

PICS 2024 Program
SEPTEMBER 4-7
Marriott Marquis San Diego Marina

Wednesday September 4

7:45-8:00am Welcome – Ziyad M Hijazi

Morning Session:

8:00-10:00am

1st Live Case Session

Moderators: *Damien Kenny, Ziyad Hijazi*

Panelists: *Ahmed Al-Omrani, Marco Papa, Lynn Peng, Ali El-Halabi, Jeff Zampi, Mark Galantowicz*

- Pontificia Universidad Catolica de Chile, Santiago, Chile
- Nationwide Children's Hospital, Columbus, Ohio
- Children's Hospital of Los Angeles, Los Angeles, CA

10:00-10:30am Coffee Break

10:30am-12:30pm

2nd Live Case Session

Moderators: *William Hellenbrand, John Cheatham*

Panelists: *Amjad Mahmood, Sophi Guiti Milani, John Thomson, Robert Pass, Michel Ilbawi, Eric Horlick*

- Pontificia Universidad Catolica de Chile, Santiago, Chile
- Nationwide Children's Hospital, Columbus, Ohio
- Children's Hospital of Los Angeles, Los Angeles, CA

12:30-1:30pm Lunch Available

1:00-2:00pm

Industry Lunch Symposium – Gore

Main Session

Afternoon

2:00 – 4:00pm

Lymphatic Session - Breakout Session

Moderators: *Yoav Dori, Petru Liuba*

2:30 – 4:00pm

Whats New in Our Toolbox? - Main Session

Moderators: *Evan Zahn, Alejandro Peirone*

2:30-2:42

The Expanding Use of the AFR – Choosing the Right Size for Growing Patients – *Gianfranco Butera*

2:43-2:55

New Stent Designs for the Growing Patient – *Darren Berman*

2:56-3:08

Covered Stent Options for Interventional Treatment of SVASD
Kevin Walsh

3:09-3:21

What Should the Ideal PDA Stent Look Like and Are We Nearly There? *Dan Levi*

3:22-3:34

Transcatheter Fontan Completion – Do we need a dedicated device?
Lee Benson

3:35-3:47

Is Extended Reality the Future of Imaging for Intervention?
Jenny Zablah

3:50-4:00

Discussion

- 2:30-4:00pm ***PICES BREAKOUT SESSION***
Moderators: *Allen Ligon*
- 4:00-4:15pm Coffee Available
- 4:15-6:00pm ***Oral Abstract Presentations***
Room 1: Moderators: *Mario Carminati, Jacqueline Kreutzer*
Room 2: Moderators: *Lee Benson, Vivian Dimas*
- 6:00-8:00pm **Welcome Reception** – Exhibit Hall Opens

Thursday September 5

Morning Session

7:45-8:00am

Update on Live Cases 2023 - Gurumurthy Hiremath

8:00-10:00am

1st Live Case Session

Moderators: *John Cheatham, Thomas Jones*

Panelists: *Wail Alkashkari, Jeremy Asnes, Ahmet Celebi, Levent Saltik, Tacey Downing, John Nigro*

- Beth Israel Deaconess Medical Center, Boston, MA
- Cincinnati Children's Hospital, Cincinnati, OH
- Mayo Clinic, Rochester, MN

10:00-10:30am

Coffee Break

10:30a-12:30p

2nd Live Case Session

Moderators: *Ziyad Hijazi, Vivian Dimas*

Panelists: *Joshua Murphy, Hussam Suradi, Alex Javois, Hasri Samion, Glen Van Arsdall, Gejun Zhang, Fadi Bitar*

- Beth Israel Deaconess Medical Center, Boston, MA
- Cincinnati Children's Hospital, Cincinnati, OH
- Mayo Clinic, Rochester, MN

12:30-1:30pm

Lunch Available

1:00-2:00pm

**Industry Lunchtime Symposium – Edwards
Main Session**

Afternoon

2:30-6:00pm

ACHD – Main Session

Moderators: *Colum Owens, Maiy El-Sayed*

- 2:30-2:42 Joined Up Thinking – Are Interventions in the Pediatric Sphere Making ACHD Interventions More Challenging? *Dan Levi*
- 2:43-2:55 ASD Closure – What is the Cutoff for Using a Fenestrated Device in Adults? *Reda Ibrahim*
- 2:56-3:08 Stenting the Fontan – When Is This Required in Adults? *Nathan Taggart*
- 3:09-3:21 Collateral Closure in Adult Single Ventricle Patients – Leave Alone or Close? *Doff McElhinney*
- 3:22-3:34 Management Approaches for Aortic Atresia – *Mark Osten*
- 3:35-3:47 Large Bore Access in ACHD Patients – Early Closure vs Longer-term footprint – *Laith Alshawabkeh*
- 3:48-4:00 First Experiences with the Absorbable Memosorb Occlude – Horst Sievert

4:00-4:30pm

Coffee Available

ACHD Session continued

- 4:30-4:42 Structural Interventions in ACHD Patients – Whats new and who should be doing these? *Eric Horlick*
- 4:43-4:55 Is the Autus Valve the answer to lifetime management of the pulmonary valve? *Aimee Armstrong*
- 4:56-5:08 VSD Closure in Adults – 5 Tips Learned Over the Decades
Yun Chin Fu
- 5:09-5:21 Interventions in Patients with an Atrial Switch –
Do they influence longer-term outcomes? *Luca Vricella*
- 5:22-5:34 Complications with Catheterization in ACHD Patients – What
Does the Data Show and Should It Influence Our Approach?
Gareth Morgan
- 5:35-5:47 Training the Next Generation of ACHD Interventionalists –
What is the Optimum Model? *Jamil Aboulhosn*
- 5:50-6:00 Discussion

2:00-4:00pm

Great Debates – Breakout Session

Moderators: *Mansour Aljufan, Mark Galantowicz*

Neonatal Interventions Should be Considered to Delay Surgery to
Protect the Neonatal Brain

2:00-2:10 **Pro** *Gil Wernowsky*

2:10-2:20 **Con** *John Nigro*

2:20-2:30 Discussion, Q&A

Pre-procedural CTA Planning/reconstruction Makes 3DRA Obsolete

2:30-2:40 **Pro** *Shelby Kutty*

2:40-2:50 **Con** *Gregor Krings*

2:50-3:00 Discussion, Q&A

Primary Repair of Tetralogy of Fallot is the Better Longer-term
Strategy in Symptomatic Neonates

3:00-3:10 **Pro** *Glen Van Arsdall*

3:10-3:20 **Con** *Athar Qureshi*

3:20-3:30 Discussion, Q&A

Congenital Interventional Cardiology Training Guidelines are not
Comprehensive Enough to Deal with Increasingly Complex
Interventions

3:30-3:40 **Pro** *Matt Gillespie*

3:40-3:50 **Con** *Ralf Holzer*

3:50-4:00 Discussion, Q&A

4:00-4:30pm

Coffee Available

4:30-6:00pm ***Interventions in LBW Infants – Breakout Session***
Moderators: *Thomas Forbes, Bryan Goldstein*

4:30-4:42 Access to the Heart in Infants Less Than 2 kgs – Choosing Hybrid vs Standard Vascular Approaches – *Zahid Amin*
Complications of Premature PDA Occlusion and How to Avoid/manage these:
4:43-4:53 Device Embolization – *Frank Ing*
4:54-5:02 TV Damage – *Darren Berman*
5:03-5:13 Aortic/pulmonary Artery Obstruction - *Evan Zahn*

5:14-5:26 Back-up Support for PDA Stenting in LBW Infants – Institutional Protocols – *Chris Petit*

5:27-5:39 Complications in LBW Infants – Are We Getting Better? *Ralf Holzer*

5:40-5:52 3D Imaging in LBW Infants – How can it help? *Sebastian Goreczny*

5:52-6:00 Q&A

4:30-6:00pm ***Latin Session - Breakout Session***
Moderators: *Carlos Pedra & Gianfranco Butera*

4:30-4:42 Transcatheter Closure of PM VSD Near the Aortic Valve
Alejandro Peirone

4:43-4:55 Catheterization in Ebstein Disease. Why, When, How
Jacqueline Kreutzer

4:56-5:08 Rehabilitation of Extra Cardiac Conduits in Fontan Patients.
Are we pushing the envelope? *Marcelo Ribeiro*

5:09-5:21 Catheterization and Interventions Under MRI guidance.
An Italian Perspective *Micol Rebonato*

5:22-5:34 Borderline Indications for TPVR. Are the guidelines too strict?
Oliver Aregullin

5:35-5:47 Aortic and Renal Interventions in Takayasu/Mid Aortic Syndrome.
Diego Porras

5:50-6:00pm Q&A

6:00pm ***PICS Achievement Award***
Main Session

Friday September 6

Morning Session

7:00-7:45am

Moderated Posters

1. *Raul Rossi, Simone Fontes*
2. *Bryan Goldstein, Vivian Dimas*
3. *Alan Nugent, Lynn Peng*

7:45-8:00am

Update on the PICS Society – Norm Linsky

8:00-10:00am

1st Live Case Session

Moderators: *Shakeel Qureshi, Carlos Pedra*

Panelists: *Daniel Aguirre, David Balzer, Martin Bocks, Regina Bokenkamp, Jae Young Choi, Mark Galantowicz*

- Memphis Children's Hospital, Memphis, TN
- Johns Hopkins All Children's Hospital, St. Petersburg, FL
- Seattle Children's Hospital, Seattle, WA

10:00-10:30am

Coffee Break

10:30am-12:30pm

2nd Live Case Session

Moderators: *Evan Zahn, Aimee Armstrong*

Panelists: *Jeff Delaney, Maiy El-Sayed, Tom Forbes, Brent Gordon, Michel Ilbawi, Joshua Murphy, Mohammed Al-Hijji*

- Memphis Children's Hospital, Memphis, TN
- Johns Hopkins All Children's Hospital, St. Petersburg, FL
- Seattle Children's Hospital, Seattle, WA

12:30-1:30pm

Lunch Available

12:45-1:45pm

CCISC meeting

Marriott Ballroom 1&2

1:00-2:00pm

Industry Lunchtime Symposium – Medtronic Main Session

Afternoon

2:15-3:45pm

Coronary Artery Fistula - Breakout

Moderators: *Shakeel Qureshi, Bharat Dalvi*

2:15-2:27

Case presentations - Distal Fistula and Proximal Fistula
K Sivakumar

2:28-2:40

Guidelines for Fistula Closure - Are they appropriate?
Worakan Promphan

2:41-2:53

Complications Related to Device Closure – *Do Tin*

2:54-3:04

Complex Case with an Unusual Complication – *Horst Sievert*

3:05-3:17

Surgeons Perspective on Closure and Post-surgical
Expectations/complications – *Glen Van Asrdall*

3:20-3:45

Q&A

- 2:30-3:45pm ***Where is Technology Taking us in Congenital Interventional Cardiology? Main Session***
Moderators: *Matt Gillespie, Howard Weber*
- 2:30-2:42 Data Collection and Application –
Can we Learn from Others? *Ryan Callahan*
- 2:43-2:55 Advanced Imaging and CFD – Where Will This Ultimately Land?
Elchanan Bruckheimer
- 2:56-3:08 Personalised Medicine – Are regulatory hurdles too great for our field?
Diego Porras
- 3:09-3:21 Application of AI to Congenital Interventional Cardiology
Arash Salavitabar
- 3:22-3:34 Interventional Cardiac MR – 20 Years On and Still on the Periphery?
Suren Reddy
- 3:35-3:45 Q&A
- 2:15-3:45pm ***Follow-Up of Simple Lesions – Breakout Session***
Moderators: *Brent Gordon, Tom Fagan*
- 2:15-2:27 Long Term follow-up for Balloon Pulmonary Vavuloplasmy – Are we
getting better? – *Roymanee Supaporn*
- 2:28-2:40 Erosion Data – European, US and Japanese Experience
Hideshi Tomita
- 2:41-2:53 LPA Gradient Following PDA closure – When should we intervene?
Mansour AlJufan
- 2:54-3:04 LPA Stenting Pre-TCPC Completion – Does it make any difference?
Marc Gewillig
- 3:05-3:17 Balloon Dilation for Re-coarctation in Infants – Is this still the best
option with newer stent designs? – *Sachin Khambadkone*
- 3:18-3:30 How to follow the standard Fontan – MRI, CT, or 3DRA
Kiran Mallula
- 3:35-3:45 Q&A
- 3:45- 4:15pm ***Coffee Available***
- 4:00-5:30pm ***TPVR Session - Main Session***
Moderators: *Mark Galantowicz, Damien Kenny*
- 4:00-4:12 Lifetime Management with Conduits –
Are we still too myopic? *Younes Boudjemline*
- 4:13-4:25 When to Intervene on the TV in the Setting of Pulmonary Valve
Dysfunction? *Jamil Aboulhosn*
- 4:26-4:38 Self-expanding vs Balloon Expandable for Pulmonary Waist of 27mm
Shabana Shahanavaz
- 4:39-4:51 From Famine to Feast – How Many Self-expanding Pulmonary Valve
Platforms Do We Realistically Need? *Elchanan Bruckheimer*
- 4:52-5:04 Niggling Problems with tPVR – From Coronaries and Rupture to
HALT and Arrhythmia – What does the next 10 years hold?
Evan Zahn
- 5:05-5:17 Lifetime management of Pulmonary Valve Disease – how can we
achieve the least number of interventions without morbidity and
mortality? *Marc Gewillig*

- 4:00-5:30pm ***Use of RF Energy Within the Heart – Breakout Session***
Moderators: *David Nykanen, Henri Justino*
- 4:00-4:12 RF Vs Needle for Accessing the Pulmonary Venous Atrium – When and Why – *Joaquim Miro*
- 4:13-4:25 Have CTO Wires Reduced the Need for RF Energy in CHD Patients? *Alan Nugent*
- 4:26-4:38 Electrosurgery Techniques in Adult Structural Disease – *Saibal Kar*
- 4:39-4:51 Best approaches for perforating the IVC-PA Conduit in SV Patients – *Jonathan Rome*
- 4:52-5:04 Recrossing the Atrial Septum Following Device Closure – Techniques and Should it Influence Our Approach to ASD Closure in the Future – *Alejandro Torres*
- 5:05-5:17 EP Studies and “VT” Ablation pre tPVR – are we trying to be too clever? *Robert Pass*

- 4:00-5:30pm ***Nursing and Associated Professionals Breakout Session***
Moderators: *Sharon Cheatham, Emily Kish*
- 4:00-4:12 From Awareness to Action: Mitigating Complications in the Cath Lab *Veronica Zitterman*
- 4:13-4:25 Virtual Simulation Versus 3D Printing of the Anatomical Model for Complex Lesions – *Arash Salavitabar*
- 4:26-4:38 Balancing Cath Lab Inventory With the Cost of Increased Technology *Emily Kish*
- 4:39-4:51 Around the World With Valve Technology – *Dan Levi*
- 4:52-5:04 Hemodynamics: Understanding the Numbers – *Ileen Cronin*
- 5:05-5:17 Positive Vibes Only: Strategies for a Healthy Work Culture – *Terry Alford*
- 5:18-5:30 Q&A

Saturday September 7

- 8:00-9:30am **Managing High Flow Lesions in Smaller Infants**
Moderators: *Simone Fontes, Mansour AlJufan*
- 8:00-8:12 Flow Restrictors Within the Heart – Lessons Learned and Future Options – *Dietmar Schranz*
- 8:13-8:25 Transcatheter VSD Closure in Children < 6kgs – *K Sivakumar*
- 8:26-8:38 The Large PDA in a 4kg Symptomatic Infant – Knowing Our Limits
Alain Fraisse
- 8:39-8:51 Is widespread acceptance of echo guided closure procedures likely in the next 10 years? *Craig Fleishman*
- 8:52-9:04 Porto-systemic Shunts in Smaller Infants – What Options Exist?
Henri Justino
- 9:05-9:17 Larger Devices in Small Children - How large can we go?
Masood Sadiq
- 9:17-9:30 Q&A
- 9:30-10:00am **Coffee Available**
- 10:00-11:30am **Taped Cases**
Moderators: *Larry Latson, Craig Fleishman*
- 10:00-10:20 Mayo – *Jason Anderson*
- 10:21-10:41 Transcatheter Fontan – *Damien Kenny*
- 10:42-11:02 PDA Stenting – *Athar Qureshi*
- 11:03-11:23 Pulsta Valve – *Seong-Ho Kim*
- 11:30am-1:00pm **Nightmare Cases**
Moderators: *Shakeel Qureshi and Matt Gillespie*
- 1:00pm Closing Remarks