Tuesday September 3rd

2:00-6:00pm  Registration Open
Marriott Grand Foyer - 2nd Floor Lobby Level

Wednesday Sept 4th

6:45am-6:00pm  Registration Open
Marriott Grand Foyer – 2nd Floor Lobby Level

7:00-8:30am  Breakfast Available – Marriott Grand Foyer
2nd Floor Lobby Level

6:45-8:00am  Moderated Poster Presentations –
Marriott Grand Foyer - 2nd Floor Lobby Level
Moderators: Posters 1-10 – Joshua Murphy & Makram Ebeid
Moderators: Posters 11-20 – Craig Fleishman & Jeremy Asnes

7:00am-5:00pm  Poster Abstracts – Marriott Grand Foyer
2nd Floor Lobby Level

8:00-10:00am  Quality and Outcomes – Are We doing Enough To Protect
Ourselves and Our Patients?
Main Session – Marriott Grand Ballroom –
2nd Floor Lobby Level
Moderators: John Moore & Ralf Holzer

8:00-8:15  There Is More Than One Way to Skin A Cat: How to Compare
Outcomes - Lisa Bergersen
8:37-8:52  How Can Accreditation Help to Improve Quality and Outcomes in the
Cath Lab? Aimee Armstrong
8:53-9:08  Dose Reduction in the Pediatric Cath Lab: How far can we go?
Henri Justino
9:09-9:24  When the SH1T Hits the Fan: How do we prepare for bad outcomes?
Ralf Holzer
9:25-9:40  When the Public Wants to Know: Public Outcomes Reporting
Ralph Brindis (NCDR representative)
9:40-9:55  Discussion

9:30-10:00am  Coffee Available – Marriott Grand Ballroom Foyer –
2nd Floor Lobby Level
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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| 10:00am-12:00pm | **Smaller and Safer - PDA Symposium**  
**Main Session – Marriott Grand Ballroom – 2nd Floor Lobby Level**  
**Moderators: Evan Zahn, Olivier Ghez** |
| 10:00-10:30  | Live Case (Memphis) **Shyam Sathanandam**  
Transcatheter PDA Closure in the Premature Infant – Neonatologists Viewpoint – **William Benitz** |
| 10:30-10:45  | Transcatheter PDA Closure – What Does the Data Show? **Evan Zahn**  
Surgical PDA Ligation – The Surgeons view – **Olivier Ghez** |
| 10:45-11:00  | Transcatheter PDA Closure – Neonatologists Viewpoint – **William Benitz**  
Surgical PDA Ligation – The Surgeons view – **Olivier Ghez** |
| 11:00-11:15  | Taped Case – PDA stent (Texas) – **Henri Justino**  
Taped Case – PDA stent (Texas) – **Athar Qureshi**  
**DEBATE:** PDA Stenting Should Be First Choice for Sustaining Pulmonary Blood Flow  
Pro: **Bryan Goldstein**  
Con: **John Nigro** |
| 12:00-12:30pm | Lunch Available – Marriott Grand Ballroom Foyer  
**2nd Floor Lobby Level**  
*Grab your lunch to take to one of the lunch symposiums* |
| 12:15 – 1:55pm | **Lunch Symposia**  
1. **Advances in Imaging Modalities**  
**BREAKOUT Room 1**  
**Marriott Grand Rooms 1-3 – 2nd Floor Lobby Level**  
**Moderators: Craig Fleishman, Shelby Kutty**  
12:15-12:27 | Intraprocedural Imaging for Fetal Interventions – Who Should be Performing this? - **Simone Fontes-Pedra** |
12:41-12:53 | Update on Cardiac MR Interventions - **Kanishka Ratnayaka** |
12:54-1:06 | 3 Cases Where Fusion Imaging Improved My Intervention **Thomas Fagan** |
1:07-1:19 | Transthoracic Echo Guided Interventions – Why Hasn’t it Caught on? - **Xiang Bin Pan** |
1:33-1:45 | From Holography to Augmented Reality – Will the technology improve outcomes? **Eric Horlick** |
1:45-1:55 | Discussion |
2. Still Learning from our Interventions - Breakout Room 2  
Marriott Grand Rooms 10-12 – 2nd Floor Lobby Level  
Moderators: Richard Ringel, Suren Reddy

12:15-12:27  Stenting of the Ascending Aorta – **Howaida El-Said**
12:28-12:40  Branch Pulmonary Artery Valve Insertion – When and How? **Brian Morray**
12:41-12:53  RV Decompression for Pulmonary Atresia with IVS – 5 Things I Have Learned From Over 100 cases! – **Mazen Alwi**
12:54-1:04  Closing the Pulmonary Hypertensive Duct – An Algorithm From a High Volume Center – **Carlos Zabal**
1:05-1:17  Embolization of Rudimentary RV to Avoid Coronary Damage in PA-IVS **Marc Gewillig**
1:18-1:30  tPVR in Patients less than 20 kgs – **Jose Luis Zunzunegui**
1:31-1:43  1 Year Outcome Data From the GORE Assured Trial **Matt Gillespie**
1:45-1:55  Discussion

3. Interventions in ACHD (Main Session)  
Marriott Grand Ballroom – 2nd Floor Lobby Level  
Moderators: **Jamil Aboulhosn, Hussam Suradi**

12:15-12:27  Risk Calculators in ACHD Catheterization – Are they Accurate in Predicting SAE? **Nathan Taggart**
12:28-12:40  Do I need an Adult Cardiologist whilst Performing Interventions on Adults – **Alex Javois**
12:41-12:53  Adapting Surgery in Childhood to Augment Interventions in Adults – **Emile Bacha**
12:54-1:06  Emerging Technology in Adult Cardiology Applicable to Adults with CHD – **Robert Lederman**
1:07-1:19  Surgical Strategies to Minimise CPB in Adults with CHD – Is A Sternotomy the Same as CPB? **Massimo Caputo**
1:20-1:32  The Atrial Septum – Gateway to the Left Heart – Think Carefully Before You Shut the Door! **Kevin Walsh**
1:33-1:50  Discussion

2:00-3:45pm  
**Rebirth of the PFO - Will it be Different The Second Time Around?**  
Main Session – Marriott Grand Ballroom – 2nd Floor Lobby Level  
Moderators: **Cliff Kavinsky, Thomas Forbes**

2:00-2:15  Taped Case via Skype – **Iqbal Malik**
2:18-2:28  Transcatheter Suture Mediated PFO Closure: Initial US Experience **James Thompson**
2:30-2:42  PFO and Migraine – Can we Accurately Define Responders? **Eric Horlick**
2:43-2:55  PFO and Hypoxemia – Case Presentation – **Nathan Taggart**
2:56-3:08  Challenging Anatomical Subtypes and How to Deal With Them? **Horst Sievert**
3:25-3:55  Live Case (Colorado) **John Carroll**
3:45-4:15 pm  Coffee Available – Marriott Grand Ballroom Foyer  
2nd Floor Lobby Level

4:00-6:00 pm  Oral Abstract Presentations – Main Session  
Marriott Grand Ballroom – 2nd Floor Lobby Level  
Moderators: Massimo Caputo, Jacqueline Kreutzer, Larry Latson

6:00-8:00 pm  Welcome Reception – Exhibit Hall Open  
Pacific Ballroom – 1st Floor Ground Level
Thursday Sept 5th

6:00-7:00am  PICS-AICS 5K Run

6:45am-6:00pm  Registration Open  
Marriott Grand Foyer – 2nd Floor Lobby Level

7:00-8:30am  Breakfast Available – Exhibit Hall  
Pacific Ballroom 1st Floor Ground Level

6:45-8:00am  Moderated Poster Presentations – Marriott Grand Foyer  
2nd Floor Lobby Level  
Moderators: Posters 1-10 – Dan Gruenstein & Jacqueline Kreutzer  
Moderators: Posters 11-20 – TBD & Hussam Suradi  
Moderators: Posters 21-30 – Thomas Forbes & Alan Nugent

7:00am-5:00pm  Poster Abstracts – Pacific Ballroom Foyer –  
1st Floor Ground Level

8:00-8:15am  Welcome – Ziyad M. Hijazi & Damien Kenny  
Main Session – Marriott Grand Ballroom – 2nd Floor Lobby Level

8:15-10:30am  LIVE CASES – Cordoba, Doha, Jeddah  
Main Session – Marriott Grand Ballroom – 2nd Floor Lobby Level  
Moderators: Damien Kenny, Ziyad M Hijazi  
Panelists: Daniel Aguirre, Emile Bacha, Francois Godart, Petru Liuba, Noa Holoschitz

10:30-10:45am  Coffee Available – Exhibit Hall  
Pacific Ballroom – 1st Floor Ground Level

10:45am-12:45pm  LIVE CASES – Cordoba, Doha, Jeddah  
Main Session – Marriott Grand Ballroom – 2nd Floor Lobby Level  
Moderators: Thomas Jones, John Cheatham  
Panelists: Michel Ilbawi, Raul Rossi, Howard Weber, Teiji Akagi, Joshua Murphy, Sebastian Goreczny

12:30-1:30pm  CCISC Meeting  
Marriott Grand Rooms 1-3 – 2nd Floor Lobby Level

12:45-1:30pm  Lunch Available – Exhibit Hall  
Pacific Ballroom – 1st Floor Ground Level

1:15 – 1:55pm  Taped Cases  
Main Session – Marriott Grand Ballroom – 2nd Floor Lobby Level  
Moderators: Dan Levi & Zahid Amin

1:15-1:30  Michigan – Jeff Zampi

1:35-1:50  Cairo – Maiy El Sayed
1:00-2:00pm  Lunch Breakout Session  
Pulmonary Valve Replacement - My Best and Worst Case  
Marriott Grand Rooms 10-12 – 2nd Floor Lobby Level  
Moderators:  Ziyad M. Hijazi & John P. Cheatham

1:00-1:10  Melody Valve – Philip Roberts
1:11-1:21  Alterra Valve – Vivian Dimas
1:22-1:32  Venus Valve – Worakan Promphan
1:33-1:43  Harmony Valve – Matt Gillespie
1:44-1:54  Sapien Valve – Shabana Shahanavaz

2:00pm – 5:30pm  3D13 at PICS-AICS  
Main Session – Marriott Grand Ballroom – 2nd Floor Lobby Level  
Moderators:  Gregor Krings, Aimee Armstrong

2:00-3:30pm  
2:00-2:12  From 2D to 3DRA in PA Stenting: Start-up and Learning Curve  
Jeremy Asnes

Debate: Stenting in the PA Bifurcation: 3DRA is Mandatory

2:13-2:25  Pro:  Gareth Morgan
2:26-2:38  Con:  Alain Fraisse
2:38-2:45  Discussion
2:46-2:58  From Stage I-III: Topography and stenting – Gregor Krings
2:59-3:11  Extra-Cardiac Structures – When 3D Can Help – Mirella Molenschot
3:12-3:30  Taped Case: 3DRA guided complex PA bifurcation stenting  
Aimee Armstrong

3:30-4:00pm  
Coffee Available – Exhibit Hall  
Pacific Ballroom – 1st Floor Ground Level

4:00-5:30pm  
4:15-4:30  3DRA Workflow in TPVR – Gregor Krings
4:30-4:45  TPVR in the Patched RVOT: Defining Dimensions and Device Choice  
Evan Zahn
4:45-5:00  Finite Element Analysis in TPVR: Predict to Prevent  
Mario Carminati
5:00-5:15  Taped Case: PPVI guided by 3DRA – Mirella Molenschot
5:15-5:30  Discussion
2:00-3:45pm

Nursing and Associated Professionals Breakout
Marriott Grand Rooms 1-3 – 2nd Floor Lobby Level
Moderators: Sharon Cheatham & Karen Iacono
2:00 – 2:15 Reducing Radiation in the Cath Lab – Clinton Fulk
2:15 – 2:30 Emergencies in the Cath Lab – Ileen Cronin
2:30 - 2:45 Navigating The Waters of A Multidisciplinary Approach to QI and Research - Karen Iacono
2:45 – 3:00 Pitfalls of Femoral Access: How to Prevent Complications – Soodevi. Boolkah
3:00 – 3:15 Planning a New Hybrid Interventional Lab: Things We Forget When Planning – Emily Kish
3:15 – 3:30 Designing the Perfect Transcatheter Pulmonary Valve for Pulmonary Regurgitation… What are the issues? – John P. Cheatham
3:30 – 3:45 Q & A

2-3:30pm

Transcatheter VSD Closure – Time to Rethink (BreakOut)
Marriott Grand Rooms 10-12 – 2nd Floor Lobby Level
Moderators: TBD, Terry King
2:00-2:12 PMVSD Closure – No Data – Really? – Dan Gruenstein
2:26-2:38 Transcatheter Closure of PMVSD’s with Aortic Valve Prolapse – Do Tin
2:39-2:54 Taped Case (Dublin) – Damien Kenny
Transcatheter Closure of the Majority of VSD’s will be Achievable within 10 Years
2:55-3:05 Pro: Joaquim Miro
3:06-3:16 Con: Michel Ilbawi
3:17-3:30 Discussion

4-5:30pm

Interventions on the Atrial Septum Breakout
Moderators: Zahid Amin, Felix Berger
Marriott Grand Rooms 1-3 – 2nd Floor Lobby Level
4:00-4:15 Taped Case – (Philadelphia) – Matt Gillespie
4:16-4:28 Missing Posterior Rim - To Close or Not to Close? Implications For Device Selection? – Marco Papa
4:55-5:07 Secondary Fenestration of the Atrial Septum or of the Implanted Device – Tips and Tricks! – Lee Benson
5:08-5:20 Interventional Treatment of Sinus Venosus Defects - Current Status and Lessons Learned – K. Sivakumar
5:20-5:30 Discussion

5:30pm

PICS Achievement Award
Main Session – Marriott Grand Ballroom – 2nd Floor Lobby Level
6:00-7:00pm  “The Shark Tank”  
Main Session – Marriott Grand Ballroom – 2nd Floor Lobby Level  
Friday Sept 6th

6:45am-6:00pm  Registration Open
Marriott Grand Foyer – 2nd Floor Lobby Level

7:00-8:30am  Breakfast Available – Exhibit Hall
Pacific Ballroom – 1st Floor Ground Level

6:45-8:00am  Moderated Poster Presentations –
Marriott Grand Foyer - 2nd Floor Lobby Level
Moderators: Posters 1-10 – John Moore & Bryan Goldstein
Moderators: Posters 11-20 – Mario Carminati & Brent Gordon
Moderators: Posters 21-30 – Lynn Peng & Shelby Kutty

7:00am-5:00pm  Poster Abstracts –
Pacific Ballroom Foyer – 1st Floor Ground Level

8:00 – 8:15am  Update on Live Cases 2018
Main Session – Marriott Grand Ballroom – 2nd Floor Lobby Level
Kiran Mallula

8:15-10:30am  LIVE CASES – NYP/Columbia, Seattle, NYP/Weill Cornell
Main Session – Marriott Grand Ballroom – 2nd Floor Lobby Level
Moderators: William Hellenbrand, Felix Berger
Panelists: Mazeni Alwi, Massimo Caputo, Martin Bocks, Yoav Dori, Oscar Mendiz

10:15-10:45am  Coffee Available – Exhibit Hall
Pacific Ballroom – 1st Floor Ground Level

10:45am-12:45pm  LIVE CASES – NYP/Columbia, Seattle, NYP Weill/Cornell
Main Session – Marriott Grand Ballroom – 2nd Floor Lobby Level
Moderators: Allison Cabalka, Shakeel Qureshi
Panelists: Makram Ebeid, Horacio Faella, Brent Gordon, Olivier Ghez, Amjad Mahmood, Hesham Al-Saloos

12:45-1:00pm  Gil Wernovsky – 2021 WCPCCS Announcement

12:45-1:30pm  Lunch Available – Exhibit Hall
Pacific Ballroom – 1st Floor Ground Level

1:15 – 1:55pm  Taped Cases and New Interventions
Main Session – Marriott Grand Ballroom – 2nd Floor Lobby Level
Moderators: Alex Javois, Thomas Fagan
1:15-1:30  Elchanan Bruckheimer
1:35-1:50  Jou-Kou Wang
2:00-3:45pm  
**Pulmonary Artery Interventions in the Modern Era**  
*Main Session – Marriott Grand Ballroom – 2nd Floor Lobby Level*

**Moderators:** Alan Nugent, John Moore

- 2:00-2:15 Taped Case - *Frank Ing*
- 2:16-2:28 Cutting Balloons, Ultra-High Pressure Dilation and Stenting – *Felix Berger*
- 2:29-2:41 Beyond the Proximal PAs: Intervventional Strategies for Patients With Multiple Peripheral PA Stenosis - *Doff McElhinney*
- 2:42-2:54 Strategies for Complex PA Bifurcation Lesions – *Ahmet Celebi*
- 2:55-3:07 Newer Stent Options Specific for PA Stenting – *John Cheatham*
- 3:08-3:20 When the Interventionalist is Not Enough: Hybrid PA Rehab and Surgical PA Interventions – *Mark Galantowicz*
- 3:20-3:32 Procedural Success, and Medium/longterm outcome of PA Rehab: How do we know we are winning? – *Thomas Forbes*
- 3:32-3:45 Discussion

4-5:45pm  
**Transcatheter Valve Replacement - New Strategies and Techniques**  
*Main Session – Marriott Grand Ballroom – 2nd Floor Lobby Level*

**Moderators:** Allison Cabalka, Lee Benson

- 4:00-4:12 When I Should Have Used a Long Sheath to Implant a SAPIEN Valve in the Native RVOT – *Shabana Shahanavaz*
- 4:13-4:25 When I Should Have Used A Pre-stent in the Native RVOT – *Jamil Aboulhosen*
- 4:26-4:38 5 Options for Transcatheter Tricuspid Valve Replacement and Why – *Reda Ibrahim*
- 4:39-4:51 Tips and Tricks for Successful Mitral Valve in Valve Therapy *Allison Cabalka*
- 4:52-5:04 Reintervention on the Melody in the Mitral Position in small Children *Mario Carminati*

**Debate:**  
- Balloon Expandable Systems are Superior to Self-expanding Systems for the Native RVOT

- 5:05-5:15 Pro: *Gareth Morgan*
- 5:16-5:26 Con: *Zahid Amin*
- 5:30-5:45 Discussion
2:00-4:00pm  
**Interventions in Heart Failure - Breakout**  
*Marriott Grand Rooms 1-3, 2nd Floor Lobby Level*  
*Moderators: Lynn Peng, Charles Mullins, Yoav Dori*

2:00-2:12  
Reverse PA Banding – Who, Why and How: *Dietmar Schranz*

2:13-2:28  
TAPED CASE - *Darren Berman*

2:29-2:41  
Coronary Artery Stenting in Children – Is there ever justification? *Hideshi Tomita*

2:42-2:54  
Establishing ECMO in the Cath Lab – *Shabana Shahanavaz*

2:55-3:10  
Lymphatic Intervention - Taped Case – *(Leuven)* *Marc Gewillig*

3:11-3:23  
Impella in the Fontan – When and How – *Vivian Dimas*

3:24-3:36  
New Insights in Cardiac Pumping – Clinical Relevance *Marcus Carlsson*

3:37-3:49  
Syntach – A Novel Long Term Cardiac Support Concept  
*Kristian Solem*


2-3:30pm  
**PICES Breakout**  
*Marriott Grand Rooms 10-12 - 2nd Floor Lobby Level*  
*Moderators: Ryan Callahan, Sara Trucco, Gurumurthy Hiremath,*  
Trials and Tribulations - Establishing a Career as a Pediatric Cardiologist  
Case Presentation - “Good Thing We Had Two Needles”  
*Jeffrey Darst, MD,* Children’s Hospital of Colorado  
Case Presentation – “Under Pressue: A Complex Lymphatic Intervention”  
*Sanjay Sinha, MD,* UCLA  
“What to do when the “Fasten Your Seatbelt” Light Comes On: Lessons Learned Through the Turbulence Of My Early Career.”  
*Carrie Herbert, MD,* UT Southwestern  
Keynote Speaker:  
"Am I a tortoise or a hare? The Importance of Pace"  
*Audrey Marshall, MD,* Harvard School of Public Health

3:30-4:00pm  
**Coffee Available – Exhibit Hall**  
Pacific Ballroom – 1st Floor Ground Level

4-5:45pm  
**LA Appendage Session Breakout**  
*Marriott Grand Rooms 10-12, 2nd Floor Lobby Level*  
*Moderators: Kevin Walsh, Horst Sievert*

4:00-4:12  
Patient Selection – Are the Indications too Rigid? *Issam Moussa*

4:13-4:25  
Update on Trials – *Kevin Walsh*

4:26-4:38  
Established and Evolving Devices – *Horst Sievert*

4:39-4:51  
Who should be doing these cases and why? – *Mark Osten*

4:52-5:25  
Taped Case – Seattle *Mark Reisman*  
Anatomical Variants and Implications for Closure – *Mark Reisman*

5:25-5:35  
Discussion
4:00-5:45pm  
**Latin Session – Breakout**  
*Marriott Grand Rooms 1-3, 2nd Floor Lobby Level*

**Moderators:** Carlos Pedra, Alejandro Peirone

4:00-4:10  From Polar Bears to Raptors. Championing Assistance and Research in Canada.  
**Joaquim Miro**

4:11-4:21  Becoming the Chief Was a Small Step For A Woman But What About Cath Research?. What is New in Pittsburgh.  
**Jaqueline Kreutzer**

4:22-4:32  Cowboys, Cattle, Guns and Rockets. Has anything changed in the cath lab in Houston?  
**Henri Justino**

**Massimo Caputo**

4:44-4:54  Seafood and Wine. Snow Mountains and Beaches. Is there a better combination in Interventional Cardiology in Chile?  
**Daniel Aguirre**

4:55-5:05  Is Spanish Pediatric Interventional Cardiology Really Better Than the Real Madrid?  
**Jose Luis Zunzunegui**

5:06-5:16  Gauchos in the Argentinean Inland. What is making a differences for our kids with CHD?  
**Alejandro Peirone**

**Carlos Zabal**

5:28-5:38  Forget about Soccer!!! Brazil is about music!! How to Orchestrate to Become a World Class Program.  
**Carlos Pedra**

7:00-10:00pm  
**PICS-AICS Dinner**

San Diego Air & Space Museum at Balboa Park  
Discover Space Past, Present and Future, Dinner and Dancing

6:30 pm  
Motor coaches depart the Marriott Marquis outside the Pacific Ballroom on the lower level of the Pacific Drive.
Saturday Sept 7th

6:45am-1:30pm  Registration Open
Marriott Grand Foyer – 2nd Floor Lobby Level

7:00-8:30am  Breakfast Available – Exhibit Hall
Pacific Ballroom 1st Floor Ground Level

8:00-10:00am  LIVE CASES – Santiago, UCLA, Chicago
Main Session – Marriott Grand Ballroom – 2nd Floor Lobby Level
Moderators: Carlos Pedra, Damien Kenny
Panelists: Satoshi Yasukochi, Jou-Kou Wang, Levent Saltik, Philip Roberts, Michel Ilbawi, Masood Sadiq

10:00-10:20am  Coffee Available – Exhibit Hall –
Pacific Ballroom 1st Floor Ground Level

10:20am-12:20pm  LIVE CASES – Santiago, UCLA, Chicago
Main Session – Marriott Grand Ballroom – 2nd Floor Lobby Level
Moderators: Ziyad Hijazi, John Cheatham
Panelists: Hala Almarsafawy, Jesus Damsky Barbosa, Hasri Samion, Mark Galantowicz, Gejun Zhang, Ozge Pamukcu

12:20pm  Exhibit Hall Closes

12:20-1:00pm  Lunch Available – Marriott Grand Ballroom Foyer – 2nd Floor Lobby Level

12:30–1:45pm  MY NIGHTMARE CASE IN THE CATH LAB
Main Session – Marriott Grand Ballroom – 2nd Floor Lobby Level
Moderators: Shakeel Qureshi, Damien Kenny

1:45pm  Closing Remarks – Ziyad M. Hijazi & Damien Kenny
Exhibit Passport Winner Announcement
Main Session – Marriott Grand Ballroom – 2nd Floor Lobby Level