**PICS~AICS 2017**  
**January 16-19**  

**Harnessing Technology for Congenital and Structural Interventions**  
**Celebrating the 20th Anniversary of PICS!**

**Sunday January 15th**  
**3:00-6:00pm**  
**Registration**  
**Rotunda – Second Level**

**Monday January 16th**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:45-8:15am</td>
<td><strong>Breakfast Available</strong></td>
</tr>
<tr>
<td></td>
<td>Americana Foyer – Second Level</td>
</tr>
<tr>
<td>6:30am-6:00pm</td>
<td><strong>Registration</strong></td>
</tr>
<tr>
<td></td>
<td>Rotunda – Second Level</td>
</tr>
<tr>
<td>10:00am-8:00pm</td>
<td><strong>Poster Abstracts</strong></td>
</tr>
<tr>
<td></td>
<td>Americana Foyer – Second Level</td>
</tr>
</tbody>
</table>

**Morning Session**  
**Americana Ballroom Salon 1&2**  
**Second Level**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00am-1:00pm</td>
<td><strong>Moderators: Ziyad M Hijazi, John P. Cheatham</strong></td>
</tr>
<tr>
<td>8:00 – 8:15am</td>
<td><strong>Welcome</strong></td>
</tr>
<tr>
<td></td>
<td><em>Ziyad M Hijazi</em></td>
</tr>
<tr>
<td>8:15-8:45am</td>
<td><strong>Keynote “TED-Style” Lecture</strong></td>
</tr>
<tr>
<td></td>
<td>“From Septostomies to Stem Cells – What the Next 50 years hold”</td>
</tr>
<tr>
<td></td>
<td><em>David Nykanen</em></td>
</tr>
<tr>
<td>8:50 – 10:30am</td>
<td><strong>Oral Abstract Presentations I</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Moderators: Michael de Moor, John Bass, Alexander Javois</strong></td>
</tr>
<tr>
<td>10:00am-4:00pm</td>
<td><strong>Leadership and Management in the Cath Lab</strong></td>
</tr>
<tr>
<td></td>
<td>Leadership Seminar Presented by Bob Berk</td>
</tr>
<tr>
<td></td>
<td>Poinciana 1 &amp; 2 Second Level</td>
</tr>
<tr>
<td>10:30 – 11:00am</td>
<td><strong>Break</strong> – Coffee Available</td>
</tr>
<tr>
<td></td>
<td><strong>Americana Foyer – Second Level</strong></td>
</tr>
</tbody>
</table>
11:00am – 1:00pm  Oral Abstract Presentations II
Moderators: Levent Saltik, Redmond Burke, Larry Latson

12:45-1:15pm  Lunch Available
Americana Foyer – Second Level

Lunch Session  Americana Ballroom
Salon 1&2, Second Level
Taped Cases
Moderators: Brent Gordon, Terry King

1:10-2:00pm
1:10-1:25pm  Mayo Clinic – Allison Cabalka & Nathaniel Taggart
1:25-1:40pm  Toronto – Mark Osten
1:40-1:55pm  Stanford – Lynn Peng

Afternoon Session  Americana Ballroom Salon 1&2
Second Level

2:00-5:30pm  Moderators: Thomas K Jones, William Hellenbrand

2:00-3:30pm  Stenting in the 21st Century – How Far Have We Come…and How Far We Have Yet to Go...
Moderators: John Rhodes, Joaquim Miro

2:00-2:10pm  Use of Registries to Examine Outcomes with Stenting – Julie Vincent
2:11-2:21pm  The Biomechanics of Stent Development – Shyam Sathanandam
2:22-2:32pm  Neointimal Ingrowth – Can we predict and prevent this? – Felix Berger
2:33-2:43pm  The Physiological Impacts of Stenting – Measuring Flow Dynamics – Aimee Armstrong
2:44-2:54pm  Biodegradable Technology Is Here but is it Enough for CHD Patients? – Dan Levi
2:55-3:05pm  Stents and Tissue Engineering – Pie in the Sky or a Reality in the Next 20 Years? – Massimo Caputo

3:05-3:30pm  Discussion

3:30 – 4:00pm  Break – Coffee Available
Americana Foyer
Second Level
4:00 – 5:30pm  
**FDA Town Hall and Device Development (Doug Villnave Session)**

**Moderators:** John Cheatham, Matt Gillespie, Vasum Peiris,

- **4:00-4:10pm**  
  Introduction – *Al Tower Jr*

- **4:11-4:21pm**  
  Devices We Need – Developing a Biodegradable Scaffold That Works For Our Population  
  *Martin Bocks*

- **4:22-4:32pm**  
  Devices Available Elsewhere – Challenges and Progress to Achieving Availability in the US  
  *Evan Zahn*

- **4:33-4:43pm**  
  Device Development: Current Challenges and How to Overcome  
  *Thomas Forbes*

- **4:44-4:54pm**  
  Early Feasibility Study Applicability to Pediatric Device Development  
  *Nicole Ibrahim*

- **4:55-5:05pm**  
  Device Approval in Different Continents – Can we work together to Streamline Broader Approval Guidelines? – Experience from Japan – *Teiji Akagi*

- **5:05-5:30pm**  
  Round Table Discussion

6:00-8:00pm  
**Welcome Reception**

**Exhibit Hall Open**

**Americana Ballroom Salon 3&4**
Tuesday January 17th

6:00am          PICS-AICS 5K Run
                 Loews Walking Path

6:45-8:15am     Breakfast Available
                 Americana Ballroom
                 Salon 3&4 – Second Level

6:30am-6:00pm   Registration
                 Rotunda – Second Level

8:00am-5:30pm   Poster Abstracts
                 Americana Foyer – Second Level

Morning Session  Americana Ballroom
8:00am-1:00pm   Salon 1&2 – Second Level

8:00 – 8:15am    Update on Live Cases 2015
                 Kiran Mallula

8:15 – 10:30am  Live Cases: Saudi Arabia, Chile, Argentina
                 Moderators: Damien Kenny, Ziyad M Hijazi
                 Digital Moderators: Dan Gruenstein,
                                      Alexander Javois
                 Panelists: Carlos Zabal, Jou Kou Wang,
                            Makram Ebeid, Alvaro Galindo

10:30 – 10:45am Break – Coffee Available
                 Americana Ballroom
                 Salon 3&4 Second Level

10:45am – 1:00pm Live Cases: Saudi Arabia, Chile, Argentina
                 Moderators: William Hellenbrand, Dan Levi
                 Digital Moderators: Gareth Morgan,
                                      Kanishka Ratnayaka
                 Panelists: Noa Holoshitz, Seong –Ho Kim,
                            Petru Liuba, Tarek Momenah,

12:45-1:15pm    Lunch Available
                 American Ballroom
                 Salon 3&4 – Second Level
Lunch Session
American Ballroom
Salon 1&2 – Second Level
Taped Cases
**Moderators:** Richard Ringel, Jacqueline Kreutzer

1:10-1:25pm  
*Cincinnati – Bryan Goldstein*

1:25-1:40pm  
*Houston - Huie Lin and John Breinholt*

1:40-1:55pm  
*Israel - Elchana Bruckheimer*

Afternoon Session
Americana Ballroom
Salon 1&2 – Second Level

2:00-5:30pm

**Moderators:** Ralf Holzer, Cliff Kavinsky

2:00 – 3:30pm  
*State of the Art - ASD Closure*

**Moderators:** Horst Sievert, Worakan Promphan

2:00-2:10pm  
Left Atrial Disengagement  
*Bharat Dalvi*

2:11-2:21pm  
The Malaligned Atrial Septum – Implications for Closure and Complications  
*David Balzer*

2:22-2:32pm  
How Recent Erosion Data Has Changed My Practice – *Zahid Amin*

2:33-2:43pm  
Revisiting the Deficient IVC Rim Defect – Which defects should we attempt?  
*Masood Sadiq*

2:44-2:56pm  
ASD Closure Exclusively with TEE – Why and How?  
*Felix Berger*

2:57-3:09pm  
ASD Closure in Children < 8Kgs – Indications and Techniques – *Jeremy Asnes*

3:10-3:20pm  
Transcatheter ASD Suture-mediated closure – Current Status and Future Challenges  
*Anthony Nobles*

3:30 – 4:00pm  
Break – Coffee Available

Americana Ballroom
Salon 3&4 – Second Level

4:00 – 5:30pm  
*Complex Structural Interventions*

**Moderators:** Cliff Kavinsky, John Carroll, Hussam Suradi

6  Case Presentations

4:00-4:15pm  
Allison Cabalka (Mitral Valve)

4:15-4:30pm  
Issam Moussa (TAVR with Close Coronaries)

4:30-4:45pm  
Roberto Cubeddu (TAVR – Valve-in-Valve)

4:45-5:00pm  
Reda Ibrahim (Tricuspid Valve)

5:00-5:15pm  
Michel Ilbawi (Hybrid Case)

5:15-5:30pm  
Mansour AlJufan (Pulmonic in Native Outflow)

5:30-5:45pm  
Discussion
**Breakout Session**  
2:00 – 3:30 pm  

*Nursing and Associated Professionals*  
*Cowrie 1&2 – Third Level*  
**Moderators:** Sharon Cheatham, Karen Iacono

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00-2:12pm</td>
<td>Electronic Updates from the Cath Lab</td>
<td>Karen Iacono</td>
</tr>
<tr>
<td>2:13-2:25pm</td>
<td>Right Heart Cath Without Radiation</td>
<td>Ileen Cronin</td>
</tr>
<tr>
<td>2:26-2:38pm</td>
<td>Assessing Coronaries in CHD</td>
<td>Katie Soule</td>
</tr>
<tr>
<td>2:39-2:51pm</td>
<td>Managing PLE ... anything new?</td>
<td>Yoav Dori</td>
</tr>
<tr>
<td>2:52-3:04pm</td>
<td>Mechanical Thrombectomy</td>
<td>Karen Iaconno</td>
</tr>
<tr>
<td>3:05-3:17pm</td>
<td>Ambulatory Fontan Pressure Monitoring Using an Implantable Sensor</td>
<td>Darren Berman</td>
</tr>
<tr>
<td>3:18-3:30pm</td>
<td>Transcatheter Innovations</td>
<td>Aimee Armstrong</td>
</tr>
<tr>
<td>3:30-3:45pm</td>
<td>Discussion</td>
<td></td>
</tr>
</tbody>
</table>

**Breakout Session**  
2:00 – 3:30pm  

*PICES Session*  
*Poinciana 1&2*  
*Second Level*  
**Moderators:** Nathaniel Taggart & Matthew Crystal

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00 - 2:10</td>
<td>Call to order, general welcome</td>
<td>Nathan Taggart, MD - President)</td>
</tr>
<tr>
<td>2:10 - 2:40</td>
<td>“Program Development and Negotiation”</td>
<td>Dr. David Nykanen - (20 min talk, 10 min discussion)</td>
</tr>
<tr>
<td>2:40 - 2:55</td>
<td>“Innovations in Pulmonary Vein Stenosis”</td>
<td>Dr. Ryan Callahan - (10 min talk, 5 min discussion)</td>
</tr>
<tr>
<td>2:55 – 3:10</td>
<td>Research update (Jeffrey Zampi, MD VP - Research) + New/Old Business - PICES Executive Committee (Gareth Morgan, MD – Secretary; Matthew Crystal, MD – VP Clinical; Michael Seckeler, MD – Website Content Editor)</td>
<td></td>
</tr>
<tr>
<td>3:10 – 3:30</td>
<td>Case Presentation interactive session of toughest/most challenging/craziest case</td>
<td>Michael Hainstock, MD</td>
</tr>
</tbody>
</table>
### Breakout Session

**4:00 – 5:45pm**  
*Advances in Imaging Modalities to Guide Interventions*

**Poinciana 3&4**  
**Second Level**  
**Moderators:** Aimee Armstrong, Craig Fleishman

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Presenters</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:00-4:10pm</td>
<td><strong>Update on Fusion Imaging Modalities</strong></td>
<td>Thomas Fagan</td>
</tr>
<tr>
<td></td>
<td>3-D Modeling Will Prove More Beneficial than Holography in Guiding Congenital Interventions in the next 10 Years</td>
<td>Colin Mc Mahon, Elchanan Bruckheimer</td>
</tr>
<tr>
<td>4:11-4:21pm</td>
<td><strong>Pro:</strong> Colin Mc Mahon</td>
<td></td>
</tr>
<tr>
<td>4:22-4:32pm</td>
<td><strong>Con:</strong> Elchanan Bruckheimer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Widespread Use of MRI Guided Interventions is a Reality in the Next 20 Years</td>
<td></td>
</tr>
<tr>
<td>4:35-4:45pm</td>
<td><strong>Pro:</strong> Kanishka Ratnayaka</td>
<td></td>
</tr>
<tr>
<td>4:46-4:56pm</td>
<td><strong>Con:</strong> Daniel Gruenstein</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ultrasound for Vascular Access Should be the Gold Standard</td>
<td></td>
</tr>
<tr>
<td>5:00-5:10pm</td>
<td><strong>Pro:</strong> Christopher Petit</td>
<td></td>
</tr>
<tr>
<td>5:11-5:21pm</td>
<td><strong>Con:</strong> Zahid Amin</td>
<td></td>
</tr>
<tr>
<td>5:25-5:35pm</td>
<td><strong>Percutaneous Intervention of CASH:</strong> Alternative Non-fluoroscopic strategy (PAN procedure)</td>
<td>Xiangbin Pan</td>
</tr>
<tr>
<td>5:35-5:45pm</td>
<td><strong>Discussion</strong></td>
<td></td>
</tr>
</tbody>
</table>

### 6:00-6:30pm

Light Dinner Buffet available for those attending the Evening Symposium  
**Americana Foyer**

### 6:30-9:00pm

**Evening Symposium**  
**Americana Ballroom 1&2 Second Level**  
*The RVOT – Volumes, Clinical Trials and the Future*  
*Supported via Unrestricted Educational Grants from Edwards Lifesciences, Medtronic and Venus Medtech*
Wednesday January 18th

6:45-8:15am  Breakfast Available
              Americana Ballroom
              Salon 3&4 – Second Level

6:30am-5:30pm Registration
              Rotunda – Second Level

7:00-8:00am  Moderated Poster Session
              Americana Foyer
              Moderators:
              Group 1: JV DeGiovanni & Emile Bacha
              Group 2: Elchanan Bruckheimer &
                      Mark Galantowicz
              Group 3: Horst Sievert & Massimo Caputo

8:00am-5:30pm Poster Abstracts
              Americana Foyer – Second Level

Morning Session
8:00am-1:00pm  Americana Ballroom
                Salon 1&2 – Second Level

8:00 – 10:15am Live Cases: New York, Houston, Dallas
               Moderators: William Hellenbrand,
                           John P Cheatham
               Digital Moderators: David Balzer, Darren
                                   Berman
               Panelists: Hideshi Tomita, Abe Rothman, Raul
                           Rossi, Joshua Murphy

10:15 – 10:45am Break

10:45am – 1:00pm Live Cases: New York, Dallas, Houston
                 Moderators: John Cheatham, Shakeel Qureshi
                 Digital Moderators: Jeremy Asnes, Reda
                                      Ibrahim
                 Panelists: Marco Papa, Charles Mullins, Wail
                             Alkashkari, Pan Xin

12:45-1:15pm  Lunch Available
              Americana Ballroom Salon 3&4
              Second Level
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
<th>Moderators</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:10-2:00pm</td>
<td><strong>Lunch Session</strong></td>
<td><strong>Americana Ballroom Salon 1&amp;2</strong></td>
<td><strong>Moderators:</strong> Craig Fleishman, Lee Benson</td>
</tr>
<tr>
<td></td>
<td><strong>Taped Cases</strong></td>
<td><strong>Second Level</strong></td>
<td><strong>Moderators:</strong> Evan Zahn, Brian Morray</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>LA –</strong> Evan Zahn</td>
<td><strong>Moderators:</strong> Damien Kenny &amp; Kevin Walsh</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Seattle –</strong> Brian Morray</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Dublin –</strong> Damien Kenny &amp; Kevin Walsh</td>
<td></td>
</tr>
<tr>
<td>2:00-5:30pm</td>
<td><strong>Afternoon Session</strong></td>
<td><strong>Americana Ballroom Salon 1&amp;2</strong></td>
<td><strong>Moderators:</strong> Ralf Holzer, John Carroll</td>
</tr>
<tr>
<td>2:00 – 3:30pm</td>
<td><strong>Interventions Outside the Heart</strong></td>
<td><strong>Second Level</strong></td>
<td><strong>Moderators:</strong> Elchanan Bruckheimer, Mark Galantowicz</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Airway Stenting for CHD patients:</strong></td>
<td><strong>Moderators:</strong> Gareth Morgan</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Use of Intraprocedural Brochoscopy to</strong></td>
<td><strong>Moderators:</strong> Yoav Dori</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Assess for Airway Compression During</strong></td>
<td><strong>Moderators:</strong> Kevin Walsh, Horst Sievert</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Interventions on the Lymphatic System:</strong></td>
<td><strong>Moderators:</strong> Shakeel Qureshi</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Early Outcomes and Longer Term</strong></td>
<td><strong>Moderators:</strong> Thomas A. Worthy</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Renal Artery Denervation Applicability</strong></td>
<td><strong>Moderators:</strong> Doff McElhinney</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Interventions for Middle Aortic Syndrome</strong></td>
<td><strong>Moderators:</strong> Howaida El-Said</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>K Sivakumar</strong></td>
<td><strong>Moderators:</strong> Joaquim Miro</td>
</tr>
<tr>
<td>3:30 – 4:00pm</td>
<td><strong>Break - Coffee Available</strong></td>
<td><strong>Americana Ballroom Salon 3&amp;4</strong></td>
<td><strong>Moderators:</strong> Damien Kenny, Evan Zahn</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Second Level</strong></td>
<td><strong>Moderators:</strong> Doff McElhinney</td>
</tr>
<tr>
<td>4:00 – 5:30pm</td>
<td><strong>Pushing the Boundaries</strong></td>
<td><strong>Second Level</strong></td>
<td><strong>Moderators:</strong> Joaquim Miro</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Moderators:</strong> Evan Zahn</td>
<td><strong>Moderators:</strong> Doff McElhinney</td>
</tr>
<tr>
<td>4:00-4:10pm</td>
<td></td>
<td><strong>Fetal Interventions – 25 years later...</strong></td>
<td><strong>Moderators:</strong> Joaquim Miro</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Doff McElhinney</td>
<td><strong>Moderators:</strong> Joaquim Miro</td>
</tr>
<tr>
<td>4:11-4:21pm</td>
<td></td>
<td><strong>Closure of the Premature Duct – How small is</strong></td>
<td><strong>Moderators:</strong> Joaquim Miro</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>too small? Joaquim Miro</strong></td>
<td><strong>Moderators:</strong> Joaquim Miro</td>
</tr>
<tr>
<td>4:22-4:32pm</td>
<td></td>
<td><strong>Assessing the Physiological Impact of</strong></td>
<td><strong>Moderators:</strong> Joaquim Miro</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>our Interventions – How Imaging May Help –</strong></td>
<td><strong>Moderators:</strong> Joaquim Miro</td>
</tr>
<tr>
<td>Time</td>
<td>Session</td>
<td></td>
<td></td>
</tr>
<tr>
<td>--------</td>
<td>--------------------------------------------------------------------------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4:33-4:43pm</td>
<td>The Optimal Catheter Interventions for Pulmonary Hypertension – Where and How &lt;br&gt;Big - Dietmar Schranz</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4:44-4:54pm</td>
<td>The Future of Managing Holes...From Bioresorbable to Histerotripsy&lt;br&gt;Marc Gewillig</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4:55-5:05pm</td>
<td>Advances in Surgical Techniques – Balancing the Viewpoint of the Fabled Perils of Surgical Intervention – Sertac Cicak</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5:06-5:16pm</td>
<td>Assessing the Physiological Outcomes of our Interventions – Are we Underutilizing CPEX Testing? Jonathan Rhodes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5:20-5:30pm</td>
<td>Discussion</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Breakout Session**<br>2:00 – 3:30pm<br>*Left Atrial Appendage and Mitral Valve Interventions*<br>Poinciana 1&2 – Second Level<br>**Moderators:** Roberto Cubeddu, Carlos Pedra

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00-2:15pm</td>
<td>Wet Lab Anatomy of the LAA – Considerations for Closure – Mark Reisman</td>
</tr>
<tr>
<td>2:16-2:29pm</td>
<td>Matching the Device to the Anatomy – Horst Sievert</td>
</tr>
<tr>
<td>2:30-2:42pm</td>
<td>Operator and Institution Requirements for LAA Occlusion – Cliff Kavinsky</td>
</tr>
<tr>
<td>2:43-2:55pm</td>
<td>The Watchman Device – Is this the end of the story for LAA Occlusion in the US for the next 10 Years? – Saibal Kar</td>
</tr>
<tr>
<td>2:56-3:08pm</td>
<td>Problems with Transcatheter Mitral Valve Repair and Replacement – A Surgical Perspective – Robert March</td>
</tr>
<tr>
<td>3:09-3:21pm</td>
<td>Novel Approaches to the Mitral Valve for Repair and Replacement – Robert Lederman</td>
</tr>
<tr>
<td></td>
<td>Discussion</td>
</tr>
</tbody>
</table>

**Breakout Session**<br>4:00 – 5:30pm<br>*Measuring and Reducing Risk in Collaboration with CCISC*<br>Poinciana 3&4 – Second Level<br>**Moderators:** Ralf Holzer, Thomas Forbes

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:00-4:10pm</td>
<td>Data Capture and Registry Participation for QI and QA: There is No “One Shoe Fits All” Solution - Ralf Holzer</td>
</tr>
<tr>
<td>4:11-4:21pm</td>
<td>Use of Registry Data to Support QI and QA Efforts (and how to achieve quality data entry): The CCISC Experience – David Nykanen</td>
</tr>
<tr>
<td>4:22-4:32pm</td>
<td>Beyond QI and QA: Use of Data for Marketing - Pitfalls and Opportunities – Thomas Forbes</td>
</tr>
</tbody>
</table>
4:33-4:43pm Update on IMPACT: Let's Make an Impact on Device Approval – Robert Vincent
4:44-4:54pm What Does the Future Hold: Integrating Surgical with Cath Data, Longitudinal and Multi-center Data Capture – Jeff Jacobs
4:55-5:05pm It’s Not Just About the Data: How To Achieve Transparency in Multi-center QI Initiatives – Lisa Bergersen
5:10-5:30pm Discussion

Breakout Session
3:45 – 5:45pm

Spanish Session
Cowrie 1&2 – Third Level
Moderators: Carlos Zabal, Horacio Faella, Daniel Aguirre
3:45-3:57 pm Computed Modeling and Simulation Role in Interventions for CHD
Mario Carminati
4:02-4:14 pm 3D printing of the RVOT. Practical Clinical Applications.
Jose Luiz Zunzunegui Martinez
4:19-4:31 pm 3D RTA and Interventions in CHD. Imaging Overkill or Useful Technology.
Francisco Garay
4:36-4:48 pm Preliminary Experience with The Venus P Valve in Latin America.
Alejandro Peirone
4:53-5:05 pm Use of The Large V12 Advanta Stent for Coarctation of the Aorta. Early and Late Outcomes in the International Multicenter Trial.
Carlos Pedra
5:10-5:22 pm Experience with The ADO II AS. Indications, Technique and Results.
Jacek Bialkowski

7:00pm PICS Dinner Event
This year's PICS~AICS Dinner will be at Nikki Beach in Miami. Nikki Beach Miami is the hidden jewel of South Beach, located on One Ocean Drive along the beautiful Atlantic Ocean. Join us as we celebrate 20 years of PICS at Nikki Beach with dinner on the beach followed by dancing and special entertainment.
Thursday January 19th

6:45-8:15am  Breakfast Available
            Americana Ballroom
            Salon 3&4 – Second Level

6:30am-5:00pm  Registration
                Rotunda – Second Level

8:00am-5:00pm  Poster Abstracts
                Americana Foyer – Second Level

Morning Session
800am-1:00pm  Americana Ballroom Salon 1&2
                Second Level

8:00 – 9:30am  Live Cases: Pittsburg, Columbus, Los Angeles
                Moderators: Carlos Pedra, Thomas K Jones
                Digital Moderators: Wail Alkashkari, Francisco Garay
                Panelists: Hasri Samion, Zoltan Turi, Michael Tynan, Horacio Faella, Jeffrey Zampi

9:30 – 11:00am  Update on Structural Heart Interventions for Congenital Interventionalists
                Moderators: John Carroll and Thomas Jones

9:30-9:40am  Optimizing Patient Selection and Procedure Safety for PFO Closure: Lessons Learned from Respect – Richard Smalling

9:41-9:51am  Post PFO Closure Medical Management Issues: Key to Long-Term Outcomes and Individualization of Medication – James Conners

9:52-10:14am  Congenital Interventionalists have Nothing to Offer Now or in the Future with TAVR

9:52-10:02am  Pro: Eric Horlick

10:04-10:14am  Con: Jamil Aboulhosn

10:15-10:25am  Interventional Options for Diastolic Heart Failure – Indications, Devices and Approach – Thomas Jones

10:26-10:36am  Updated Outcomes on Transcaval TAVR
                Robert Lederman

10:37- 10:47am  Surgical Advances to Support Hybrid Interventions in Structural Heart Disease
                Robert March

10:48 – 10:58am  Use of the MitraClip in CHD Patients – Scott Lim
11:00 – 11:30am  
**Break – Coffee Available**  
Americana Ballroom Salon 3&4  
Second Level

11:30 – 1:00pm  
**Live Cases: Pittsburgh, Columbus, Los Angeles**  
**Moderators:** Ziyad M Hijazi, Zahid Amin  
**Digital Moderators:** Huie Lin, Lynn Peng  
**Panelists:** Maiy El Sayed, Ali El Halabi, Jae Young Choi, David Fulton, Jacek Bialkowski

12:45-1:15pm  
**Lunch Available**  
Americana Ballroom Salon 3&4  
Second Level

2:00pm  
**Exhibit Hall Closes**

Lunch Session  
Americana Ballroom Salon 1&2  
Second Level  
1:10 – 2:30pm  
**My Nightmare Case In the Cath Lab**  
**Moderators:** Shakeel Qureshi & Dan Gruenstein

**Afternoon Session:**  
Americana Ballroom Salon 1&2  
Second Level  
2:30pm – 5:00pm  
**Moderators:** Ziyad M Hijazi, John Carroll

2:30 – 4:00pm  
**Simplifying the Complex – My Step-by-Step Approach**  
**Moderators:** Satinder Sandhu & Shelby Kutty  
2:30-2:40pm  
RVOT Stenting and Avoidance of the Pulmonary Valve in Neonates – JV DeGiovanni  
2:41-2:51pm  
VSD Closure via the Retrograde Arterial Approach – Thomas Jones  
2:52-3:02pm  
PDA Stenting in Tetralogy-Variant Patients Mazeni Alwi

3:03-3:13pm  
Hybrid Mitral Valve Replacement in Infants Emile Bacha  
3:14-3:24pm  
Hybrid Pulmonary Valve Replacement Alistair Phillips  
3:25-3:35pm  
The Hybrid Approach to HLHS Mark Galantowicz

3:36-3:46pm  
Modalities to Support Large Sheath Advancement in RVOT Interventions Mario Carminati

3:50-4:00pm  
Discussion

3:00-3:30pm  
**Coffee Available**
American Foyer Second Level

4:00 – 4:40pm

Battle of the Continents
Quizmaster – Damien Kenny

4:40 – 5:00pm

Prize-Giving and GoodBye!
Ziyad M Hijazi