



PICS-AICS

Pediatric and Adult Interventional Cardiac Symposium

LAS VEGAS 2015

POCKET GUIDE SYLLABUS



September 18-21, 2015

Aria

Las Vegas, NV

Published by

CONGENITAL CARDIOLOGY TODAY

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WELCOME TO PICS~AICS

Dear Colleague,

The Pediatric and Adult Interventional Cardiac Symposium – PICS-AICS 2015 is being held at the Aria Hotel, Las Vegas from September 18th-21st, 2015. The focus of this years meeting is on how we can overcome greater complexity through collaboration. Hence we have focused sessions outlining opportunities for greater integration with adult structural heart disease specialists and congenital surgeons. As well as integrating the new, we have endeavored to ensure the meeting continues to support open dialogue, as well as visual learning, along with updates from all the relevant trials and societies, with real opportunities for networking and sharing global clinical and research experience. We will continue to provide a professional, but relaxed atmosphere to support this fantastic learning opportunity with social gatherings to ensure friends can meet and enjoy catching up.

The live cases remain the focal point of the meeting. Live cases will be beamed from nine national and international venues with experienced operators that will demonstrate the latest in medical device technology using approved and investigational devices/valves/stents etc. The live cases this year will be transmitted live via satellite from Argentina, Saudi Arabia, Brazil, India, Las Vegas, Seattle, Columbus, Houston and San Diego.

This years meeting will be preceded by an *Imaging Symposium* on Thursday evening with discussions concentrated on advanced imaging platforms for cardiac catheterization.

On Friday September 18th, the morning will begin with Live Case Transmissions. We will continue with the popular Taped Case Sessions over Lunchtime with three taped cases presented and discussed on both Friday and Saturday. The afternoon sessions will include a session focused on QA/QI issues for the cath lab and also discuss new accreditation benchmarks that are evolving. Friday will finish with Oral Abstract Presentations with the best abstracts going forward to an abstract final presentation on Sunday Lunchtime.

On Saturday 19th September, live cases will be followed by a special collaborative joint session with the Congenital Surgeons discussing opportunities and obstacles for development of hybrid techniques. There will be a Structural Heart Breakout session entitled, "Innovations in Structural Heart Disease." There will be further breakout sessions for nurses and technologists and younger interventionalists who are establishing their practice as well as continuation of the special breakout for our Spanish speaking attendees.

Other popular sessions including: "My Nightmare Case in the Cath Lab" and "Meet the Experts" ensure opportunity for discussion and learning from each other's experiences. The final afternoon will provide a competitive feel as the girls will challenge the boys to a "Best Case" lunchtime session followed by a "Battle of the Continents," a quiz based session on all aspects of catheterization with the winner claiming global victory and dominance!

Poster Abstracts will be displayed throughout the meeting. We will continue to support younger interventionalists with the Young Leadership Program at PICS with the winner receiving faculty status and involvement in the meeting. We also wish to recognize those committed to research with "The Charles S. Kleinman, MD Scientific Scholarship Award" in memory of our dear friend Dr. Charlie Kleinman, who was so

PICS~AICS

close to the *PICS* family. The winner will receive a \$5,000 grant towards their research endeavor.

We welcome you to back to Las Vegas. Your participation is what makes the meeting the success that it is, and we look forward to learning with and from you.

Yours truly,

*Ziyad M. Hijazi and Damien Kenny
on behalf of Course Directors and Co-Directors*

Registration Hours		
Thursday	September 17	4-7 pm
Friday	September 18	6:30 am-6 pm
Saturday	September 19	6:30 am-6 pm
Sunday	September 20	6:30 am-6 pm
Monday	September 21	6:30 am-6 pm
All meetings for the PICS-AICS program are in the Aria Convention Center on Level 3		
<i>Ironwood 4 and 5 is the Main Session Ballroom Ironwood 2 and 3 and Ironwood 7 and 8 for Breakout Sessions Starvine 1 and 2 Level 3 (Nursing Breakout Session only)</i>		

***Check at the Reception Desk for
for last minute changes to the schedule.***



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Further, Together

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AGENDA ADVERTISER LISTING

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B. Braun Interventional Systems (Booth #507)	11, 28
Congenital Cardiology Today (Booth #207)	21
Digisonics, Inc. (Booth #607)	9
Medtronic (Booth #108)	5
NuMED (Booth #415)	7
PICS~AICS 2017	17, 23
PICS-CSI Asia	17, 27
Toshiba (Booth #401)	2

EXHIBITORS Will Be Available Throughout the Symposium in the Juniper Ballroom, Level 3

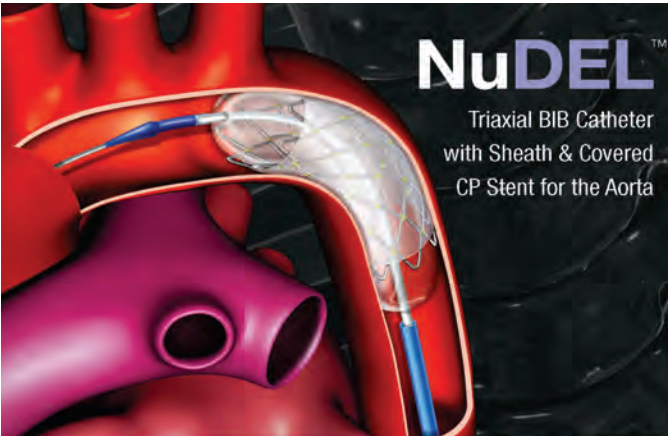
We encourage you to visit the exhibits.

This year we will be having an Exhibitor Passport Game for a chance to win an Apple Watch.

The object of the game is to completely validate your passport by visiting all the booths and getting a stamp.

Turn your completed Passport in at the Registration Desk

The drawing for an Apple Watch will be Monday, September 21st at 5:00 pm. The winner must be in attendance.

An anatomical illustration of the human heart and aorta. A blue catheter with a clear balloon is inserted into the aorta. Inside the balloon, a stent is visible. The stent has a zig-zag pattern. The text 'NuDEL' is in the top right corner.

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The PICS Foundation and PICS~AICS 2015 wish to gratefully thank the following exhibitors for their support of this year's program:

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PICS~AICS Also Thanks

- Congenital Cardiology Today
- Catheterization & Cardiovascular Interventions
- Lippincott, Williams & Wilkins
- Mended Little Hearts
- The Society for Cardiovascular Angiography and Interventions
- World Congress of Pediatric Cardiology & Cardiac Surgery

2015 Live Case Centers

- Private Hospital of Córdoba, Córdoba, Argentina
- KFSH&RC, Riyadh, Saudi Arabia
- Nationwide Children's Hospital, Instituto Dante Pazzanese De Cardiologia, São Paulo, Brazil
- Nanavati Superspecialty Hospital, Mumbai, India
- Rady Children's Hospital, San Diego, CA USA
- Sunrise Hospital & Medical Center and Sunrise Children's Hospital, Las Vegas, NV USA
- Nationwide Children's Hospital, Columbus, OH USA
- Seattle Children's Hospital, Seattle, WA USA
- Texas Children's Hospital, Houston, TX USA



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VISIT US AT PICS-AICS BOOTH #607

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Co-Directors: Damien Kenny, MD; Giacomo Pongiglione, MD; Clifford J. Kavinsky, MD, PhD; Ralf Holzer, MD; John D. Carroll, MD

Director Emeritus: William E. Hellenbrand, MD

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SHARING EXPERTISE

SEPTEMBER 17th - THURSDAY SESSION
Imaging Pre-Symposium

Rooms: Ironwood 1 and 2

6:00-8:00 pm - Innovations in Imaging for Congenital and Structural Heart Disease Interventions - Just How Far Can They Take Us? - Moderators: John P. Cheatham, Ziyad M. Hijazi

- Siemens
- Toshiba
- Philips

**Sign Up Now for the
3rd Annual PICS~AICS 5K RUN**

Sponsored by SIEMENS
Monday, June 9th - 6 am

**You'll be making a difference and supporting
CHIMS (Congenital Heart Intervention Mission Support)**

The \$30 donation includes:
Technical T-shirt (Men's & Women's), digital chip timing,
registration, finish line and post-race refreshments.

**All race packets can be picked up at
the Siemens booth #408
Saturday, September 19th, 8:00 am-5:00 pm**

PICS~AICS 5K start line location:
Courtyard between the Aria Lobby and the
Crystals shop entrance.

*The race will take place rain or shine.
All fitness levels are welcome!*

The 5K Run will be held on the beautiful property of Aria.
The 5K 2-loop course will start and finish near the lobby
area of the hotel.

Maps will be available at packet pick-up on Saturday
afternoon from 8:00 am-5:00 pm at the Siemens booth #408.

Registration: \$30.00 until Saturday, September 19th
@ 6:00 pm.

There will be no race-day registration

Come have some fun in the sun while doing something
healthy during the *PICS~AICS Symposium*.

TO REGISTER FOR THE RUN/WALK GO TO:

www.seashorestriders.com/race-schedule /3rd-annual-pics-aics-5k-run

6:30-8:00 am - Breakfast Available Foyer Level 3

10:00 am - 8:00 pm - Poster Abstracts - Juniper Ballroom Foyer Level 3

Rooms: Ironwood 4 and 5

8:00-8:10 am - Welcome - Ziyad M. Hijazi

8:10-8:20 am - Live Case 2014 Update – Kiran Mallula

8:25-10:30 am - Live Cases - (Riyadh, Córdoba, São Paulo) - Moderators: *Ziyad M. Hijazi, John P. Cheatham*
Digital Moderators: *Damien Kenny, Bryan Goldstein*
Panelists: *Carlos Zabal, Daniel Gruenstein, Alexander Javois, Seong-Ho Kim, Ali El-Halabi*

10:30-10:45 am - Coffee Available Foyer Level 3

10:45-12:45 pm - Live Cases - (Riyadh, Córdoba, São Paulo) - Moderators: *John Carroll, Thomas Jones*
Digital Moderators: *Alexander Javois, Reda Ibrahim*
Panelists: *Francisco Garay, Thomas Fagan, Makram Ebeid, Roberto Cubeddu, Maiy El Sayed, Nguyen Lan Hieu*

12:45-1:15 pm - Lunch Available Foyer Level 3

1:00-2:00 pm - Lunchtime Session - Taped Cases

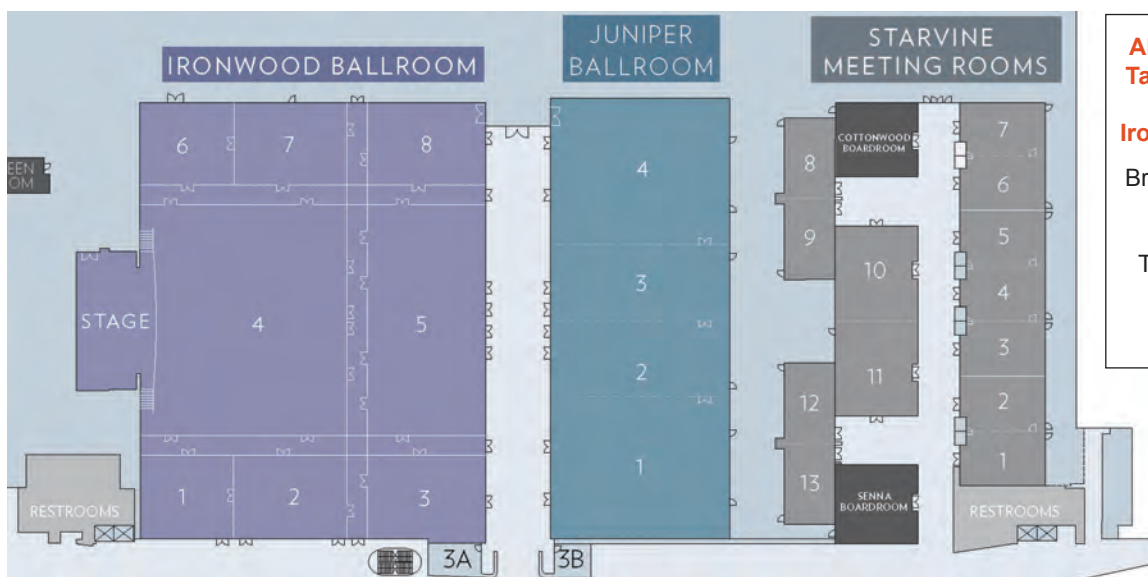
Moderators: *Dave Balzer, Aimee Armstrong*

- *Brent Gordon*
- *Bryan Goldstein*
- *Jeremy Asnes*

2:00-3:30 pm - Congenital and Structural Interventions - What We Can Learn from Each Other - Moderators: *John Carroll, Ziyad M. Hijazi*

- **Imaging:** Transesophageal Echocardiography - What the Congenital Guys Showed Me – *Rebecca Hahn*
- **Technique:** General Anesthesia, Blood Preservation, Hemostasis Devices, Transseptal Puncture, Dual Antiplatelet Therapy – *Clifford Kavinsky*
- **Physiology:** Measuring Shunts, Flows, or Just Taking the Path of Least Resistance? When and Why Make the Effort? – *Jamil Aboulhosn*
- **Devices:** Necessity as the Mother of Invention, From PDA Devices to the Ventricular Septum, the Left Atrial Appendage and Paravalvar Leaks – *Horst Sievert*
- **Stents / Advanced Angioplasty:** Thanks for Showing Us the Way – *Felix Berger*
- **Evolution:** Bonhoeffer to Cribrier; Why Everyone Wins. Our Shared Property Encourages Industry to Listen and Maintain R&D – *Thomas Jones*
- **Discussion**

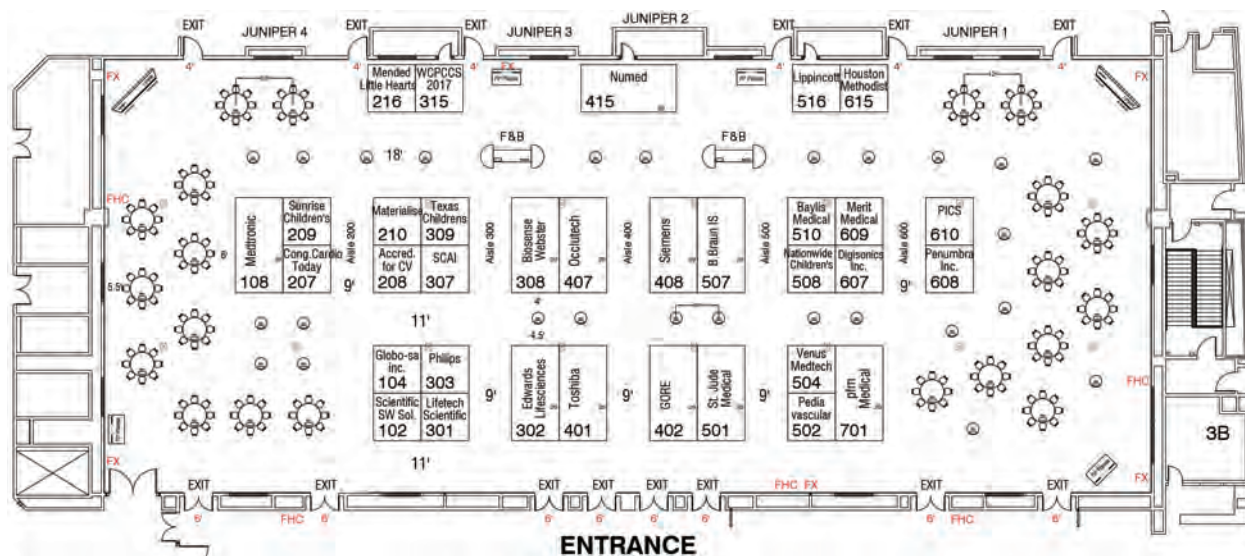
IRONWOOD & STARVINE LEVEL 3 MEETING ROOMS (TOP) & JUNIPER BALLROOM EXHIBITION (BOTTOM)



All PICS~AICS Sessions Will Take Place Level 3: Ironwood 4 & 5, Ironwood 2 & 3, Ironwood 7 & 8, Starvine 1 & 2

Breakfast, Breaks and Lunches will be in various locations based on day/time. These include: Floor Level 3, and the Juniper Ballroom.

See daily schedules



208 Accreditation For Cardiovascular Excellence

510 Baylis Medical

507 B. Braun Interventional Systems

308 Biosense Webster

207 Congenital Cardiology Today

607 Digisonics, Inc.

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502 Pediavascular

608 Penumbra, Inc.

610 The PICS Foundation

701 pfm Medical

303 Philips

307 SCAI

102 Scientific Software Solutions

408 Siemens

501 St. Jude Medical

209 Sunrise Hospital & Medical Center and Sunrise Children's Hospital

309 Texas Childrens Hospital

401 Toshiba

504 Venus Medtech

315 World Congress of Pediatric Cardiology & Cardiac Surgery 2017

SEPTEMBER 18th - PICS-AICS FRIDAY SESSION
Breakout Sessions

Rooms: Ironwood 7 and 8

2:00-3:30 pm - Breakout Session - QA/QI and Accreditation for the Cath Lab - Moderators: *Alexander Javois, Larry Latson, Ralf Holzer*

- **What Is Quality? Strategies for Quality Improvement and Assurance, National and International (One Shoe Does Not Fit All)** – *Ralf Holzer*
- **Accreditation for Congenital Cardiac Catheterization Laboratories - Will it Improve Quality?** – *Larry Latson*
- **IMPACT – We Are Listening!!** – *Robert Vincent*
- **C3PO – QI: Why Multicenter QI Initiatives Are Important** – *Lisa Bergersen*
- **QA in Developing Countries; How to Achieve High Quality with Limited Resources** – *Francisco Garay*
- **Putting It Together Locally: Real Patient Impact of QA/QI** – *Andrew Glatz*
- **Discussion**

Rooms: Ironwood 2 and 3

2:00-3:30 pm - PICES Breakout Session

Moderators: *Matthew Crystal, Jeff Delaney*

- **Welcome – Call to Order** – *Brent Gordon, President*
- **Bringing Holographic Imaging from Idea to the Cath Lab** – *Elchanan Bruckheimer*
- **Discussion**
- **Tracheo-Endobronchial Stenting** – *Gareth Morgan*
- **Discussion**
- **Research Update** – *Bryan Goldstein, VP - Research,*
- **New/Old Business - PICES Executive Committee** – *Gareth Morgan - Secretary, Matthew Crystal - VP Clinical*
- **Case Presentation 1** – *TBA*

3:15-3:45 pm - Coffee Available Foyer Level 3

Rooms: Ironwood 7 and 8

3:45-5:45 pm - Abstract Presentations

Room 1: Moderators: *John Bass, Girish Shirali, Marco Papa*

Rooms: Ironwood 2 and 3

Room 2: Moderators: *Teiji Akagi, Michael de Moor, JV DeGiovanni*

Rooms: Ironwood 4 and 5

5:50-6:25 pm - PICS Award

6:30-8:00 pm - Welcome Reception - Juniper Ballroom
Aria Convention Center Level 3
Exhibit Hall Open

SEPTEMBER 19th - PICS-AICS SATURDAY SESSION

6:30-8:00 am - Breakfast Available - Juniper Ballroom Level 3

8:00 am-6:00 pm - Poster Abstracts - Juniper Ballroom Level 3

Rooms: Ironwood 4 and 5

8:00-8:15 am - Special Lecture: Transcatheter ASD Closure - 40 Years Old! – Terry King

8:20-10:20 am - Live Cases - (Mumbai, San Diego, Las Vegas) - Moderators: *Giacomo Pongiglione, Eric Horlick, William Hellenbrand*

Digital Moderators: *Henri Justino, Daniel Gruenstein*

Panelists: *Mazeni Alwi, Jacek Bialkowski, Sertac Cicek, Jacqueline Kreutzer, Levent Saltik*

10:20-10:45 am - Coffee Break Juniper Ballroom Level 3

10:45am-12:45 pm - Live Cases (Mumbai, San Diego, Las Vegas) - Moderators: *Shakeel Qureshi, Mario Carminati, Damien Kenny*

Digital Moderators: *Daniel Levi, Lynn Peng*

Panelists: *Worokan Promphan, Kanishka Ratnayaka, Mark Reisman, Raul Rossi, Shyam Sathanandam*

12:45-1:30 pm - Lunch Available Juniper Ballroom Level 3

1:00-2:00 pm - Lunch Session - Taped Cases

Moderators: *David Nykanen, Julie Vincent, John P. Cheatham*

- *Mark Osten*
- *Christopher Petit*
- *Frank Ing*



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MARCH 3-5, 2016
DUBAI, UAE

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Rooms: Ironwood 4 and 5

2:00-5:30 pm - Joint Session with the Congenital Heart Surgeons – Building a Successful Hybrid Program – The Collaborative Approach - Moderators: Michel Ilbawi, Damien Kenny

- **Hybrid Approaches in CHD – A Slow Starter or Past Its Prime?**
 - **The Interventionalist's Viewpoint – Dietmar Schranz**
 - **The Surgeon's Viewpoint – Christopher Caldarone**
- **Cardiopulmonary Bypass – Myths and Truths**
– Massimo Caputo
- **“I Just Don't Like the Hybrid Room” – Lessons for the Future – Mark Galantowicz**
- **No Way In – Hybrid Approaches to Access the Heart in Neonates with Critical Outflow Tract Obstruction**
– Darren Berman
- **Periventricular VSD Closure – Pushing the Boundary – Zahid Amin**
- **Working Together – Are There Lessons to Be Learnt from the Heart Team Concept in Structural Heart Disease? – Roberto Cubeddu**
- **Exit Angiography – Is it Worth the Hassle? – Ralf Holzer**
- **Discussion and Break**
- **Pulmonary Valve Replacement – An Opportunity to Build**
 - **Interventional Perspective – Frank Ing**
 - **Surgical Perspective – Alistair Phillips**
- **Cases and Discussion:**
 - **Carotid Cutdown for Ductal Stenting in a Neonate with Duct-Dependent Circulation**
– Mazeni Alwi
 - **Periventricular Closure of Perimembranous Defects – Alexander Omelchenko**
- **Hybrid Interventions on the Pulmonary Arteries – When Can We Stent and When Should We Patch?**
– Sertac Cicek
- **Optimizing Decision-Making in Planning a Hybrid Procedure – Julie Vincent**
 - **Debate: The Hybrid Approach to HLHS Should Remain on the Reserves Bench – A Data Driven Debate and Discussion**
 - Pro: Michel Ilbawi
 - Con: Lee Benson
- **Discussion**

3:00-4:00 pm - Coffee Break Juniper Ballroom Level 3

Be sure to see the
CONGENITAL CARDIOLOGY TODAY
PICS~AICS Job Board Poster

Rooms: Ironwood 2 and 3

2:00-5:30 pm - Breakout Session - Innovations in Structural Heart Disease - Moderators: Robert March, Clifford Kavinsky, Ziyad M. Hijazi

- **Mitral Valve and the Left Atrial Appendage**
 - **Anatomy Wet Lab Demonstrations** – *Mark Reisman*
 - **Approval of the WATCHMAN...Are There Still Unanswered Questions?** – *Zoltan Turi*
 - **Next Generation Devices....Will Another Device Achieve FDA Approval Within 10 Years?** – *Saibal Kar*
 - **The Changing Landscape of Percutaneous Mitral Valve Repair** – *Horst Sievert*
 - **Percutaneous Mitral Valve Replacement: Where Will We Be in 5 Years?** – *Matt Gillespie*
- **Tricuspid Valve Disease**
 - **Anatomy Wet Lab Demonstrations** – *Mark Reisman*
 - **Case Presentation** – *John Carroll*
 - **Heterotopic Valve Replacement for Severe TR – Doomed to Fail or a Niche Market?** – *Hans Figulla*
 - **Percutaneous Tricuspid Valve Repair for Chronic Tricuspid Regurgitation: The Mitralign Device** – *Scott Lim*
 - **Trans-Atrial Intrapericardial Tricuspid Annuloplasty** – *Robert Lederman*
 - **The Current State of Valve-in-Valve Tricuspid Technology for Failed Bioprostheses** – *Doff McElhinney*

3:45-4:00 pm - Break

- **Aortic Valve Disease**
 - **Anatomy Wet Lab Demonstrations** – *Mark Reisman*
 - **Case Presentation** – *Adam Greenbaum*
 - **Prevention of Catastrophic Complications During TAVR Procedures** – *Robert March*
 - **Emerging Transcatheter Aortic Valve Technologies** – *Hans Figulla*
 - **TAVR for Aortic Regurgitation** – *Steve Bailey*
 - **Predictors for Early Discharge after TAVR** – *Christian Spies*
- **Patent Foramen Ovale/Paravalvular Leaks**
 - **Case Presentation** – *K. Sivakumar*
 - **FDA Approval: Is There Enough Evidence to Appeal for Limited Approval for PFO Closure in High-Risk Patient Subsets** – *Mark Reisman*
 - **Where Do We Stand with Percutaneous Treatment of Paravalvular Leaks?** – *Zoltan Turi*

SEPTEMBER 19th - PICS-AICS SATURDAY SESSION
Breakout Session

Rooms: Starvine 1 and 2 Level 3

2:00-5:30 pm - Breakout Session - Nursing and Associated Professionals - Moderators: Sharon L. Cheatham, Mary Heitschmidt, Kathleen Nolan

- **Quality and Safety in the Cath Lab** – Mary Heitschmidt
- **Simulation** – Elaine Sigalet
- **Transition from the Clinical Cath Lab to the Animal Lab** – Jason Swinning
- **Electronic Updates to Families Directly from the Cath Lab & OR** – Ashley Hodge

3:00-3:30 pm - Break

- **MRI-Guided Transcatheter Therapy** – Kanishka Ratnayaka
- **Percutaneous Transcatheter Valve in Valve Replacement** – Matt Gillespie
- **CT Surgeon's Role in Intervention in the Modern Day Cath Lab** – Mark Galantowicz
- **"Analyze This" – Interactive Session** (An interactive session with audience participation and prizes) – Kathleen Nolan, Jason Swinning

Rooms: Ironwood 2 and 3

5:35-6:35 pm - Meet the Experts

- **Room 1** – Michael Tynan, Mario Carminati

Rooms: Ironwood 7 and 8

- **Room 2** – Charles Mullins, Horacio Faella

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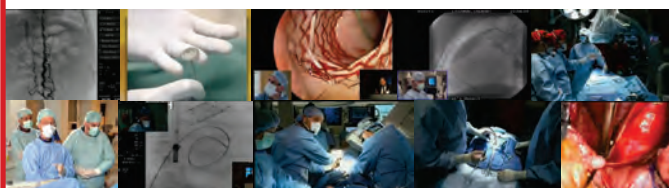
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- Percutaneous Pulmonary Valve Implantation
- Pulmonary Artery Rehabilitation
- Device Closure is Safe & Should be Continued
- Catheter Management in the Neonate
- Duct Dependent Lesions: Stent vs. Shunt
- Intervention in the Immediate Post-op Period
- The Edwards Valve
- Percutaneous Closure of the VSD
- Transcatheter Implant of a Melody Valve Watch - VSD Closure
- Covered Stent to Eliminate Fontan Baffle Leak & Stenosis
- Native Coarctation of Aorta - Stent Implantation
- Pulmonary Artery Flow Restrictors
- Transcatheter Valve
- Intra-operative PA Stent
- Perventricular Muscular VSD Device Closure
- Closure of Septal Defect Using Real Time 3D Echo Guidance
- Perventricular Membranous VSD
- Hybrid Stage I Palliation for HLHS PA Bands and PSA Stent
- Intraoperative Aortic Stent for CoA
- Intraoperative LPA Stent Using Endoscopic Guidance
- Creation of ASD after PA Bands & PDA Stent for HLHS in a Premie
- Perventricular Implant of Edwards Valve Stent in the Pulmonary Position
- Closure of Septal Defect Using Real Time 3D Echo Guidance
- High Frequency Ultrasound Creation of ASD
- PmVSD Closure
- Hybrid Stage I Palliation for Complex Single Ventricle in a 1.4 kg Neonate
- Transcatheter Implantation of Implantable Melody Valve
- Perimembranous VSD Closure with Amplatzer Membranous VSD Occluder
- Stent RPA, Pre-Stent Conduit & Melody Valve Implant
- Transeptal LHC Assessment of Residual Coarctation
- Coarctation Stenting Using a Covered CP Stent
- Closure of ASD Under ICE Guidance
- PFO Closure
- Transcatheter Closure of Atrial Septal Defect (ASD)
- Closure of ASD under TEE Guidance
- Transcatheter Closure of Moderate PDA
- Pulmonary Angioplasty
- Hybrid Stage Palliation
- ADOl or MVSD Closure of PDA
- VSD Closure Using a PDA Device
- Balloon Pulmonary Valvuloplasty
- Coil or Vascular Plug II closure of Coronary Fistula
- Device Closure of ASD
- Stent Placement Across Recurrent Coarctation
- Stenting RVOT on 7-day Old Newborn
- Transfemoral AVR for AS
- ASD Closure with Septal Occluder
- Stenting of Coarctation of Aorta
- Transapical AVR for Aorta Stenosis
- and more....

Presented by CONGENITAL CARDIOLOGY TODAY
and courtesy of the following International symposiums:

CSI ■ ISHAC ■ PICS ~AICS ■ Workshop IPC



6:30-8:00 am - Breakfast Available Juniper Ballroom Level 3

8:00 am-6:00 pm - Poster Abstracts - Juniper Ballroom Level 3

Rooms: Ironwood 4 and 5

8:00-9:30 am - Update on Clinical Trials - Moderators: Marco Papa, Robert Lederman, Damien Kenny

- **Device Development and EFS – Meeting Physicians Halfway – Nicole Ibrahim**
- **Atrial Decompression for Left Heart Failure – Hans Figulla**
- **PARCS and COAST II – Close to Covered Stents in the U.S.? – Richard Ringel**
- **Occlusion Device Studies – Update**
 - **St. Jude ASO – Zahid Amin**
 - **GSO – Scott Lim**
 - **NitOcclud – John W. Moore**
- **Left Atrial Appendage Occlusion – Saibal Kar**
- **MitraClip – Scott Lim**
- **Medtronic Self-Expanding PV – John P. Cheatham**
- **Advanta V12 Covered Stent – Elchanan Bruckheimer**

9:30-11:00 am - Congenital and Structural Interventions Over the Next 15 years - Moderators: Dan Levi, Damien Kenny

- **Keynote Lecture: Innovations at What Price? – Sir Magdi Yacoub**
- **Imaging and Interventions on the Lymphatic System In Complex CHD – Yoav Dori**
- **Bioresorbable Stents and Occlusion Devices – Progress Over the Next 15 Years – Dan Levi**
- **Advances in Stem Cell Technology - How It Will Benefit Us – Massimo Caputo**
- **Transcatheter Fontan Completion – Initial Experience and Future Advances – John P. Cheatham**
- **Transcatheter Systemic-Pulmonary Shunt in PAH – Will It Catch On? – Dietmar Shranz**
- **Treating Heart Failure in the Cath Lab – Applications for Congenital Heart Patients – Thomas Jones**
- **Holography – How It Will Shape Interventions in the Next 15 Years – Elchanan Bruckheimer**

11:10-11:30 am - Coffee Available Juniper Ballroom

Rooms: Ironwood 4 and 5

11:30 am-1:00 pm - Paying Attention to Access – The Gateway to the Heart - Moderators: Daniel Gruenstein, Thomas Fagan, Damien Kenny

- **Percutaneous Carotid Access in Infants for Interventional Procedures – Christopher Petit**
- **Vessel Rehabilitation – Feasibility and Techniques – Frank Ing**
- **Acute and Semi-Acute Arterial Ischemia Post Catheterization - Etiological Factors and Protocols for Management – Howaida El Said**
- **Simple Modifications for Successful Fontan Fenestration – K. Sivakumar**
- **Too Much Metal – Getting Around a Blockade in the Heart – Kevin Walsh**
- **Debate: Interventional Procedures Pre- and Post- CPB – There Should Be No Time Limits on Either**
 - Pro: Dan Gruenstein; Con: Zahid Amin

12:50-1:20 pm - Lunch Available Juniper Ballroom Level 3

1:00 2:00 pm - Lunch Session - Abstract Finals - Moderators: Michael de Moor, John Bass, Alexander Javois

2:00-3:30 pm - Current Controversies in Congenital Heart Interventions - Moderators: Giacomo Pongiglione, Roberto Cubeddu, William Hellenbrand

- **Palliation In Newborns with Tetralogy of Fallot: Infundibular vs. Ductal Stenting – JV DeGiovanni**
- **Complex Aortic Arch Narrowing: Stent vs. Surgical Treatment – David Nykanen**
- **Transcatheter ASD Closure – The Risk of Erosion with Some Devices Is Just Too High?**
 - Pro: John Rhodes; Con: Joaquim Miro
- **There Is a Place for Transcatheter Closure of Perimembranous and Subarterial VSD's – Kevin Walsh**
- **When Should We Close Aorto-Pulmonary Collaterals in Patients With A Single Ventricle? – Mark Fogel**

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SEPTEMBER 20th - PICS-AICS SUNDAY SESSION

Spanish Breakout Session

Rooms: Ironwood 2 and 3

2:00-3:30 pm - Spanish Breakout Session - Moderators:
Horacio Faella, Raul Rossi

- **Is Fetal Pulmonary Valvuloplasty Effective to Achieve a Biventricular Circulation After Birth?**
– *Simone Pedra*
- **PA and IVS: Long-term Outcomes after Neonatal Transcatheter Management** – *Francisco Garay*
- **TOF with PA. Role of Interventional Cardiology in the Current Era** – *Jacqueline Kreutzer*
- **Clinical Experience with Andrastents. Advantages and Pitfalls** – *Jacek Bialkowski*
- **Vascular Function after CoA Stenting** – *Carlos Pedra*
- **Erosions and Complications After ASD Closure. A LATAM Experience Beyond the ASO** – *Alejandro Peirone*
- **Tips and Tricks to Close the Large PDA from Infancy to Adulthood** – *Carlos Zabal*
- **Discussion**

3:30-4:00 pm - Coffee Available Juniper Ballroom

SUMMARY LIVE CASES AND OPERATORS

FRIDAY, SEPTEMBER 18TH

KFSH&RC, Riyadh, Saudi Arabia

(2 cases) - *Mansour Al-Jufan, MD; Fadel AlFadley, MD*

Private Hospital of Córdoba, Córdoba, Argentina

(2 cases) - *Alejandro Peirone, MD*

Instituto Dante Pazzanese de Cardiologia, São Paulo, Brazil

(2 cases) - *Carlos Pedra, MD*

SATURDAY, SEPTEMBER 19TH

Nanavati Superspecialty Hospital, Mumbai, India

(2 cases) - *Bharat Dalvi, MD; Prafulla Kerkar, MD*

Rady Children's Hospital, San Diego, CA USA

(2 cases) - *John W. Moore, Howaida El-Said*

Sunrise Hospital & Medical Center and Sunrise Children's Hospital, Las Vegas NV USA

(2 cases) - *Alvaro Galindo, MD; Abraham Rothman, MD*

MONDAY, SEPTEMBER 21ST

Nationwide Children's Hospital, Columbus, OH USA

(2 cases) - *Darren Berman, MD; Aimee Armstrong, MD*

Seattle Children's Hospital, Seattle, WA USA

(2 cases) - *Thomas Jones, MD*

Texas Children's Hospital, Houston, TX USA

(2 Cases) - *Henri Justino, MD*

Rooms: Ironwood 4 and 5

4:00-5:45 pm - Update on Valve Interventions in Congenital Heart Disease - Moderators: William Hellenbrand, Reda Ibrahim

- **The Melody Valve Reaches Adolescence. What Lessons Have We Learned and Where Do We Go From Here?** – John P. Cheatham
- **Endocarditis – Is It Valve, Substrate or Operator Driven?** – Julie Vincent
- **Update on Next Generation “Native” RVOT Valve Studies** – Ziyad M. Hijazi
- **Transcatheter Valve-in-Valve Interventions, Beyond the RVOT** – Doff McElhinney
- **Transcatheter Aortic Valve Therapy, A Primer for the Congenital Interventional Cardiologist** – Eric Horlick
- **Taped Case** – Qi-Ling Cao
- **COMPASSION - The Story so Far and Next Steps** – Damien Kenny
- **Discussion**

7:00-10:00 pm - PICS~AICS Dinner Event - Aria Palms Pool

CME, CNE and ASRT Evaluation/Certificate

PICS-AICS 2015 continuing education evaluations will be done online this year. After the conclusion of the meeting you will receive an email from the RUSH University Office of Interprofessional Continuing Education. To qualify for credit, you must complete a program evaluation. Once you complete this survey, you will receive your certificate of participation within one week. After successful completion of the online evaluation, you will receive a certificate of participation for a maximum of 35 CME or CNE credits, or 28 ASRT Category A credits. A certificate will be provided via email. If you have any questions please contact The Rush Office of Interprofessional Continuing Education at 312-942-7119



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The American Society of Radiologic Technologists has approved this activity for a maximum of 28 Category A credits. This activity is approved for credit by the ASRT. A complete list of faculty conflict of interest statements can be found in your registration packet. They are also available for viewing at the Registration Desk.

SEPTEMBER 21st - PICS-AICS MONDAY SESSION

6:30-8:00 am - Breakfast Available Juniper Ballroom

8:00 am-5:00 pm - Poster Abstracts - Juniper Ballroom Foyer Level 3

Rooms: Ironwood 4 and 5

8:00-9:45 am - Live Cases - (Columbus, Houston, Seattle)

Moderators: Carlos Pedra, Ziyad M. Hijazi

Digital Moderators: Matthew Gillespie, Michael de Moor

Panelists: Masood Sadiq, Tarek Momenah, Bryan Goldstein, Jou-Kou Wang, Hideshi Tomita, Jae Young Choi

9:50-11:10 pm - New Interventions in the Extremely Premature Infant - The Next Frontier - Moderators: Neil Wilson, Felix Berger, Evan Zahn

- **Cardiac Catheterization in Premature and Low Birth Weight Infants: Tips, Techniques, Complications and Results: Experiences-to-Date – Lee Benson**
- **A New Method for Transcatheter PDA Closure in Premature Infants Using Commercially Available Technology:**
 - The Cedars Sinai Approach – Evan Zahn
 - The St. Justine Approach – Joachim Miro
- **Experience with Hybrid Treatment of HLHS in Low Birth Weight Newborns – Alistair Phillips**
- **Imaging in Small Infants – Transthoracic Echocardiography Guided Interventions – Craig Fleishman**
- **Transcatheter Treatment of the Atretic RVOT in Low Birth Weight Newborns – Marc Gewillig**
- **When Things Go Awry...Cardiopulmonary Bypass Issues Specific to Premature and Low Birth Weight Newborns – Vincent Olshove**

11:15 am -12:55 pm - Live Cases - (Columbus, Seattle, Houston) Moderators: William Hellenbrand, Ralf Holzer

Digital Moderators: Julie Vincent, Shyam Sathanandam

Panelists: Yun-Ching Fu, Nathaniel Taggart, Wail Alkashkari, Thomas Doyle, Noa Holoshitz

12:45-1:30 pm - Lunch Available Juniper Ballroom

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SEPTEMBER 21st - PICS-AICS MONDAY SESSION

Rooms: Ironwood 4 and 5

1:00-2:00 pm - Lunch Session - The Girls “vs” The Boys
- **Most Innovative Approach** - Moderators: *Cliff Kavinsky, Sharon L. Cheatham*

- **Closing a Hole**: *Lynn Peng vs. John Bass*
- **Opening a Stenosis**: *Howaida El Said vs. David Balzer*
- **Replacing a Valve**: *Jacqueline Kreutzer vs. Mario Carminati*

2:00 pm - Exhibit Hall Closes

2:00-3:30 pm - My Nightmare Case in the Cath Lab
- Moderators: *Shakeel Qureshi, Neil Wilson*

3:30-4:00 pm - Coffee Available Foyer Level 3

3:45-5:00 pm - Battle of the Continents - Moderator:
Damien Kenny

- **Europe** – Captain: *Shakeel Qureshi*
- **North America** – Captain: *Lee Benson*
- **South America** – Captain: *Carlos Pedra*
- **Africa, Australia and Asia** – Captain: *Masood Sadiq*

5:00 pm - Closing Remarks

Exhibitor Passport Drawing (*Winner must be present*)

Best Poster Abstract Award

– *Ziyad M. Hijazii*

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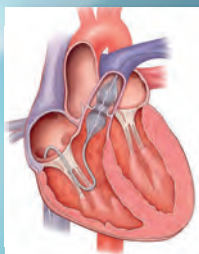
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