - Kevin O. Maher, MD
- 6:40PM Big Data and Artificial Intelligence in Cardiac Intensive Care - Andrew Shin, MD
- 7:00PM Educating the Next Generation of CICU Providers - Juliette Hunt, MD
- 7:20PM CICU 2040: Personalized Therapy and Diagnostics–Sepsis as a Model - Hector Wong, MD
- 7:40PM **PANEL DISCUSSION**

#### 8:00PM *Welcome Reception* SALONS 1 & 2

* Denotes non-CME/CE events.
AGENDA: FRIDAY DECEMBER 12

Plenary – Quality, Safety and Value in the CICU

Moderators: Jeffrey P. Jacobs, MD/David S. Cooper, MD, MPH

8:00AM Assessing Outcomes and Measuring Quality for CV Surgery Patients - Jeffrey P. Jacobs, MD
8:20AM Assessing Outcomes and Quality in the CICU - Michael Gaies, MD, MPH
8:40AM Safety Culture in the CICU - Darren Klugman, MD
9:00AM Leveraging Quality and Safety to Achieve Value - TBD
9:20AM Creating High-reliability Teams in the CICU - David S. Cooper, MD, MPH
9:40AM PANEL DISCUSSION

10:00AM Anthony C. Chang Lecture
Learning and Evolving - Peter C. Laussen, MBBS
Introduction by David S. Cooper, MD, MPH

11:00AM Top Abstract Presentations
Moderators: John M. Costello, MD, MPH/ Dawn Tucker, CPNP

11:30AM - 1:00PM Lunch/PCICS Business Meeting *

CONCURRENT BREAKOUT SESSIONS 1:00PM-3:00PM

NURSING

PA/MAPCAS Dorothy M. Beke, RN, MSN, CPNP-PC/AC
1:00PM Anatomy and Physiology - Angela Blankenship, CPNP-AC/PC, RN, MS
1:20PM The Surgical Approach - Laura Presnell, RN, PNP
1:40PM Postoperative Management - Sandra Staveski, CNS, CPNP-PC/AC, RN
2:00PM The Role of Cardiac Catheterization and Advanced Imaging - Sharon L. Cheatham, ACNP
2:20PM Innovations to Change the Outcome - Gabe Eston Owens, MD, PhD
2:40PM PANEL DISCUSSION

PHYSICIAN

Heart Failure/Transplant Joseph Rossano, MD/Ravi R. Thiagarajan, MBBS, MPH
1:00PM Acute Decompensated Heart Failure: Medical Management or Device? - Timothy Hoffman, MD
1:20PM Chronic Heart Failure: Fluid Overload, Hyponatremia, and Increased Creatinine - Lynn Jefferies, MD
1:40PM Durable VADs: Management in ICU/Hospital or Home - Angela Lorts, MD
2:00PM Graft Dysfunction After Transplantation - Joseph Rossano, MD
2:20PM End-of-life Care for Patient with Heart Failure on VAD: When and How to Stop? - Roxanne Kirsch, MD
2:40PM PANEL DISCUSSION

The Kidney in Critical Cardiac Disease
Moderators: Catherine Krawczeski, MD/Stuart Goldstein, MD
1:00PM Renal Angina and Fluid Overload in Critically Ill Patients: It’s Not Just Cosmetic - Raj K. Basu, MD
1:20PM AKI After CPB: Why Do We Care, How Do We Find It, and What Are We Going to Do About It? - Catherine Krawczeski, MD
1:40PM Cardiorenal Syndromes in Heart Failure: It’s Real and Killing Our Patients - Jack F. Price, MD
2:00PM Renal Replacement Therapy in the CICU - Stuart Goldstein, MD
2:20PM Long-term Outcomes of Pediatric AKI: Silent but Deadly - David S. Cooper, MD, MPH
2:40PM PANEL DISCUSSION
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<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>3:00pm - 3:30pm</td>
<td><strong>Break</strong></td>
<td>SALON 4</td>
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<tr>
<td><strong>CONCURRENT BREAKOUT SESSIONS</strong> 3:30pm - 5:30pm</td>
<td><strong>NURSING</strong></td>
<td>SALON 1</td>
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<td>3:00pm</td>
<td><strong>But My Patient Is an Adult</strong>&lt;br&gt;<strong>Moderators:</strong> Sandra Staveski, CNS, PCNP-PC/AC, RN&lt;br&gt;<strong>Assessment of Cardiac Function: Am I That Different?</strong>&lt;br&gt;- Disty Pearson, PA-C&lt;br&gt;<strong>Biomarkers: What Do They Tell Us That We Don’t Already Know?</strong>&lt;br&gt;- Michele Domico, MD&lt;br&gt;<strong>Pharmacotherapy in the ACHD Patient: Why Are We Giving These?</strong>&lt;br&gt;- Regine Caruthers, PharmD&lt;br&gt;<strong>Approach to Arrhythmias in ACHD Patients: Calming the Quiver</strong>&lt;br&gt;- Jamie Decker, MD&lt;br&gt;<strong>Transition of Care: When, Why and How?</strong>&lt;br&gt;- TBD</td>
<td>SALON 4</td>
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<td>3:30pm - 5:30pm</td>
<td><strong>PHYSICIAN</strong>&lt;br&gt;<strong>Challenging Cases in the CICU</strong>&lt;br&gt;<strong>Moderators:</strong> Parvathi U. Iyer, MD/Neil Spenceley, MD, MBBS&lt;br&gt;<strong>The Bewitching Hours: Confessions from the Night Shift</strong>&lt;br&gt;- Mary Eisenhaur, RN, BSN, CCRN&lt;br&gt;<strong>Confessions from the 'Bridge': Did You Say 'My Patient'?</strong>&lt;br&gt;- Jeffrey P. Jacobs, MD&lt;br&gt;<strong>Confessions from the Team Leader: Organizing an Interdisciplinary Team—Herding Cats</strong>&lt;br&gt;- Liz Smith, APN&lt;br&gt;<strong>Confessions for the CICU Director: Balancing the Equations</strong>&lt;br&gt;- Janet Simsic, MD&lt;br&gt;<strong>Confessions from the Intensivist: Handoffs Are Fun, and More Than A Shift Worker</strong>&lt;br&gt;- Sarah Tabbutt, MD, PhD</td>
<td>SALON 2</td>
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<td>3:30pm - 5:30pm</td>
<td><strong>SPECIALTY</strong>&lt;br&gt;<strong>Confessions of a CICU Director</strong>&lt;br&gt;<strong>Moderators:</strong> Eduardo M. da Cruz, MD/Peter C. Laussen, MBBS&lt;br&gt;<strong>The Bewitching Hours: Confessions from the Night Shift</strong>&lt;br&gt;- Mary Eisenhaur, RN, BSN, CCRN&lt;br&gt;<strong>Confessions from the 'Bridge': Did You Say 'My Patient'?</strong>&lt;br&gt;- Jeffrey P. Jacobs, MD&lt;br&gt;<strong>Confessions of a CICU Director: Making Sense in the Dark…</strong>&lt;br&gt;- Eric Graham, MD&lt;br&gt;<strong>Confessions from the Team Leader: Organizing an Interdisciplinary Team—Herding Cats</strong>&lt;br&gt;- Liz Smith, APN&lt;br&gt;<strong>Confessions for the CICU Director: Balancing the Equations</strong>&lt;br&gt;- Janet Simsic, MD&lt;br&gt;<strong>Confessions from the Intensivist: Handoffs Are Fun, and More Than A Shift Worker</strong>&lt;br&gt;- Sarah Tabbutt, MD, PhD</td>
<td>SALON 3</td>
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<td>5:30pm</td>
<td><strong>Poster Grand Rounds</strong></td>
<td>SALON 4</td>
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<td>6:30pm</td>
<td><strong>Nursing Reception</strong></td>
<td>AMERICANA FOYER</td>
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<td>6:30pm</td>
<td><strong>Faculty Reception</strong></td>
<td>CONFERENCE TERRACE</td>
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* Denotes non-CME/CE events.
AGENDA: SATURDAY DECEMBER 13

8:00AM Electrophysiology: Hands-on Morning Session *
Moderators: Timothy K. Knilans, MD/Jamie Decker, MD

Plenary – Clinical Trials: What’s New? Do We Change Our Practice? Do We Care?
Moderators: David Wessel, MD/John Costello, MD, MPH
9:00AM Cooling After Cardiac Arrest: Should We? - Jamie Hutchison, MD
9:20AM SVR Trial: Lessons for the CICU - Andy M. Atz, MD
9:40AM Beyond the Berlin Heart Trial: Inferences for Pediatric VAD Use and Selection - David Morales, MD
10:00AM TRIPICU Trial: Implications for Cardiac Patients - Jacques Lacroix, MD
10:20AM Tight Glycemic Control Trials: Inferences for Contemporary Practice in the CICU - Duncan Macrae, MBChB

11:00AM Break
11:15AM * President/PCICS Awards
11:30AM * Lunch

CONCURRENT BREAKOUT SESSIONS 1:00PM-3:00PM

NURSING SALON 1
Pro/Con Debate
Moderator: Dawn Tucker, CPNP/Louise Callow, MSN, CPNP
1:00PM Pro/Con: The Hunger Games: CICU Staffing - Patricia Hickey, PhD, RN, MBA vs John Charpie, MD, PhD
1:25PM Pro/Con: Teaching in the CICU: Bullying or Feedback? - Peter C. Laussen, MBBS vs Paul A. Checchia, MD
1:50PM Pro/Con: Neurodevelopmental Outcomes: Whose Decision Is It Anyway? - Gil Wernovsky, MD vs Erica Molitor-Kirsch, MD
2:40PM PANEL DISCUSSION

PHYSICIAN SALON 3
Immunologic and Infectious Diseases in the CICU
Moderators: David M. Axelrod, MD/Ronald A. Bronicki, MD
1:00PM Nosocomial Infections in the CICU - Jeffrey Alten, MD
1:20PM CPB-induced SIRS - Ronald A. Bronicki, MD
1:40PM Immune Paralysis & the Compensatory Anti-inflammatory Response Syndrome: Pathophysiology and the Impact on Outcomes - Mark Hall, MD
2:00PM Infectious Complications of Mechanical Circulatory Support Devices - Ravi R. Thiagarajan, MBBS, MPH
2:20PM The Detection and Management of Fever and Infection in the CICU - John Berger, MD
2:40PM PANEL DISCUSSION

PHYSICIAN SALON 2
The Value I See In…
Moderators: Ben Sivarajan, MD, MS/James DiNardo, MD
1:00PM Early Extubation After Pediatric Cardiac Surgery - Patricia Bastero-Menon, MD
1:20PM The Value I See in: Regional Anesthesia in CHD Surgery - Jamie Schwartz, MD
1:40PM The CICU Environment for Procedural Sedation - Ben Sivarajan, MD
2:00PM Systematic Postoperative Pain Management - Jayant (Nick) Pratap, MB BCHir, MRCPCH
2:20PM The Optimal Handover Process from the OR - James DiNardo, MD
2:40PM PANEL DISCUSSION
### Plenary – Neurodevelopmental/Quality of Life Outcomes
**Moderators:** Bradley S. Marino, MD, MPP, MSCE/Kathy Mussatto, PhD, RN

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<tr>
<td>3:00pm</td>
<td><strong>Break</strong></td>
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<td>3:30pm</td>
<td><strong>SALON 4</strong> Plenary – Neurodevelopmental/Quality of Life Outcomes</td>
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<tr>
<td>3:30pm</td>
<td>Neurodevelopmental Outcomes: Evaluation, Management, Risk, and Prevalence of Delays in Early Childhood - Kathy Mussatto, PhD, RN</td>
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<td>3:50pm</td>
<td>ICU and Surgical Predictors of Quality of Life: What Really Matters - Bradley S. Marino, MD</td>
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<td>4:10pm</td>
<td>Neuroprotection and Developmentally Supportive Care in the CICU - Barbara Medoff-Cooper, PhD, RN</td>
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### Plenary – Rapid Fire: Tell Me Why?
**Moderators:** Paul A. Checchia, MD / Darren Klugman, MD

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<tr>
<td>4:30pm</td>
<td>Why Do I Need Additional Training? - Mary E. McBride, MD</td>
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<td>4:40pm</td>
<td>Why Do I Need a Neonatologist/NICU? - Pam Griffiths, MD</td>
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<td>4:50pm</td>
<td>Why Do I Need Monitoring? - Neil Spenceley, MB, MBChB</td>
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<td>5:00pm</td>
<td>Why Don’t All Patients Get Extubated Early? - Ricardo A. Muñoz, MD</td>
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<td>5:10pm</td>
<td>Why Do We Need Family-centered Care? - Alex Floh, MD</td>
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<td>5:20pm</td>
<td>Why Do You Need Time to Prepare a Talk? - Timothy F. Feltes, MD</td>
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### Poster Grand Rounds
**SALON 4**

### Fellow Session – Training in the CICU
**SALON 2**

Moderators: Vijay Anand, MD/David Kwiatkowski, MD/David M. Axelrod, MD/Darren Klugman, MD

*Denotes non-CME/CE events.*
## VAD-a-palooza

**Moderators:** Angela Lorts, MD/Aimee Gardner, CCP/Steve Kindel, MD/David Morales, MD

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<td>8:00</td>
<td>Introduction</td>
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<td>8:10</td>
<td>Adult Devices in a Pediatric World</td>
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<td>8:30</td>
<td>Postoperative MCS Care in the CICU</td>
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<td>9:00</td>
<td>MCS Education in the Pediatric Setting</td>
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### Break

9:30AM - 9:45AM

### Simulation

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<tr>
<td>9:45</td>
<td>Simulation I w/Discussion: Berlin Heart</td>
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<td>10:10</td>
<td>Simulation II w/Discussion: HeartWare</td>
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<td>10:35</td>
<td>Simulation III w/Discussion: SynCardia</td>
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<td>10:50</td>
<td>Discussion</td>
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## Consensus Statement – Pharmacotherapy in the CICU

**Moderators:** Joshua W. Salvin, MD, MPH/Ronald A. Bronicki, MD

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<tr>
<td>11:00</td>
<td>Sedation and Analgesia: Leveraging Pharmacologic Diversity - DiNardo, MD</td>
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<td>11:20</td>
<td>Pharmacologic Management of LCOS - Schwartz, MD</td>
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<td>11:40</td>
<td>Anticoagulation Therapy in the CICU - Giglia, MD</td>
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<td>12:00</td>
<td>Pulmonary Hypertension: Intravenous, Subcutaneous, Inhaled or Oral—What to Choose and Why? - Dunbar Ivy, MD</td>
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<td>12:20</td>
<td>“Mythbusters” - Sawyer, PharmD and Cooper, MD, MPH</td>
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### Panel Discussion

12:40PM

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