

**PICS 2022
SEPTEMBER 7-10
PROGRAM**

Tuesday September 6 **Registration will be open 4-7pm**
7th Floor Registration Desk

Wednesday September 7

Registration Open: 6:45am-6:00pm
7th Floor Registration Desk

Breakfast Available 7th Floor Grand Ballroom Foyer
6:45-8:15am

Poster Abstracts 7:00am-7:00pm
5th Floor Chicago Ballroom Foyer

Morning Session: General Session, Grand Ballroom – 7th Floor

8:00-8:15am Welcome – *Ziyad M Hijazi*

8:15-10:30am 1st Live Case Session
Moderators: *Damien Kenny, Ziyad M Hijazi*
Panelists: *Horacio Faella, Jeff Zampi, Emile Bacha,*
Shabana Shahanavaz, Brian Boe, Hasri Samion

LIVE CASE SITES:

Sidra Medicine, Doha Qatar
Ain Shams University, Cairo Egypt
Toronto General Hospital, Toronto, Canada

10:30-10:45am **Coffee Available – 7th Floor Grand Ballroom Foyer**

10:45am-12:45pm 2nd Live Case Session
Moderators: *Allison Cabalka, John Cheatham*
Panelists: *Ahmet Celebi, Raul Rossi, Robert Vincent, Lynn Peng,*
Michel Ilbawi, Vivian Dimas, Ali El-Halabi

LIVE CASE SITES:

Sidra Medicine, Doha Qatar
Ain Shams University, Cairo Egypt
Toronto General Hospital, Toronto, Canada

12:45-1:30pm Lunch Available – **7th Floor Grand Ballroom Foyer**

1:00-1:45pm **Lunchtime Taped Cases**
General Session, Grand Ballroom – 7th Floor

Moderators: *Phil Roberts, Henri Justino*

1:00-1:15 Taped Case – *Hideshi Tomita* **via ZOOM**

1:16-1:31 Taped Case – *Scott Lim*

Afternoon Session

2:00 – 4:00pm

Advanced 3D Imaging

General Session, Grand Ballroom – 7th Floor

Moderators: *Gregor Krings and Aimee Armstrong*

2:00-2:15 After A Decade of 3DRA, What's new? – *Mirella Molenschot*

2:16-2:31 CT Image Guidance for Transthoracic Pulmonary Vein Recanalization
Henri Justino

2:32-2:47 How I Use My Single Plane Lab – Taped Case- *Jeff Delaney*

2:48-3:03 How I integrate CT Into My Interventions – *Jenny Zablah*

3:04-3:19 Mass Shift in the Chest – Taped Case – *Gregor Krings*

3:20-3:35 Extended Reality: Today and Beyond – *Arash Salavitabar*

3:36-4:00 Discussion

Hands-On 3DRA Post-Processing Workstations and Instruction Available Throughout the Meeting

Canon – [Los Angeles conference room – 5th Floor](#)

Philips – [Miami conference room – 5th Floor](#)

Siemens – [Siemens Booth #103 – Exhibit Hall 5th Floor](#)

2:00-4:00pm **Things We Have Always Wanted In Our Toolbox That May Actually Almost Be Here... BREAKOUT SESSION**
Marriott Ballroom – 4TH Floor

Moderators: *Evan Zahn, Nicole Ibrahim*

2:00-2:15 Pediasent Bioabsorbable Infant Stent – *Dan Levi*

2:16-2:31 Bespoke PDA Stent – *Lynn Peng*

2:32-2:47 Minima Growth Stent – *Evan Zahn*

2:48-3:03 Surgical Pulmonary Valve Designed to be Expanded Over A Lifetime
Mark Galantowicz (implanted first-in-human)

3:04-3:19 Transcatheter Glenn – Case Presentation – *Stanimir Georgiev*

3:20-3:35 Why Physicians Should Pay Attention to Labeling – *George Van Hare*

3:36-3:51 Regulatory Considerations for New Technologies –
Rachel Neubrandner

4:00-4:30pm Coffee Available – **Grand Ballroom – 7th Floor Foyer**

4:30-6:00pm

Oral Abstract Presentation

Room 1: Grand Ballroom 7th Floor

Moderators: *Mazeni Alwi, John Cheatham*

Room 2: Avenue Ballroom 4th Floor

Moderators: *Howaida El-Said, Alejandro Peirone*

Room 3: Marriott Ballroom 4th Floor

Moderators: *Terry King, Jacqueline Kreutzer*

6:00-8:00pm

Welcome Reception – CHICAGO BALLROOM –5th Floor
Exhibit Hall Opens

Thursday September 8

- Registration Open:** 6:45am-6:00pm
7th Floor Registration Desk
- Breakfast Available** 6:45-8:15am
Exhibit Hall – Chicago Ballroom 5th Floor
- Moderated Poster Abstracts** 6:45-7:45am
5th Floor Chicago Ballroom Foyer
Moderators:
Vivian Dimas & Sharon Cheatham
Makram Ebeid & Olivier Ghez
- Poster Abstracts** 6:45am-6:00pm
5th Floor Chicago Ballroom Foyer
- Morning Session** **Grand Ballroom – 7th Floor**
- 8:00-8:15am Update on Live Cases 2021 – *Gurumurthy Hiremath*
- 8:15-10:30am 1st Live Case Session
Moderators: Carlos Pedra, Aimee Armstrong
Panelists: *Emile Bacha, Jenny Zablah, Matt Crystal, Dave Balzer, Zahid Amin, Kiran Mallula*
- LIVE CASE SITES:**
Rush University Medical Center, Chicago, IL
Lurie Children’s Hospital, Chicago, IL
Advocate Children’s Hospital, Oak Lawn, IL
- 10:30-10:45am David Cooper – World Congress 2023 Announcement
Grand Ballroom – 7th Floor
- 10:30-11:00am Coffee Available – **Exhibit Hall, Chicago Ballroom – 5th Floor**
- 10:45am-12:45pm 2nd Live Case Session
Moderators: *Dan Levi, Jacqueline Kreutzer*
Panelists: *Martin Bocks, Olivier Ghez, Ryan Callahan, Bharat Dalvi, Eimear McGovern, Juan Pablo Sandoval*
- LIVE CASE SITES:**
Rush University Medical Center, Chicago, IL
Lurie Children’s Hospital, Chicago, IL
Advocate Children’s Hospital, Oak Lawn, IL
- 12:45-1:30pm Lunch Available – **Exhibit Hall – Chicago Ballroom 5th Floor**

1:00-2:00pm **Industry Lunchtime Symposia – 4th Floor**
Medtronic – Avenue Ballroom
Abbott – Marriott Ballroom

Afternoon **Lymphatic Session – General Session**
Grand Ballroom – 7th Floor

2:00-5:30pm **Moderators:** *Christopher Smith, Sanjay Sinha, Yoav Dori*
Physiology of the Lymphatic System and Classification of
Lymphatic Diseases (45min)

2:00-2:15 Anatomy and Physiology of the Lymphatic System
Christoph Bauer

2:16-2:31 Imaging and Classification of Lymphatic Disease
Gur Mainzer (recorded)

2:32-2:47 Role of Interventional Cardiologists in Treating and Diagnosing
Lymphatic Disease – *Yoav Dori*

Pathophysiology and Treatment of Lymphatic Disease

Lymphatic Disease in Patients With Congenital Heart Disease

Overview of Diseases and Algorithms for Treatment

2:48-3:03 Chest (PB, CTX, pericardium) – *Petru Liuba*

3:04-3:19 Abdomen (PLE, ascites) -*Adam Kolesnik*

3:20-3:35 Multicompartment diseases -*Christopher Smith*

Congenital and Other Acquired Lymphatic Disease

3:36-3:51 Primary Disorders (CCLA, KLA, GLA, GSD, genetics) –
Michael Seckeler

3:52-4:07 Secondary Disorders (prematurity, outlet obstruction)
Catherine Tomasulo

Debate Topics

Thoracic Duct Decompression Surgical vs. Percutaneous

4:08-4:18 *Christian Kreuzer - Surgical*

4:19-4:29 *Jonathan Rome- Percutaneous*

TDE vs SLDE

4:30-4:40 TDE – *Suren Reddy*

4:41-4:51 SLDE – *Sanjay Sinha*

PLE Hepatic Approach vs Hepatic/periduodenal

4:52-5:02 PLE Hepatic Approach – *Marc Gewillig*

5:03-5:13 PLE Hepatic/periduodenal Approach – *Christopher Smith*

5:15-5:30pm Discussion

- 2:30-4:15pm** **Prevention is Better Than Cure – Avoiding Complications in the Cath Lab - BREAKOUT SESSION**
Marriott Ballroom – 4th Floor
Moderators: *Ralf Holzer, Lee Benson*
- 2:30-2:42 The Outcome is Founded Before A Case: Case Selection Criteria, Pre-procedural Risk Scoring, Patient Preparation, and Case Huddles
Ralf Holzer
- 2:43-2:55 Risk Mitigation In Congenital Cardiac Cath: What We Can Do During A Procedure To Minimize AE and Improve Outcomes – *Brian Quinn*
- 2:56-3:08 Balancing the Need For Training and Experience, With the Need to Minimize Potential Adverse Events - *Jonathan Rome*
- 3:09-3:21 The Interface Between Procedural Adverse Events and Procedural Efficacy: How To Avoid an Inverse Correlation – *David Nykanen*
- 3:22-3:34 When the Interventionalist Needs Help: Considerations for Surgical and ECMO Backup - *Emile Bacha*
- 3:35-3:47 Low Hanging Fruit: What has been proving to be most effective in reducing adverse events in resource limited environment?
Bharat Dalvi
- 3:48-4:00 Update on the International Congenital Catheter Laboratory Standards Guidelines Document *Ralf Holzer*
- 2:30-4:15pm** **PICES - BREAKOUT SESSION**
Avenue Ballroom – 4th Floor
Moderators: *Brian Boe, Varun Aggarwal, Rizwan Rehman*
Theme: “Un/less-familiar Territory” - Coronary Arterial Evaluation and Intervention
PICES Business Meeting: 25 min (Mentor award, Elections results)
Case presenter 1: 15 min (10 min presentation, 5 min questions)
Case presenter 2: 15 min (10 min presentation, 5 min questions)
Case presenter 3: 15 min (10 min presentation, 5 min questions)
- Invasive Evaluation of Coronary Arteries and Myocardial Bridges*
Lynn Peng 15 min (10 mins presentation, 5 min questions)
- Diagnostic and Therapeutic Approaches to Coronary Arterial Fistulas*
Srinath Gowda 15 min (10 mins presentation, 5 min questions)
- 4:00-4:30pm** **Coffee Available – Exhibit Hall – Chicago Ballroom, 5th Floor**

4:30-6:00pm Nuances of Newly Approved Devices – BREAKOUT SESSION

Marriott Ballroom – 4th Floor

Moderators: *Doff McElhinney, Bryan Goldstein*

- 4:15-4:27 I Picked the Wrong Size Piccolo Device! *Joaquim Miro*
4:28-4:40 I Couldn't Get That Cardioform ASD Occluder To Sit, Until I... *John Thomson*
4:41-4:53 My Most Challenging Harmony Cases - *Matt Gillespie*
4:54-5:06 Maybe I Should Have Sent This SVASD to Surgery
K. Sivakumar
5:07-5:19 Decision Making in Alterra Cases *Shabana Shahanavaz*
5:20-5:32 What I've Learned During Venus Implants *Worakan Promphan*
5:35-5:45 Discussion

4:15-5:45pm Spanish/Latin Session - BREAKOUT SESSION

Moderators: *Carlos Pedra, Gianfranco Butera,*

Juan Pablo Sandoval

Avenue Ballroom – 4th Floor

- 4:15-4:27 Crazy Little Things Pre, Intra and Post Fetal Aortic Valvuloplasty
Simone Pedra
4:28-4:40 Don't try this at home! New Alternatives for PV Implantation
Jose Zunzunegui
4:41-4:53 Pulsta Valve - The last or the latest Tango?
Alejandro Peirone
4:54-5:04 No grief no more Bob! strategies for growth of the right heart in PS with IVS and Critical PS – *Henri Justino*
5:05-5:17 Petit Little Patients: PDA Closure On Premies < 1500 gr
Sophie Milani
5:18-5:30 Italy is Out of World Cup but You Can Still Be A Striker With the New Bentley Stent. European Registry Data for COA
Gianfranco Butera
5:31-5:43 Don't cry for me Argentina: From Guillermo to Jackie. Intricacies of the Fontan Circulation! *Jacqueline Kreutzer*

6:00pm PICS Achievement Awards - General Session
7th Floor Grand Ballroom

Friday September 9

- Registration Open:** 6:45am-6:00pm
7th Floor Registration Desk
- Breakfast Available** 6:45-8:15am
Exhibit Hall – Chicago Ballroom 5th Floor
- Moderated Poster Abstracts** 6:45-7:45am
5th Floor Chicago Ballroom Foyer
Doff McElhinney & Bharat Dalvi
Elchanan Bruckheimer & Joaquim Miro
- Poster Abstracts** 6:45am-6:00pm
5th Floor Chicago Ballroom Foyer
- Morning Session** **Grand Ballroom –7th Floor**
- 8:00-8:15am Update on the PICS Society – Norm Linsky
- 8:15-10:30am 1st Live Case Session
Moderators: *Gregor Krings, Tom Jones*
Panelists: *Sunjay Kaushal, Seong Ho Kim, Shelby Kutty, Levent Saltik, Mirella Molenschot, Marco Papa, Alejandro Peirone*
Nationwide Children’s Hospital, Columbus, Ohio
Mayo Clinic, Rochester, MN
- 10:30-11:00am Coffee Available – **Exhibit Hall, Chicago Ballroom – 5th Floor**
- 10:30-11:20am Taped Case Session
Moderators: *Jae Young Choi & Sharon Borik Chiger*
Grand Ballroom – 7th Floor
- 10:30-10:45 Taped Case – Frank Ing
- 10:46-11:01 Taped Case – Lee Benson
- 11:02-11:17 Taped Case – Gareth Morgan
- 11:20am-12:45pm **2nd Live Case Session**
Moderators: *Ziyad Hijazi, Cliff Kavinsky*
Panelists: *Daniel Aguirre, Alain Fraisse, Luca Vricella, Brent Gordon, Eimear McGovern, Jae Young Choi*
Mayo Clinic, Rochester, MN
Nationwide Children’s Hospital, Columbus, Ohio
- 12:45-1:45pm Lunch Available – **Exhibit Hall, Chicago Ballroom –5th Floor**

Afternoon Sessions

- 2:00-3:30pm** **New Transcatheter Interventions for Fontan Patients**
General Session – Grand Ballroom – 7th Floor
Moderators: *Makram Ebeid, Tom Fagan*
- 2:00-2:12 Conduit Stenosis – How Prevalent is it and When Should We Intervene? *Eimear McGovern*
- 2:13-2:25 Evaluating and Treating AP Collaterals – Still No Consensus *Andy Glatz*
- 2:26-2:38 VV Connections – An algorithm For Closure in the Context of Fontan Associated Liver Disease – *Kiran Mallula*
- 2:39-2:51 Creating a Transcatheter Fontan Fenestration – Why and How *Marc Gewillig*
- Debate:** Fontan Fenestration Closure Should Be Avoided
- 2:52-3:04 Pro: *Howard Weber*
- 3:05-3:17 Con: *Alejandro Torres*
- 3:20-3:30 Discussion
- 3:45-4:15pm** Coffee Available – **Exhibit Hall, Chicago Ballroom, 5th Floor**
- 2:30-4:00pm** **Interventions Outside the Heart – BREAKOUT SESSION**
Marriott Ballroom, 4th Floor
Moderators: *Frank Ing, Jeremy Asnes*
- 2:30-2:42 Mid-aortic Syndrome - *K. Sivakumar*
- 2:43-2:55 Peripheral Veins Above and Below the Thoracic Cage
Frank Ing
- 2:56-3:08 3D Imaging of the Airway and Airway Stenting
Andrew Durward
- 3:09-3:21 The Hepatic/portal System – *Elchanan Bruckheimer*
- 3:22-3:35 Transjugular Liver Biopsy – *Howaida El-Said*
- 3:36-3:48 ECMO in the Cath Lab – *Vivian Dimas*
- 3:50-4:00 Discussion

4:00-5:30pm	Structural Interventions for the Congenital Patient – Its Coming Your Way Moderators: Cliff Kavinsky, Phil Moore General Session – Grand Ballroom – 7th Floor
4:00-4:12	TAVR for Bicuspid Aortic Valve Disease – Could this be the primary approach in the next 10 years? <i>Cliff Kavinsky</i>
4:13-4:25	Outside of Large Shunts in Younger Patients, Does PFO Closure Have Limited Clinical Benefit? <i>Cliff Kavinsky</i>
4:26-4:38	Impact of Early Mitral Valve Replacment in Young Patients with Congenital Heart Disease <i>Nicola Maschietto</i>
4:39-4:51	Update on ElectroSurgery – How is it likely to benefit congenital heart disease patients? <i>Robert Lederman</i>
4:52-5:04	LAA Occlusion in Patients With Congenital Heart Disease – Lifetime Strategies – <i>Kevin Walsh - recorded</i>
5:05-5:17	When a Transcatheter Valve Fails: The Key Issues with Valve-in-Valve as Treatment <i>John Carroll recorded</i>

4:15-5:45pm	Coarctation of the Aorta – From Newborn to Adulthood <u>BREAKOUT SESSION</u> – Marriott Ballroom, 4th Floor Moderators: Shakeel Qureshi, Mario Carminati
4:15-4:27	Stenting the Infant With Coarctation – <i>Carlos Pedra</i>
4:28-4:40	An Algorithm For Stent Choice in CoA – <i>Brian Morray</i>
4:41-4:53	Transverse Arch Stenting – <i>Darren Berman</i>
4:54-5:06	Treatment of Aneurysms Associated With Coarctation of the Aorta With Balloon Expandable Covered Stents - <i>Elchanan Bruckheimer</i>
5:07-5:19	How To Stent the Aorta Safely in the Older Adult – <i>Jose Luis Zunzunegi</i>
5:20-5:32	Self-expanding Stent Grafts – <i>Wail Alkashkari</i>

4:15-5:45pm	Nursing and Associated Professionals Breakout Session Avenue Ballroom – 4th Floor Moderator: Sharon Cheatham & Emily Kish
4:15-4:27	Risk Mitigation <i>Emily Kish</i>
4:28-4:40	Leadership - Building a Better Environment <i>Curtis Alford</i>
4:41-4:53	Interventions in ACHD <i>Jamil Aboulhosn</i>
4:54-5:06	3D Reconstruction <i>Gregor Krings</i>
5:07-5:19	Evolution of Stent Technology <i>Evan Zahn</i>
5:20-5:32	The PICS Society - Benefits of Membership <i>Norm Linsky</i>
5:33-5:45	Discussion

7:00-10:00pm	PICS Dinner “Untitled” Supper Club
---------------------	---------------------------------------

Saturday September 10

Registration Open: **7:00am-1:30pm**
7th Floor Registration Desk

Breakfast Available **7:00-8:15am**
Exhibit Hall – Chicago Ballroom 5th Floor

8:00-9:30am **ACHD - General Session – Grand Ballroom – 7th Floor**
Moderators: *Jamil Aboulhosn, Thomas Jones*

8:00-8:12 ACHD Catheterization Risk and Risk Mitigation –
Nathan Taggart

8:13-8:25 How to Perform the Reverse Potts Shunt
Younes Boudjemline

8:26-8:38 Simulation in ACHD Interventions – *Jamil Aboulhosn*

8:39-8:51 Integration of Advanced Imaging Platforms in ACHD Interventions –
Darren Berman

8:52-9:04 Difficult Decision Making in ACHD Interventions – *Jamil Aboulhosn*

9:05-9:17 Learning Curves With New Valve Technologies in the RVOT – We’re
Still Not There Yet – *Evan Zahn*

9:20-9:30 Discussion

8:00-9:30am **Dodging a Bullet – Good and Bad Decision Making**
BREAKOUT SESSION – Marriott Ballroom – 4th Floor
Moderators: *Jacqueline Kreutzer, Phil Moore*

8:00-8:12 Transcatheter Pulmonary Valve – *Mario Carminati*

8:13-8:25 Branch Pulmonary Artery Stent – *Francisco Garay*

8:26-8:38 COA Intervention – *Athar Qureshi*

8:39-8:51 PDA Stent – *Bryan Goldstein*

8:52-9:04 RVOT Stent – *Phil Roberts*

9:05-9:17 Pulmonary Vein Intervention – *Chris Petit*

9:20-9:30 Discussion

9:30-10:00am Coffee Available – **Exhibit Hall – Chicago Ballroom, 5th Floor**

10:00-11:30am **Transcatheter PMVSD Closure – The Jury is Still Out**
Moderators: *Terry King, Simone Fontes*
General Session – Grand Ballroom – 7th Floor

10:00-10:12 Imaging PMVSD – Can we Define Defect Characteristics that
Preclude Closure on TTE? *Craig Fleishman*

10:13-10:25 What Are The Outcomes of Transcatheter PMVSD Closure?
Worakan Promphan

10:26-10:38 Dealing With Aortic Valve Prolapse –
How Hard Can We Push? *Do Nguyen Tin*

10:39-10:51 How Small Is Too Small for Transfemoral PMVSD Closure?
Ahmet Celebi

10:52-11:04 What Is The Ideal Device Design for Transcatheter PMVSD Closure in
Small Infants and Why Isn’t Anyone Working On It! *Zahid Amin*

11:05-11:17 PMVSD Closure Should Remain A Surgical Procedure – *Olivier Ghez*
11:20-11:30 Discussion

10:00-11:30am **Taped Cases and Debates**
Moderators: *John Moore & Jeff Zampi*
Breakout Session – [Marriott Ballroom – 4th Floor](#)

10:00-10:15 **Taped Case – *Yoav Dori***

DEBATE: RV Volumes Are A Poor Indicator For Deciding When A Patient
Requires Pulmonary Valve Replacement

10:16-10:26 **Pro:** *Jamil Alboulhosn*

10:27-10:37 **Con:** *Gareth Morgan*

10:40-10:55 **Taped Case- *Shyam Sathanandam***

DEBATE: RVOT Stenting is the Optimum Palliative Strategy For
Symptomatic Neonates With Tetralogy of Fallot

10:56-11:06 Pro: *Lee Benson*

11:07-11:17 Con: *Luca Vricella*

11:18-11:33 **Taped Case – *Gianfranco Butera***

12:00pm **[Exhibit Hall Closes](#)**

11:40-1:10pm **My Nightmare Case in the Cath Lab – [General Session-
Grand Ballroom 7th Floor](#)**

Moderators: *Shakeel Qureshi, Damien Kenny*

1:10pm **Closing Remarks – [General Session Grand Ballroom 7th Floor](#)
[Exhibitor Passport Drawing](#)**