**Annual PC4/PAC3 Fall Conference Agenda**

Conference Educational Objectives:

By the end of this conference, participants will be able to:

1. Apply new techniques to optimize data collection and internal auditing processes.
2. Present institutional registry data to stakeholders at your hospital.
3. Discuss ongoing collaborative scientific and quality initiatives.

*Sessions marked with \* will not be offering CME/CNE/MOC credit*

**Monday, November 4**

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| **Time** | **Joint Session Title** | |
| **PC4 Session** | **PAC3 Session** |
| 8:00 – 10:00am | **Registration & Breakfast**\*  *Room: Ballroom*  **Customer service office hours**:\*  *ArborMetrix: Concourse*  *CardioAccess: Vandenberg*  *LUMEDX Room:* Hussey | |
| **PC4 Executive Committee**\* (members only)  *Room: Michigan*  Led by Michael Gaies | **PAC3 Executive Committee**\* (members only)  *Room: Koessler*  Led by Nicolas Madsen & Alaina Kipps |
| 10:00 – 10:10am | **Welcome\***  *Room: Ballroom*  Speaker:David Werho | |
| 10:10 – 10:45am | **Year in Review**  *Room: Ballroom*  **Cardiac Networks United Year in Review** – Michael Gaies  **PC4 Year in Review** – Michael Gaies  **PAC3 Year in Review** – Alaina Kipps | |

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| 10:45 – 11:45am | **Recent Science**  *Room: Ballroom*  Moderators: Ronn Tanel, Tia Raymond  **CICU organizational factors associated with CA incidence**  Javier Lasa  **Variation in adjusted duration of postoperative mechanical ventilation**  David Werho  **Fluid balance and outcomes after neonatal cardiac surgery**  David Bailly  **CICU outcomes improve after implementation of data aggregation software**  Michael Gaies  **Successful reduction of postoperative chest tube duration and length of stay after congenital heart surgery**  Katherine Bates  **The Role of the Advanced Practice Provider in acute care pediatric cardiology**  Amanda Hoerst and Amanda Jones | |
| 11:45am | **PC4 Committee Updates\***  *Room: Ballroom*  **Scientific Review Committee** – Nancy Ghanayem  **Database Committee** – Nikhil Chanani  **Audit Committee** – Hayden Zaccagni  **Quality Committee** – Darren Klugman | **PAC3 Committee Breakout**  **Database Committee**  *Room: Vandenberg*  Led by Susan Schachtner  Objectives:   1. Discuss accomplishments of the Database Committee over the past year and plans for the next year 2. Review the current version of the regional audit and evaluate how the first test of the audit has gone so far   **Education & Outreach Committee**  *Room: Hussey*  Led by Amanda Jones  Objectives:   1. Review accomplishments from the past year 2. Divide into working groups to define short- and long-term objectives and deliverables for the publication library, education projects, professional outreach, and patient/family involvement in PAC3 |
| 12:30pm | **Lunch\*** |

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| 12:45 – 1:30pm | **Lunch\***  *Room: Ballroom*  **Data Collectors Lunch and Networking**\*  *Room: Henderson (3rd floor)*  **APP & RN Networking Lunch**\*  *Room: Vandenberg (3rd floor)*  **Quality Initiatives bridging PC4 and PAC3\***  *Room: Koessler*  Led by Darren Klugman and Katie Bates  **Scientific Initiatives bridging PC4 and PAC3\***  *Room: Michigan*  Led by Nancy Ghanayem and Ronn Tanel |
| **1:30pm** | **General session: How best to collect data?**  Moderators: Sue Schachtner, Javier Lasa |
| 1:30 – 1:50pm | **Introduction to the Inpatient Data Quality Project**  *Room: Ballroom*  Speaker: Margaret Graupe, Susan Shachtner |
| 1:50 – 2:45pm | **Panel discussion: Systems to Support Quality Data Collection**  *Room: Ballroom*  Panelists from:   * Texas Children’s Hospital: Rebecca Zahn * Children’s Hospital of Philadelphia: Kelly Veneziale * UCSF Benioff Hospital: Julie Bushnell |
| 2:45 – 3:15pm | **Keynote presentation: Automated Data Abstraction utilizing Artificial Intelligence and Natural Language Processing**  *Room: Ballroom*  Speakers: Andy Shin, Matt Hollingsworth |
| 3:15 – 3:30pm | **Break\*** |

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| 3:30 – 4:30pm | *Participants will choose between one of the breakout sessions*  **Challenges to Efficient Quality Data Collection**  **(4 concurrent breakout sessions)**  **Census Tracking & Coding Difficulties** – Jeffrey Alten, John Butcher, Nicolas Madsen, Karen Hendricks  *Room: Michigan*  Learner Objective: Discuss best practices for census tracking. Discuss strategies to overcome coding difficulties including working with the clinical champion and using the medical record to obtain coding diagnoses, complications, and procedures.  **Reconciliation of data fields and definitions across registries** – Nikhil Chanani, Mary Lukacs, Sherry Smith, Martha Clabby, Dawn Boughton  *Room: Vandenberg*  Learner Objective: Participants will have the opportunity to discuss ways that the clinical team can support data collectors in their efforts to collect timely, accurate data.  **Timely data submission** – Fred Roberts, David Werho, Chona Mariano  *Room:* Hussey  Learner Objective: Evaluate your data collection process and discuss ways to improve timely submission of data.  **Supporting your data team**: **Engaging the clinical champion and avoiding burnout** –Sarah Youngberg, Adam Ware, David Bailly,  *Room: Henderson*  Learner Objective: Discuss ways that clinical champions stay engaged and support data collectors in their efforts to collect timely, accurate data.  **APP Education Project Work**  *Room: Koessler*  Led by Erin Colvin  Learner Objective: Recall the list of topics that will be included in the PAC3 APP Education Curriculum and will determine objectives for the PAC3 APP Education Curriculum topics. |
| 4:30 – 5:30pm | **All Teach, All Learn: Quality & Science Initiatives Poster Session\***  *Room: Ballroom*  Posters will display quality science projects at various stages from centers around the collaborative. Topics include patient care, family engagement, and data collection practices. For a full list and map of posters, please see page X in your program.  *Wine and cheese will be served* |
| 7:00pm | **Dinner at Jack Roth Stadium Club at Michigan Stadium** |

**Tuesday, November 5**

*Sessions marked with \* will not be offering CME/CNE/MOC credit*

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| **Time** | **Joint Session Title** | | |
|  | **PC4 Session** | **PAC3 Session** |
| 6:45am – 8:00am | **Breakfast\***  **Customer service office hours**:\*  *ArborMetrix Room: Concourse*  *CardioAccess Room: Koessler*  *LUMEDX Room:* *Henderson* | | |
| 7:00am – 8:00am | **PC4 Audit Committee\*** (open)  *Room: Michigan*  Led by Hayden Zaccagni | **PAC3 Committee Breakouts**  **Scientific Review Committee** (open)  *Room: Vandenburg*  Led by Ronn Tanel  Objectives:   1. Discussion of possible proposals and/or call for proposals from membership based on the data registry to this point 2. Finalization of research project proposal workflow (continuation of discussion at spring meeting)   **Quality Improvement Committee** (open)  *Room*: *Hussey*  Led by Katherine Bates  Objectives:   1. Review and edit current draft of QI committee functions 2. Debrief the All Teach All Learn session from Monday 3. Form a group to plan for submission, presentation, and review of Path 2 (self-organizing QI projects of 3 or more centers) proposals in March |
| 8:00am | **Using Data at a National and Local Level** | |
| 8:00 – 9:00am | **Presentations on Quality Initiatives**  *Room: Ballroom*  **Cardiac Arrest Prevention** – Jeffrey Alten  **PC4 Length of Stay** – Andy Shin, Claudia Algaze  **Chest tube Spread Initiative** – Shreya Sheth | |

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| 9:00 – 9:30am | **Elevator talk: how to present PC4 and PAC3 data live to your favorite administrator**  *Room: Ballroom*  Speakers: Nikhil Chanani, Nicolas Madsen | |
| 9:30 – 10:00am | **Local Data Sharing**  *Room: Ballroom*  Speakers: Rob Olsen, Katie Clarke-Meyers | |
| 10:00 – 10:15am | **Break\*** | |
| 10:15 – 11:15am | **PC4 Scientific Initiatives**  *Room: Ballroom*  Objectives: Participants will be able to describe the current objectives and status of the scientific initiatives and strategy projects.  **NEPHRON** – Jeffrey Alten  **Maternal-Fetal Project** – Jill Savla  **PC4 Scientific Strategies**  **Unplanned re-interventions** – John Costello  **Sedation and Analgesia** – Javier Lasa  **Anticoagulation and thrombosis** – Jay Patregnani  **Age at Surgery** – Andrew Smith | **PAC3 Data Quality Project work**  *Room: Vandenburg*  Presenters: Ashlin Tignor, Sue Schachtner, Kelly Veneziale, Lara Khadr  Objectives:   1. Outline what will be required of centers that want to participate and what gains are anticipating with this project 2. Learn to create a Pareto chart. 3. Consider how to apply this concept to tracking failures during the data collection process |
| 11:15 – 11:30pm | PC4 General Session Wrap up  *Room: Ballroom* |
| 11:30am – 1:00pm | **Lunch\***  *Room: Ballroom*  **Customer service office hours**:\*  *ArborMetrix Room: Concourse*  *CardioAccess Room: Koessler*  *LUMEDX Room:* Henderson | |
| 11:45 – 12:45pm | **PC4 Committee Breakouts**  **Quality Committee\*** (20 min open, 40 min closed)  *Room: Hussey*  Led by Darren Klugman  **PC4 Database Committee\*** (Open)  *Room: Michigan*  Led by Nikhil Chanani and Javier Lasa | *(Lunch)\** |
| 12:45 | *(Lunch)* | **PAC3 Chest tube project work**  *Room: Vandenburg*  Led by Ashlin Tignor, Shreya Sheth  Objective:   1. Describe IHI’s Psychology of change framework. 2. Recognize the impact of the human side of change on success of improvement work in the short and long term 3. Integrate IHI’s Psychology of Change Framework’s approach to advancing and sustaining improvement into chest tube project work.   **Wrap up, +/Δ\***  *Room: Vandenburg*  Led by Ashlin Tignor |
| 1:00 – 2:00pm | **PC4 Clinical Champion Breakout\* Hands on how to use the ArborMetrix Website – bring your laptop!\***  *Room: Ballroom*  Led by Michael Gaies, Javier Lasa and Nikhil Chanani  **PC4 Scientific Review Committee\*** (open)  *Room: Michigan*  Led by Nancy Ghanayem |
| **Data Collector Jeopardy**  *Room:*  Moderators: Julie Bushnell, Kelly Veneziale, Karen Hendricks, Fred Roberts  Objectives:   * Demonstrate knowledge of data definitions in the PC4/PAC3 registry * Demonstrate knowledge of coding conventions | |
| 2:00 pm | *Conference End* | |