

**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

6:45-8:15am

Breakfast Available
Americana Foyer – Second Level

6:30am-6:00pm

Registration
Rotunda – Second Level

10:00am-8:00pm

Poster Abstracts
Americana Foyer – Second Level

Morning Session

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

8:00am-1:00pm

Moderators: *Ziyad M Hijazi, John P. Cheatham*

8:00 – 8:15am

Welcome
Ziyad M Hijazi

8:15-8:45am

Keynote “TED-Style” Lecture
“From Septostomies to Stem Cells – What the
Next 50 years hold”
David Nykanen

8:50 – 10:30am

Oral Abstract Presentations I
Moderators: *Michael de Moor, John Bass,
Alexander Javois*

10:00am-4:00pm

***Leadership and Management in the Cath
Lab***
Leadership Seminar Presented by Bob Berk
Poinciana 1 & 2 Second Level

10:30 – 11:00am

Break – Coffee Available
Americana Foyer – Second Level

11:00am – 1:00pm	Oral Abstract Presentations II Moderators: <i>Levent Saltik, Redmond Burke, Larry Latson</i>
12:45-1:15pm	Lunch Available Americana Foyer – Second Level
Lunch Session	Americana Ballroom Salon 1&2, Second Level
1:10-2:00pm	Taped Cases Moderators: <i>Brent Gordon, Terry King</i> <i>Mayo Clinic – Allison Cabalka & Nathaniel Taggart</i> <i>Toronto – Mark Osten</i> <i>Stanford – Lynn Peng</i>
1:10-1:25pm	
1:25-1:40pm	
1:40-1:55pm	
Afternoon Session	Americana Ballroom Salon 1&2 Second Level
2:00-5:30pm	Moderators: <i>Thomas K Jones, William Hellenbrand</i>
2:00-3:30pm	Stenting in the 21st Century – How Far Have We Come...and How Far We Have Yet to Go... Moderators: <i>John Rhodes, Joaquim Miro</i>
2:00-2:10pm	Use of Registries to Examine Outcomes with Stenting – <i>Julie Vincent</i>
2:11-2:21pm	The Biomechanics of Stent Development - <i>Shyam Sathanandam</i>
2:22-2:32pm	Neointimal Ingrowth – Can we predict and prevent this? – <i>Felix Berger</i>
2:33-2:43pm	The Physiological Impacts of Stenting – Measuring Flow Dynamics – <i>Aimee Armstrong</i>
2:44-2:54pm	Bioresorbable Technology Is Here but is it Enough for CHD Patients? – <i>Dan Levi</i>
2:55-3:05pm	Stents and Tissue Engineering – Pie in the Sky or a Reality in the Next 20 Years? – <i>Massimo Caputo</i>
3:05-3:30pm	Discussion
3:30 – 4:00pm	Break – Coffee Available Americana Foyer Second Level

4:00 – 5:30pm	<i>FDA Town Hall and Device Development (Doug Villnave Session)</i> Moderators: <i>John Cheatham, Matt Gillespie, Vasum Peiris,</i>
4:00-4:10pm	Introduction – <i>Al Tower Jr</i>
4:11-4:21pm	Devices We Need – Developing a Bioresorbable Scaffold That Works For Our Population <i>Martin Bocks</i>
4:22-4:32pm	Devices Available Elsewhere – Challenges and Progress to Achieving Availability in the US <i>Evan Zahn</i>
4:33-4:43pm	Device Development: Current Challenges and How to Overcome <i>Thomas Forbes</i>
4:44-4:54pm	Early Feasibility Study Applicability to Pediatric Device Development <i>Nicole Ibrahim</i>
4:55- 5:05pm	Device Approval in Different Continents – Can we work together to Streamline Broader Approval Guidelines ? – Experience from Japan – <i>Teiji Akagi</i>
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 8:00am-1:00pm	Americana Ballroom Salon 1&2 – Second Level
8:00 – 8:15am	Update on Live Cases 2015 <i>Kiran Mallula</i>
8:15 – 10:30am	Live Cases: Saudi Arabia, Chile, Argentina Moderators: <i>Damien Kenny, Ziyad M Hijazi</i> Digital Moderators: Dan Gruenstein, Alexander Javois Panelists: <i>Carlos Zabal, Jou Kou Wang,</i> <i>Makram Ebeid, Alvaro Galindo</i>
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: <i>William Hellenbrand, Dan Levi</i> Digital Moderators: <i>Gareth Morgan,</i> <i>Kanishka Ratnayaka</i> Panelists: <i>Noa Holoshitz, Seong –Ho Kim,</i> <i>Petru Liuba, Tarek Momenah,</i>
12:45-1:15pm	Lunch Available American Ballroom Salon 3&4 – Second Level

Lunch Session

1:10-2:00pm

1:10-1:25pm

1:25-1:40pm

1:40-1:55pm

Afternoon Session

2:00-5:30pm

2:00 – 3:30pm

2:00-2:10pm

2:11-2:21pm

2:22-2:32pm

2:33-2:43pm

2:44-2:56pm

2:57-3:09pm

3:10-3:20pm

3:30 – 4:00pm

4:00 – 5:30pm

4:00-4:15pm

4:15-4:30pm

4:30-4:45pm

4:45-5:00pm

5:00-5:15pm

5:15-5:30pm

5:30-5:45pm

American Ballroom

Salon 1&2 – Second Level

Taped Cases

Moderators: *Richard Ringel, Jacqueline Kreutzer*

Cincinnati – Bryan Goldstein

Houston - Huie Lin and John Breinholt

Israel - Elchanan Bruckheimer

Americana Ballroom

Salon 1&2 – Second Level

Moderators: *Ralf Holzer, Cliff Kavinsky*

State of the Art - ASD Closure

Moderators: *Horst Sievert, Worakan Promphan*

Left Atrial Disengagement

Bharat Dalvi

The Malaligned Atrial Septum –

Implications for Closure and Complications

David Balzer

How Recent Erosion Data Has Changed My Practice –

Zahid Amin

Revisiting the Deficient IVC Rim Defect –

Which defects should we attempt?

Masood Sadiq

ASD Closure Exclusively with TEE –

Why and How? *Felix Berger*

ASD Closure in Children < 8Kgs – Indications and Techniques –

Jeremy Asnes

Transcatheter ASD Suture-mediated closure –

Current Status and Future Challenges

Anthony Nobles

Break – Coffee Available

Americana Ballroom

Salon 3&4 – Second Level

Complex Structural Interventions

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

6 Case Presentations

Allison Cabalka (Mitral Valve)

Issam Moussa (TAVR with Close Coronaries)

Roberto Cubeddu (TAVR – Valve-in-Valve)

Reda Ibrahim (Tricuspid Valve)

Michel Ilbawi (Hybrid Case)

Mansour AlJufan (Pulmonic in Native Outflow)

Discussion

Breakout Session

2:00 – 3:30 pm

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

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

Breakout Session

2:00 – 3:30pm

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

- 2:00 - 2:10 Call to order, general welcome
Nathan Taggart, MD - President)
- 2:10 - 2:40 “Program Development and Negotiation”
Dr. David Nykanen - (20 min talk, 10 min discussion)
- 2:40 - 2:55 “Innovations in Pulmonary Vein Stenosis” Dr. Ryan Callahan - (10 min talk, 5 min discussion)
- 2:55 – 3:10 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)
- 3:10 – 3:30 Case Presentation interactive session of toughest/most challenging/craziest case)
Michael Hainstock, MD

Breakout Session

4:00 – 5:45pm

Advances in Imaging Modalities to Guide Interventions

Poinciana 3&4

Second Level

Moderators: *Aimee Armstrong, Craig Fleishman*

4:00-4:10pm

Update on Fusion Imaging Modalities
Thomas Fagan

3-D Modeling Will Prove More Beneficial than Holography in Guiding Congenital Interventions in the next 10 Years

4:11-4:21pm

Pro: *Colin Mc Mahon*

4:22-4:32pm

Con: *Elchanan Bruckheimer*

Widespread Use of MRI Guided Interventions is a Reality in the Next 20 Years

4:35-4:45pm

Pro: *Kanishka Ratnayaka*

4:46-4:56pm

Con: *Daniel Gruenstein*

Ultrasound for Vascular Access Should be the Gold Standard

5:00-5:10pm

Pro: *Christopher Petit*

5:11-5:21pm

Con: *Zahid Amin*

5:25-5:35pm

Percutaneous Intervention of CASH: Alternative Non-fluoroscopic strategy (PAN procedure)
Xiangbin Pan

5:35-5:45pm

Discussion

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: <i>William Hellenbrand,</i> <i>John P Cheatham</i> Digital Moderators: <i>David Balzer, Darren</i> <i>Berman</i> Panelists: <i>Hideshi Tomita, Abe Rothman, Raul</i> <i>Rossi, Joshua Murphy</i>
10:15 – 10:45am	Break
10:45am – 1:00pm	Live Cases: New York, Dallas, Houston Moderators: <i>John Cheatham, Shakeel Qureshi</i> Digital Moderators: <i>Jeremy Asnes, Reda</i> <i>Ibrahim</i> Panelists: <i>Marco Papa, Charles Mullins, Wail</i> <i>Alkashkari, Pan Xin</i>
12:45-1:15pm	Lunch Available Americana Ballroom Salon 3&4 Second Level

Lunch Session

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

1:10-2:00pm

Taped Cases

Moderators: *Craig Fleishman, Lee Benson*

LA – Evan Zahn

Seattle – Brian Morray

Dublin – Damien Kenny & Kevin Walsh

1:10-1:25pm

1:25-1:40pm

1:40-1:55pm

Afternoon Session

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

2:00-5:30pm

Moderators: *Ralf Holzer, John Carroll*

2:00 – 3:30pm

Interventions Outside the Heart

Moderators: *Elchanan Bruckheimer, Mark*

Galantowicz

2:00-2:10pm

Airway Stenting for CHD patients: When and

How – Gareth Morgan

2:11-2:21pm

Use of Intraprocedural Brochoscopy to Assess

for Airway Compression During Interventions

Matt Gillespie

2:22-2:32pm

Interventions on the Lymphatic System –

Early Outcomes and Longer Term

Applicability – Yoav Dori

2:33-2:43pm

Interventions on the Portal System

K Sivakumar

2:44-2:54pm

Renal Artery Denervation Applicability to

CHD patients – Horst Sievert

2:55-3:05pm

Interventions for Middle Aortic Syndrome A

Worthy Venture or Futile Folly

Shakeel Qureshi

3:06-3:16pm

Transhepatic Liver Biospy in TCPC Patients –

When and How? Howaida El-Said

3:20-3:30pm

Discussion

3:30 – 4:00 pm

Break - Coffee Available

Americana Ballroom Salon 3&4

Second Level

4:00 – 5:30pm

Pushing the Boundaries

Moderators: *Damien Kenny, Evan Zahn*

4:00-4:10pm

Fetal Interventions – 25 years later....

Doff McElhinney

4:11-4:21pm

Closure of the Premature Duct – How small is

too small? Joaquim Miro

4:22-4:32pm

Assessing the Physiological Impact of our

Interventions – How Imaging May Help –

Lee Benson

4:33-4:43pm	The Optimal Catheter Interventions for Pulmonary Hypertension – Where and How Big - <i>Dietmar Schranz</i>
4:44-4:54pm	The Future of Managing Holes...From Bioresorbable to Histerotripsy <i>Marc Gewillig</i>
4:55-5:05pm	Advances in Surgical Techniques – Balancing the Viewpoint of the Fabled Perils of Surgical Intervention – <i>Sertac Cicek</i>
5:06-5:16pm	Assessing the Physiological Outcomes of our Interventions – Are we Underutilizing CPEX Testing? <i>Jonathan Rhodes</i>
5:20-5:30pm	Discussion

**Breakout Session
2:00 – 3:30pm**

Left Atrial Appendage and Mitral Valve Interventions

Poinciana 1&2 – Second Level

Moderators: *Roberto Cubeddu, Carlos Pedra*

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

Discussion

**Breakout Session
4:00 – 5:30pm**

Measuring and Reducing Risk in Collaboration with CCISC

Poinciana 3&4 – Second Level

Moderators: *Ralf Holzer, Thomas Forbes*

4:00-4:10pm	Data Capture and Registry Participation for QI and QA: There Is No “One Shoe Fits All” Solution - <i>Ralf Holzer</i>
4:11-4:21pm	Use of Registry Data to Support QI and QA Efforts (and how to achieve quality data entry): The CCISC Experience – <i>David Nykanen</i>
4:22-4:32pm	Beyond QI and QA: Use of Data for Marketing - Pitfalls and Opportunities – <i>Thomas Forbes</i>

4:33-4:43pm	Update on IMPACT: Let's Make an Impact on Device Approval – <i>Robert Vincent</i>
4:44-4:54pm	What Does the Future Hold: Integrating Surgical with Cath Data, Longitudinal and Multi-center Data Capture – <i>Jeff Jacobs</i>
4:55-5:05pm	It's Not Just About the Data: How To Achieve Transparency in Multi-center QI Initiatives – <i>Lisa Bergersen</i>
5:10-5:30pm	Discussion

**Breakout Session
3:45 – 5:45pm**

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

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***

9:30-9:40am

Moderators: *John Carroll and Thomas Jones*
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 Connors

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 – <i>JV DeGiovanni</i>
2:41-2:51pm	VSD Closure via the Retrograde Arterial Approach – <i>Thomas Jones</i>
2:52-3:02pm	PDA Stenting in Tetralogy-Variant Patients <i>Mazeni Alwi</i>
3:03-3:13pm	Hybrid Mitral Valve Replacement in Infants <i>Emile Bacha</i>
3:14-3:24pm	Hybrid Pulmonary Valve Replacement <i>Alistair Phillips</i>
3:25-3:35pm	The Hybrid Approach to HLHS <i>Mark Galantowicz</i>
3:36-3:46pm	Modalities to Support Large Sheath Advancement in RVOT Interventions <i>Mario Carminati</i>
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