



## 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
- 5:10PM **PANEL DISCUSSION**

#### 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 10<sup>TH</sup> 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



## AGENDA: FRIDAY DECEMBER 12

### Plenary – Quality, Safety and Value in the CICU

SALON 3

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

SALON 3

Learning and Evolving - Peter C. Laussen, MBBS

Introduction by David S. Cooper, MD, MPH

### 11:00AM Top Abstract Presentations

SALON 3

Moderators: John M. Costello, MD, MPH/ Dawn Tucker, CPNP

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

SALON 3

## CONCURRENT BREAKOUT SESSIONS

1:00PM-3:00PM

### NURSING

SALON 1

#### 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, PCNP-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

SALON 2

#### 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**

### PHYSICIAN

SALON 3

#### 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**



3:00PM - 3:30PM **Break**

**SALON 4**

**CONCURRENT BREAKOUT SESSIONS**

**3:30PM-5:30PM**

**NURSING**

**SALON 1**

**But My Patient Is an Adult**

Moderators: Sandra Staveski, CNS, PCNP-PC/AC, RN

3:30PM Assessment of Cardiac Function: Am I That Different? - Disty Pearson, PA-C

3:50PM Biomarkers: What Do They Tell Us That We Don't Already Know? - Michele Domico, MD

4:10PM Pharmacotherapy in the ACHD Patient: Why Are We Giving These? - Regine Caruthers, PharmD

4:30PM Approach to Arrhythmias in ACHD Patients: Calming the Quiver - Jamie Decker, MD

4:50PM Transition of Care: When, Why and How? - TBD

5:10PM **PANEL DISCUSSION**

**PHYSICIAN**

**SALON 2**

**Challenging Cases in the CICU**

Moderators: Parvathi U. Iyer, MD/Neil Spenceley, MD, MBBS

3:30PM - 5:30PM

**SPECIALTY**

**SALON 3**

**Confessions of a CICU Director**

Moderators: Eduardo M. da Cruz, MD/Peter C. Laussen, MBBS

3:30PM The Bewitching Hours: Confessions from the Night Shift - Mary Eisenhour, RN, BSN, CCRN

3:45PM Confessions from the 'Bridge': Did You Say 'My Patient'?! - Jeffrey P. Jacobs, MD

4:00PM Confessions of a CICU Director: Making Sense in the Dark... - Eric Graham, MD

4:15PM Confessions from the Team Leader: Organizing an Interdisciplinary Team—Herding Cats - Liz Smith, APN

4:30PM Confessions for the CICU Director: Balancing the Equations - Janet Simsic, MD

4:45PM Confessions from the Intensivist: Handoffs Are Fun, and More Than A Shift Worker - Sarah Tabbutt, MD, PhD

5:00PM **PANEL DISCUSSION**

5:30PM \* **Poster Grand Rounds**

**SALON 4**

6:30PM \* **Nursing Reception**

**AMERICANA FOYER**

6:30PM \* **Faculty Reception**

**CONFERENCE TERRACE**

\* Denotes non-CME/CE events.





## AGENDA: SATURDAY DECEMBER 13

8:00AM **Electrophysiology: Hands-on Morning Session \*** SALON 2

Moderators: Timothy K. Knilans, MD/Jamie Decker, MD

**Plenary – Clinical Trials: What’s New? Do We Change Our Practice? Do We Care?** SALON 3

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

10:40AM **PANEL DISCUSSION**

11:00AM **Break** SALON 4

11:15AM \* **President/PCICS Awards** SALON 3

11:30AM \* **Lunch** SALON 4

### 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

2:15PM Pro/Con: The Waiting Game: Does Size Matter at the Time of Surgery? - Mohan Reddy, MD vs James E. O’Brien, Jr, 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, MRCPC

2:20PM The Optimal Handover Process from the OR - James DiNardo, MD

2:40PM **PANEL DISCUSSION**



3:00PM - 3:30PM **Break**

**SALON 4**

## **Plenary – Neurodevelopmental/Quality of Life Outcomes**

**SALON 3**

Moderators: Bradley S. Marino, MD, MPP, MSCE/Kathy Mussatto, PhD, RN

3:30PM Neurodevelopmental Outcomes: Evaluation, Management, Risk, and Prevalence of Delays in Early Childhood - Kathy Mussatto, PhD, RN

3:50PM ICU and Surgical Predictors of Quality of Life: What Really Matters - Bradley S. Marino, MD

4:10PM Neuroprotection and Developmentally Supportive Care in the CICU - Barbara Medoff-Cooper, PhD, RN

## **Plenary – Rapid Fire: Tell Me Why?**

**SALON 3**

Moderators: Paul A. Checchia, MD / Darren Klugman, MD

4:30PM Why Do I Need Additional Training? - Mary E. McBride, MD

4:40PM Why Do I Need a Neonatologist/NICU? - Pam Griffiths, MD

4:50PM Why Do I Need Monitoring? - Neil Spenceley, MB, MBChB

5:00PM Why Don't All Patients Get Extubated Early? - Ricardo A. Muñoz, MD

5:10PM Why Do We Need Family-centered Care? - Alex Floh, MD

5:20PM Why Do You Need Time to Prepare a Talk? - Timothy F. Feltes, MD

5:30PM \* **Poster Grand Rounds**

**SALON 4**

6:30PM \* **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.





## AGENDA: SUNDAY DECEMBER 14

### VAD-a-palooza

SALON 3

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

#### DIDACTIC

- 8:00AM Introduction
- 8:10AM Adult Devices in a Pediatric World
- 8:30AM Postoperative MCS Care in the CICU
- 9:00AM MCS Education in the Pediatric Setting

9:30AM - 9:45AM **Break**

#### SIMULATION

SALON 2

- 9:45AM Simulation I w/Discussion: Berlin Heart
- 10:10AM Simulation II w/Discussion: HeartWare
- 10:35AM Simulation III w/Discussion: SynCardia
- 10:50AM Discussion

### Consensus Statement – Pharmacotherapy in the CICU

SALON 3

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

- 11:00AM Sedation and Analgesia: Leveraging Pharmacologic Diversity - James DiNardo, MD
- 11:20AM Pharmacologic Management of LCOS - Steven Schwartz, MD
- 11:40AM Anticoagulation Therapy in the CICU - What, When and Why? - Therese M. Giglia, MD
- 12:00AM Pulmonary Hypertension: Intravenous, Subcutaneous, Inhaled or Oral—What to Choose and Why? - Dunbar Ivy, MD
- 12:20PM "Mythbusters" - Jaclyn Sawyer, PharmD and David S. Cooper, MD, MPH
- 12:40PM **PANEL DISCUSSION**

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