PCICS 14th Annual International Meeting  
December 13 - 16, 2018 - Miami, Florida  
Program (subject to change)

THURSDAY, DECEMBER 13, 2018

10:00 AM – 8:00 PM  Registration

Preconference #1: Simulation and Cardiopulmonary Interactions: A Multi-professional Experience for Junior Providers  
*Moderators: Catherine Allan, MD; Mary McBride, MD, MEd; Lillian Su, MD*

1:00 – 1:15 PM  Introduction
1:15 – 1:45 PM  Basic Cardiopulmonary Interactions  
Melvin C. Almodovar, MD

1:45 – 2:15 PM  Simulation #1
2:15 – 2:30 PM  Debriefing #1
2:30 – 2:40 PM  Break
2:40 – 3:15 PM  Simulation #2
3:15 – 3:25 PM  Debriefing #2
3:25 – 4:00 PM  Simulation #3
4:00 – 4:10 PM  Debriefing #3
4:10 – 4:45 PM  Advanced Cardiopulmonary Interactions  
Melvin C. Almodovar, MD

Preconference #2 - Quality Improvement Crash Course  
*Moderators: Katherine Bates, MD, MS; Jean Connor, PhD; Michael-Alice Moga, MD, MS*

1:00 – 1:10 PM  Welcome
1:10 – 1:25 PM  What You Should Know About Healthcare Quality in 15 Minutes  
Andrea McCormick, RN

1:25 – 1:40 PM  How Do You Measure Quality-Metrics We Use (Group Discussion)
1:40 – 1:55 PM  What You Should Know About Improvement in 15 Minutes (Or Less)  
Nikhil Chanani, MD

1:55 – 2:10 PM  Trading War Stories
2:10 – 2:35 PM  Break
2:35 – 3:00 PM  How Do I Do This? Basics QI "Tools for the Trade"  
Mary McLellan, MPH, BSN

3:00 – 4:00 PM  Your Turn-Make It Happen! (Moderators and Speakers)
4:00 – 4:10 PM  Break
4:10 – 4:30 PM  Make It Work: Creating a Culture of Improvement
                Eric A. Williams, MD
4:30 – 4:45 PM  Closing Summary, Questions and Commitment to Change Exercise

Plenary Session - The Future of Clinical Decision Making
Moderators: Nikhil Chanani, MD; Lindsey B. Justice, DNP, CPNP-AC

5:00 – 5:15 PM  The Failure of Clinical Judgement
                Lillian Su, MD
5:15 – 5:30 PM  Computer Modeling and Novel Solutions to Congenital Heart Disease
                Alison Marsden, PhD
5:30 – 5:45 PM  Eliminating Variability by Effective Protocol Use
                Ashley Moellinger, NP
5:45 – 6:00 PM  The Role of Computers in Finding the Needle in the Haystack
                Sebastian Acosta, PhD
6:00 – 6:15 PM  The Triumph of Clinical Integration
                Peter C. Laussen, MBBS AB, FCICM, FANZC
6:15 – 6:30 PM  Time to Scale Beyond the Walls
                Jeffrey Burns, MD, MPH
6:30 – 7:00 PM  Panel Discussion

FRIDAY, DECEMBER 14, 2018

6:30 AM – 5:00 PM  Registration
7:00 AM – 8:00 AM  Breakfast with Exhibitors

Plenary Session - Cardiac Arrest in Pediatric Cardiac Patients
Moderators: Michael Gaies, MD, MPH; Darren Klugman, MD, MS

8:00 – 8:15 AM  Current Epidemiology and Outcomes of Cardiac Arrest in the CICU
                Michael Gaies, MD, MPH
8:15 – 8:30 AM  PALS Guidelines in CICU Patients - When to Follow and When to Ignore?
                Tia Raymond, MD
8:30 – 8:45 AM  ECPR in 2018 - What Do We Know and What Do We Need to Know?
                Javier Lasa, MD
8:45 – 9:00 AM  Left of the Boom: Bedside RN Role in Preventing Cardiac Arrest
                Christine Riley, CNP
9:00 – 9:30 AM  Panel Discussion
9:30 – 10:00 AM Break with Exhibits

Anthony Chang Lecture
Moderator: David Wessel, MD

10:00 – 10:45 AM SPEAKER TBD

Top Abstract Presentations
Moderators: Peta-Maree A. Alexander, MBBS; Nancy A. Pike, PhD, NP

10:45 – 11:00 AM Top Physician
11:00 – 11:15 AM Top Trainee
11:15 – 11:30 AM Top Bedside Nurse
11:30 – 11:45 AM Top APN/Nurse Scientist
11:45 AM – 1:00 PM Lunch with Exhibits

Breakout #1 - ECMO: Challenges and Opportunities
Moderators: Dorothy M. Beke, RN, MS, CPNP-PC/AC; Shriprasad Deshpande, MBBS, MS

1:00 – 1:20 PM Challenging Cannulations, Challenging Patients
    Mike McMullan, MD
1:20 – 1:40 PM ECPR for Cavopulmonary Shunted Patients: Useful of Futile?
    Sarah Teele, MD
1:40 – 2:00 PM ECMO Anticoagulation: What Do We Know?
    Shriprasad Deshpande, MBBS, MS
2:00 – 2:20 PM Risk Stratification and Outcomes in ECMO: Can We Identify High Risk Cardiac Patients?
    Ryan Barbaro, MD
2:20 – 2:40 PM The Future of ECMO: Is It Here to Stay?
    Ravi Thiagarajan, MD, MPH
2:40 – 3:00 PM Panel Discussion

Breakout #2 - Bedside Rounds: Is the Evolution Ready for a Revolution?
Moderators: David Bailly, DO; Lindsey B. Justice, DNP, CPNP-AC

1:00 – 1:20 PM History of Rounds: What’s the Point?
    Charlie Briar, BA, BM, BCh
1:20 – 1:40 PM Round: Where Data Lives and Dies
    David Cooper, MD, MPH
1:40 – 2:00 PM Nurses Reading on Rounds vs. Leading Rounds
    Candice L. Meyer, RN
2:00 – 2:20 PM Educating During Rounds
    Joshua Koch, MD
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<th>Time</th>
<th>Session</th>
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<tr>
<td>2:20 – 2:30 PM</td>
<td><strong>PRO</strong>: Family Centered Rounds vs. Rounds with Families Present</td>
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<td>Geoffrey Bird, MD, MSIS</td>
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<td>2:30 – 2:40 PM</td>
<td><strong>CON</strong>: Family Centered Rounds vs. Rounds with Families Present</td>
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<td>Darren Klugman, MD, MS</td>
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<td>2:40 – 3:00 PM</td>
<td><strong>Panel Discussion</strong></td>
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<td>Breakout #3 - Basic Science, Clinical Science and Education Research Abstract Presentations (1:00 - 3:00 PM)</td>
<td>Moderators: Catherine Krawczeski, MD; Sandra Staveski, PhD, RN, CPNP-AC</td>
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<td>3:00 PM – 3:30 PM</td>
<td><strong>Break with Exhibits</strong></td>
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<td>Breakout #4 - Ethics and Social Media - Benefits and Pitfalls</td>
<td>Moderators: Roxanne Kirsch, MD, MBE; Monica Mafla, NP, MS</td>
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<td>3:30 – 3:40 PM</td>
<td><strong>Ethical Issues Related to the Use of Social Media</strong></td>
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<td>Roxanne Kirsch, MD, MBE</td>
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<td>3:40 – 3:55 PM</td>
<td><strong>Positive Impacts: Parental Community</strong></td>
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<td>Erica Dudenhoeffer</td>
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<td>3:55 – 4:10 PM</td>
<td><strong>Positive Impacts: Building a Platform for Research</strong></td>
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<td>Kurt Schumacher, MD</td>
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<td>4:10 – 4:25 PM</td>
<td><strong>Negative Impacts and Ethical Concerns: The Social Media Crisis, Global Campaigns</strong></td>
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<td>Joseph Brierly, MD</td>
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<td>4:25 – 4:40 PM</td>
<td><strong>Negative Impacts and Ethical Concerns: Queue Jumping Using Social Media</strong></td>
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<td>Chris Feudtner, MD</td>
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<td>4:40 – 4:55 PM</td>
<td><strong>Negative Impacts: The Administrator's Perspective</strong></td>
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<td>Lennox Huang, MD</td>
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<td>4:55 – 5:30 PM</td>
<td><strong>Facilitated Discussion with the Speakers and Questions and Answers</strong></td>
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<td>Breakout #5 - Contemporary Approaches to the Single Ventricle Neonate</td>
<td>Moderators: Joseph Forbess, MD; Can Yerebaken, MD</td>
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<td>3:30 – 3:45 PM</td>
<td><strong>Fetal Evaluation and Intervention: What Babies Get Into Trouble, What Interventions Are Possible, and How Effective Are They?</strong></td>
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<td>Wayne Tworetsky, MD</td>
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<td>3:45 – 4:00 PM</td>
<td><strong>Postnatal Intervention for Intact or Restrictive Atrial Septum: Lessons Learned and Current Results</strong></td>
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<td>Alan Nugent, MD</td>
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<td>4:00 – 4:15 PM</td>
<td><strong>The Use of Bilateral Pulmonary Artery Bands to Mitigate Risk Factors Prior to Conventional Norwood</strong></td>
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<td>Kristine Guleserian, MD</td>
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<td>4:15 – 4:30 PM</td>
<td><strong>Current Indications for the Hybrid Approach - Only for High-risk Babies?</strong></td>
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<td>Mark Galantowicz, MD</td>
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4:30 – 4:45 PM  The Comprehensive Stage II - Still a Viable Option?  
Chris Caldarone, MD

4:45 – 5:00 PM  PRO: Ductal Stenting Should Be First Line Therapy for the Neonate in Need of Pulmonary Blood Flow  
Thomas K. Jones, MD

5:00 – 5:15 PM  CON: Ductal Stenting Should Be First Line Therapy for the Neonate in Need of Pulmonary Blood Flow  
Dean McKenzie, MD

5:15 – 5:30 PM  Panel Discussion

Breakout #6 - Quality Improvement Shark Tank (3:30 - 5:30 PM)  
Moderators: David Bailly, DO; Jean Connor, PhD

Poster Abstracts Session # 1 with Exhibits (5:30 - 7:00 PM)

7:00 PM – 8:30 PM  Faculty Reception

SATURDAY, DECEMBER 1, 2018

6:30 AM – 5:00 PM  Registration

7:00 AM – 8:00 AM  Breakfast with Exhibits

8:00 AM – 9:00 AM  RN / APRN Breakfast

Morning Skills Lab Session: Effective Communication and Counseling  
Moderators: Troy E. Dominguez, MD; Roxanne Kirsch, MD, MBE; Christine Rachwal, RN, MSN, CCRN

8:00 – 8:10 AM  Opening Introduction  
Roxanne Kirsch, MD, MBE

8:10 – 8:35 AM  Small Group Skills Discussion Session

8:35 – 8:50 AM  Large Group Debrief  
Troy E. Dominguez, MD; Roxanne Kirsch, MD, MBE; Christine Rachwal, RN, MSN, CCRN

Morning Skill Session: Rapid Fire: CICU Monitoring  
Moderators: Melvin C. Almodovar, MD; Katherine L. Brown, MD, MPH; Justine Fortkiewicz, RN

8:00 – 8:10 AM  Contemporary Concepts and Strategies in the Monitoring of the Cardiac Intensive Care Patient  
Melvin C. Almodovar, MD

8:10 – 8:20 AM  Using Oxygen Saturations (Peripheral / Near Infrared) to Detect Danger at the Bedside in CICU  
Lindsay Boucher

8:20 – 8:30 AM  Risk Benefit Assessment of Intracardiac Lines in the Current Era  
Speaker TBA
8:30 – 8:40 AM  Integration of Real-time, High Frequency Physiologic Data to Support Optimal Patient Assessment and Decision-making
Avihu Gazit, MD

8:40 – 8:50 AM  Panel Discussion

President’s Address And PCICS Service Award (9:00 - 9:30 AM)
Moderator: Sandra Staveski, PhD, RN, CPNP-AC

9:30 AM – 10:00 AM  Coffee Break with Exhibits

Plenary Session - Long Length of Stay in the CICU: Impact on Neurodevelopment
Moderators: Melissa B. Jones, MSN, CPNP-AC; Lisa Kohr, RN, APN, MPH; Kathleen Ryan, MD

10:00 – 10:20 AM  Neurodevelopment in CHD: Scope of the Problem
Bradley Marino, MD

10:20 – 10:40 AM  Why Choose LOS as an Outcome Variable We Can Impact?
Gil Wernovsky, MD

10:40 – 11:00 AM  Keeping Babies Comfortable and Preserving Neurons
Gonzalo Garcia Guerra, MD, MSc

11:00 – 11:20 AM  Environmental Exposures in the Cardiac ICU: Practice Changes to Improve Outcomes
Amy Jo Lisanti, PhD, RN

11:20 – 11:40 AM  Infant CNS Outcomes: Impact of Parental Stress and Potential Solutions
Frank Casey, MD

11:40 – 12:00 PM  Panel Discussion

PCICS Business Lunch (12:00 - 1:00 PM)

Breakout #1 - Cliff Notes on Pediatric VAD Management
Moderators: Jenna Murray, RN; Sebastian Tume, MD

1:00 – 1:20 PM  Supporting The Smallest: VAD Support for Infants Less Than 5kg
Joseph Philip, MD

1:20 – 1:40 PM  VAD Support for the Infant or Child with Cavopulmonary Connections
Katsuhide Maeda

1:40 – 2:00 PM  New Kid on the Shock Block: Temporary VAD Support
Sebastian Tume, MD

2:00 – 2:20 PM  Bloody Mess: Anticoagulation Strategies
Jennifer Conway, MD

2:20 – 2:40 PM  Oh No! Intracranial Events on VAD Support
Kathleen Ryan, MD

2:40 – 3:00 PM  Panel Discussion

Breakout #2 - Living (and Dying) in the CICU: Challenges of Chronic Critical Illness
Moderators: Aaron DeWitt, MD; Melissa M. Winder, NP
1:00 – 1:20 PM  Defining the Problem: Epidemiology of Prolonged Critical Illness  
David Hehir, MD, MS

1:20 – 1:40 PM  Prolonged Chylous Effusions: Potential Solutions  
Aaron DeWitt, MD

1:40 – 2:00 PM  We're Driving Our Patients Mad- Can We Do Better?  
Sandra Staveski, PhD, RN, CPNP-AC

2:00 – 2:20 PM  The Role of Pediatric Palliative Care  
Gina Santucci, RN

2:20 – 2:40 PM  Early Rehabilitation in CICU  
Ricardo A. Munoz, MD

2:40 – 3:00 PM  Panel Discussion

Breakout #3 - Invited Quality and Research Collaboratives (1:00 - 3:00 PM)  
Moderators: Brian Benneyworth, MD, MS; Jennie Peterson

3:00 PM – 3:30 PM  Coffee Break

Special Session: Clinician Heal Thyself! - Strategies Toward Resilience and a More Healthy Work Environment  
Moderators: Geoffrey Bird, MD, MSIS; Patricia Hickey, PhD, MBA, RN, NEA-BC

3:30 – 3:45 PM  Stop Blaming the Victim: What Your Program's Leadership and Enterprise Need to do to Maximize Wellness  
Lucky Jain, MD

3:45 – 4:00 PM  The N.E.S.T. Program: A Unit-Based Approach for Building Moral Resilience  
Patricia Hickey, PhD, MBA, RN, NEA-BC

4:00 – 4:15 PM  Dealing Effectively with Authority Gradients, and "Special Colleagues:"
Nursing Perspective and Lessons Learned  
Dorrie Fontaine, PhD, RN,

4:15 – 4:30 PM  Dealing Effectively with Authority Gradients and "Special Colleagues:"
Physician Perspective and Lessons Learned  
Steven M. Schwartz, MD, MS

4:30 – 4:45 PM  Over? Did You Say OVER? NOTHING is Over Until we Decide it is! Lessons Learned from Busyness, Burnout, and Bounce-Back  
Gil Wernovsky, MD

Patricia Hickey Lecture

4:45 – 4:50 PM  Introduction  
Patricia Hickey, PhD, MBA, RN, NEA-BC

4:50 – 5:30 PM  SPEAKER TBD

Poster Abstracts Session #2 (5:30 - 7:00 PM)

7:00 PM – 8:30 PM  Junior Faculty and Fellows Reception
SUNDAY, DECEMBER 16, 2018

Plenary Session - Pro-Con Debates (with Audience Response)
*Moderators: Paul Checchia, MD, FCCM, FACC; Dawn A. Tucker, DNP, RN, CPNP-AC*

8:00 – 8:10 AM  **PRO: Dopamine is Evil and Should be Banned on the Face of the Earth**
Martina Steurer

8:10 – 8:20 AM  **CON: Dopamine is Evil and Should be Banned on the Face of the Earth**
Amir Ashfari

8:20 – 8:30 AM  **PRO: Tracheostomies are Your Friend, Use Them More Often**
John Berger III, MD

8:30 – 8:40 AM  **CON: Tracheostomies are Your Friend, Use Them More Often**
Christopher Mastropietro, MD

8:40 – 8:50 AM  **PRO: Every Norwood Should Stay in the Hospital Until College**
Carl Backer, MD

8:50 – 9:00 AM  **CON: Every Norwood Should Stay in the Hospital Until College**
Nancy S. Ghanayem, MD

9:00 – 9:10 AM  **PRO: Early Peritoneal Dialysis Improves Outcomes**
Jason Buckley, MD

9:10 – 9:20 AM  **CON: Early Peritoneal Dialysis Improves Outcomes**
Ayse Arikan

9:20 – 9:30 AM  **PRO: VAD Should be Used as Destination Therapy in Children**
David Morales, MD

9:30 – 9:40 AM  **CON: VAD Should be Used as Destination Therapy in Children**
Peter D. Wearden, MD, PhD

9:40 – 9:50 AM  Panel Discussion

9:50 – 10:00 AM  Break

Consensus Statement - Education and Training for Nurses and Physicians in Pediatric Cardiac Critical Care: Global Perspectives
*Moderators: Ronald Bronicki, MD; Louise Callow, RN, CNP, MSN*

10:00 – 10:15 AM  **Utilizing the APP Curriculum for Standardizing Education and Evaluating Practice Knowledge and Skill in Pediatric Cardiac Critical Care**
Louise Callow, RN, CNP, MSN; Parag N. Jain, MD

10:15 – 10:30 AM  **Optimizing Education, Practice, and Competency at the Bedside: Nursing Curriculum for the CVICU Nursing Staff**
Dorothy M. Beke, RN, MS, CPNP-PC/AC
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<th>Time</th>
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<tr>
<td>10:30 – 10:45 AM</td>
<td>International Aspects of Nursing Education, Practice, and Competency in Pediatric Cardiac Critical Care</td>
<td>Saibala Madathis, RN</td>
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<td>10:45 – 11:00 AM</td>
<td>International Aspects of Physician Education, Practice, and Competency in Pediatric Cardiac Critical Care</td>
<td>Eduardo M. da Cruz, MD</td>
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<td>11:00 – 11:15 AM</td>
<td>Novel Approaches to Educating the Next Generation of CICU Clinicians</td>
<td>Sinai Zyblewski, MD</td>
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<td>11:15 – 11:30 AM</td>
<td>Update on the Physician Sub Board Initiative for Pediatric Cardiac Critical Care</td>
<td>Sarah Tabbutt, MD, PhD</td>
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<td>11:30 – 12:00 PM</td>
<td>Panel Discussion</td>
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<td>12:00 PM</td>
<td>Closing Remarks</td>
<td>John Costello, MD, MPH</td>
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