



**PICS Society**



# POCKET GUIDE PICS 2024 SAN DIEGO

**MARRIOTT MARQUIS – SAN DIEGO MARINA  
SEPTEMBER 4–7, 2024**



**Focusing on the latest interventional catheter strategies for congenital and structural heart disease in children and adults.**

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## CCT Appreciates the Support of the Pocket Guide Sponsors



Edwards

In welcoming everyone to the *PICS Society's 23<sup>rd</sup> Annual Symposium*, PICS Founder Dr. Ziyad M. Hijazi announced that the PICS Foundation was transforming into the PICS Society, the first global home for doctors, nurses and technologists dedicated to interventional treatment of Congenital Heart Disease (IC CHD). While the Symposium would continue as the flagship event, he set the bar for your new Society to do more—much more.

As The PICS Society begins its fifth year—and as we welcome you to *PICS Symposium #27*—let us take a look at what we have done and where we are going. Dr. Hijazi set some ambitious goals; we have accomplished a lot, and there's much more to come. Here is a baker's dozen of highlights past, present and future.

**The PICS Symposium:** The annual *PICS Symposium* is your Society's premiere activity, the leading global event for your profession. Live cases, keynote lectures, hands-on workshops, focused sessions, abstracts and an educational exhibit hall provide “news you can use” on your return home. *(Thank you Drs. Ziyad Hijazi, Damien Kenny, the Program Committee, 3Di3 Chairs Drs. Aimee Armstrong & Gregor Krings, the world class faculty, and staff lead Kimberly Ray, RN).*

**Rapidly Expanding Membership:** In a short time, PICS has become the “must join” membership society for your profession, serving as YOUR collective voice to policymakers, within the house of medicine and to the public. Next goal: increase public awareness of the amazing work you do, and your dedication to learning, teaching and striving for the highest quality of care. *(Thank you Drs. Lee Benson, Allison Cabalka, Jae Young Choi, Sir Dr. Shakeel Qureshi, Michaeleen Wallig and Dana Kichka).*

**Clinical Guidelines by You, for You:** Few if any activities are more important than clinical guidelines—prepared by those best experienced with the science and dedicated to the patient's best interests. PICS Quality Committee Chair Dr. Ralf Holzer led a PICS-coordinated effort to produce the first clinical consensus statement on cardiac cath for pediatric patients and adults with CHD. A massive undertaking involving several societies and 60+ writers and reviewers, this serves as the definitive framework for quality in your profession. Next up (also led by Dr. Holzer): indications for interventional treatment of CHD, plus other documents determined by Guidelines Committee chair/co-chair Drs. Athar Qureshi and Tom Fagan.

**ACHD Interventional Treatment:** Under Chair Dr. Jamil Aboulhosn, the ACHD Committee has an ambitious agenda of advocacy, education and guidelines. Now underway: a training



directors global survey led by Dr. Gabriele Egidy Assenza to define future educational programs and training frameworks.

**PICS-IPC Istanbul:** In 2023 and 2024, PICS partnered with the renowned IPC meeting (Dr. Mario Carminati) and the Turkish Society/Association of Pediatric Cardiology & Cardiac Surgery (Dr. Ahmet Çelebi) to bring key elements of the PICS Symposium to audiences in Asia, Europe and the Middle East. The highly successful PICS-IPC Istanbul meeting will again be offered in 2026.

**Professional Education:** Education Chair Dr. Dan Levy and his committee have charted an ambitious plan for professional education. Much has been accomplished: expanded online video resources, timely webinars, a deep library of online talks. A prime example is our rapidly growing library of *Tips & Tricks* that can help you in the lab every day. *(Thank you to Senior “Tips” Editors Drs. Guru Hiremath, Sarosh (Shawn) Batlivala, Associate Editor Dr. Kamel Shabbani and Consulting Editor Dr. Jacqueline Kreutzer).*

**The PICS / CCISC DocMatter Community:** Now one of PICS' most valued membership benefits, your DocMatter online Community has become the leading global “marketplace of ideas” to discuss challenging cases, research, emerging devices and much more. The Community is free to PICS members thanks to visionary unrestricted support from B. Braun Interventional Systems, Inc. and NuMED for Children. Thanks also go to CCISC Founder Dr. Tom Forbes and to the terrific DocMatter team.

**Engagement with Policymakers:** One of the most serious challenges to your profession are policies hampering innovation and introduction of safe, effective devices. In the U.S. and Japan progress has been made, while in Europe the new Medical Device Regulations (MDR) are of deep concern. In all instances, much work lies ahead—your collective voice IS heard. (PICS Advocacy Chair Dr. Evan Zahn and Co-Chair Dr. Sarosh [Shawn] Batlivala)

**Nurses and Allied Health Professionals (NAHP) Committee:** Emily Kish (Chair) and Co-Chairs Curtis Terry Alford, Ileen Cronin and Veronica Zitterman have expanded the membership and activities of this vital committee. Numerous educational activities are planned for Symposium 2024 and beyond.



**Early Career Committee:** One of PICS' most active groups (Chair Dr. Aimee Armstrong & Co-Chair Dr. Gianfranco Butera), this committee completed the first global survey of training directors (thank you Dr. Varun Aggarwal). The survey identified the need for mentoring following completion of formal training. In response Drs. Butera and Armstrong designed the new PICS Early Career Development Academy, a two-year program to provide mentoring via didactics, hands-on training, and team research projects. Watch for an announcement in 2025 for the next application cycle.

**New Publishing Partners:** Thank you Mrs. Kate Baldwin (CCT Editor-in-Chief) for CCT serving as PICS' Official News & Information partner! Thank you Dr. Karim Diab, Publisher of Pediatric Cardiology Journal (now the official journal of the PICS Society). Both are free to all PICS members.

**Social Media and Patient Advocacy:** PICS is now much more active on LinkedIn, Instagram and X (formerly twitter) thanks to Senior Patient Advocate Ms. Natalie Poli and Dr. Kamel Shibbani. Follow us!

**Industry Partners:** PICS expresses continued appreciation to our valued industry partners, who share our vision of innovating to provide the safest, most effective care to the patients we are honored to serve.

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PICS Society



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[www.picsymposium.com](http://www.picsymposium.com)

[www.CHDinterventions.org](http://www.CHDinterventions.org)

## Accreditation

Please refer to the PICS website and the PICS Registration Desk for more information about CME/CNE/ASRT credits and learning objectives, [www.picsymposium.com](http://www.picsymposium.com)



# Acknowledgements

The PICS Society wishes to gratefully thank the following exhibitors for their support of this year's program:

## Platinum

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# Acknowledgements

The PICS Society wishes to gratefully thank the following for their support of this year's program via unrestricted educational grants:

## Educational Grants

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## PICS Also Thanks

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## 2024 Live Case Centers

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## Guest Faculty

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Gregory Adamson, MD  
Varun Aggarwal, MD  
Daniel Aguirre, MD  
Mohammed Al-Hijji, MD  
Ahmed Al-Omrani, MD  
Terry Alford, PNP  
Mansour AlJufan, MD  
Wail Alkashkari, MD  
Laith Alshawabkeh, MD  
Zahid Amin, MD  
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Jeremy Asnes, MD  
David Balzer, MD  
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John Cheatham, MD  
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Ileen Cronin, ARNP  
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Thomas Forbes, MD  
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Jacqueline Kreutzer, MD  
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Dan Levi, MD  
Allen Ligon, MD  
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Petru Liuba, MD  
Amjad Mahmood, MD  
Gur Mainzer, MD  
Kiran Mallula, MD  
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Joaquim Miro, MD  
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Brien Morray, MD  
Joshua Murphy, MD  
Rachel Neubrandner, MD  
John Nigro, MD  
Alan Nugent, MD  
David Nykanen, MD  
Mark Osten, MD

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Neil Patel, MD  
Carlos Pedra, MD  
Alejandro Peirone, MD  
Lynn Peng, MD  
Christopher Petit, MD  
Diego Porras, MD  
Worakan Promphan, MD  
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Shakeel Qureshi, MD  
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Jonathan Rome, MD  
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Gil Wernovsky, MD  
Jennifer Zablah, MD  
Evan Zahn, MD  
Jeff Zampi, MD  
Gejun Zhang, MD  
Veronica Zitterman, PNP

## Course Directors

### Directors

Ziyad M. Hijazi, MD  
John Cheatham, MD  
Damien Kenny, MD  
Daniel Levi, MD  
Carlos Pedra, MD  
Evan Zahn, MD

### Co-Directors

Darren Berman, MD  
Gianfranco Butera, MD  
Allison Cabalka, MD  
Vivian Dimas, MD  
Matt Gillespie, MD  
Ralf Holzer, MD  
Frank Ing, MD  
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Alejandro Peirone, MD  
Gejun Zhang, MD

### 3DI3

Aimee Armstrong, MD  
Gregor Krings, MD

### Director Emeritus

William Hellenbrand, MD  
Thomas Jones, MD

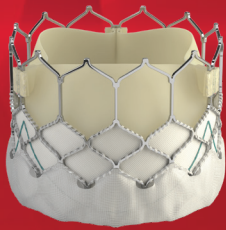
### Early Career/Fellows

Gareth Morgan, MD  
Shabana Shahanavaz, MD

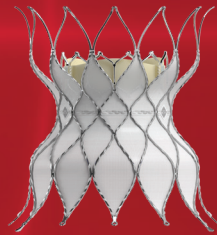




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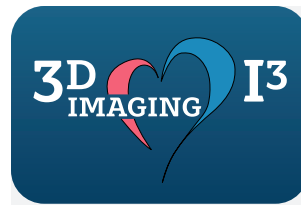
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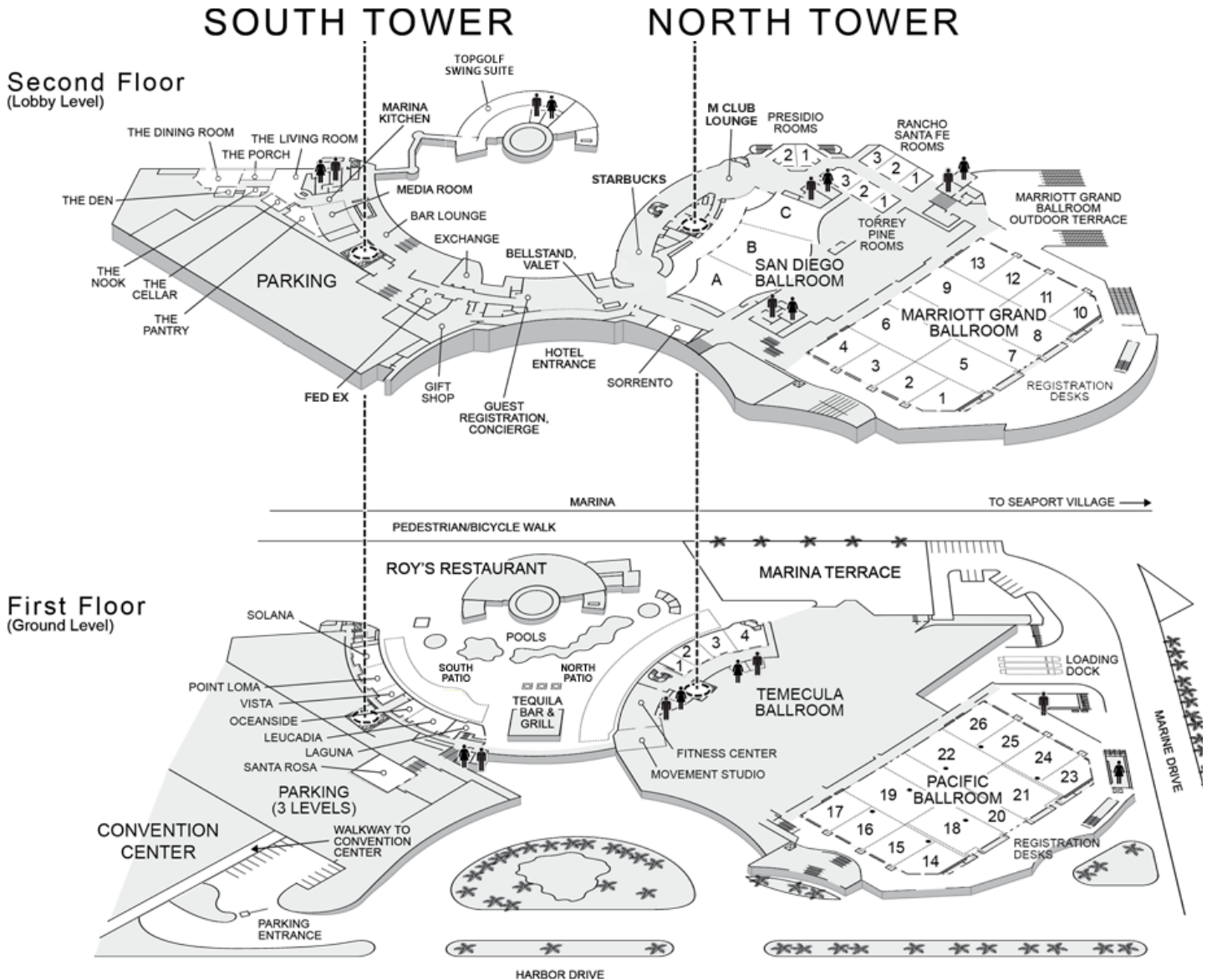
Canon – Pacific Ballroom #15  
Philips – Pacific Ballroom #16  
Siemens Healthineers – Pacific Ballroom #14



# Hotel Floor Plan

# Hotel Floor Plan

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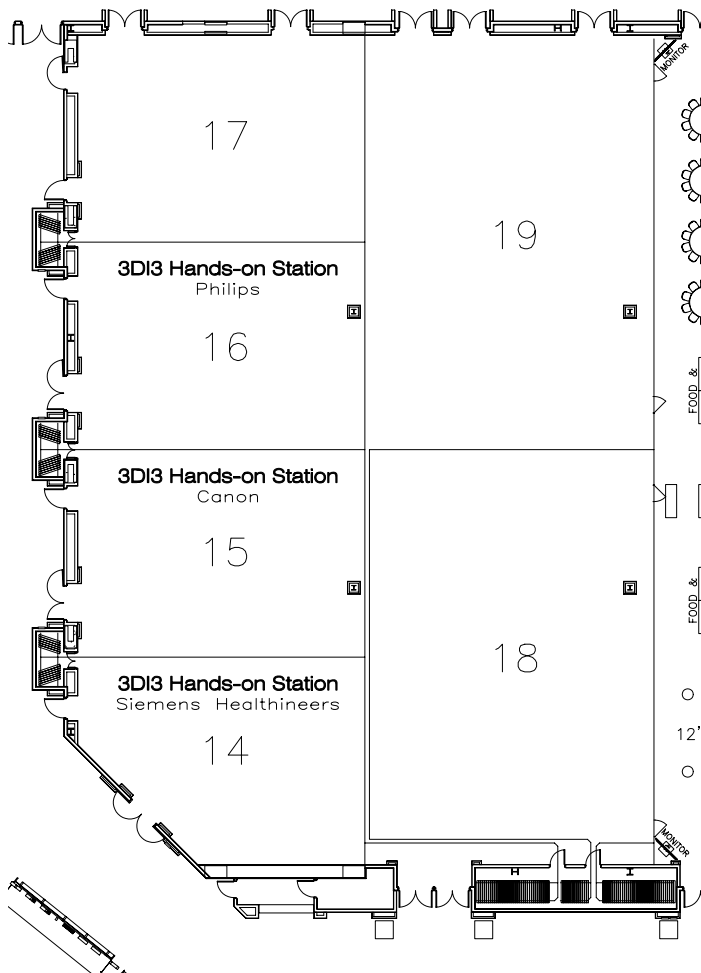
# Exhibitor Information

Abbott	307	Cook Medical	218
Apex Medical AI	212	Edwards	
AndraTec GmbH	112	Lifesciences	202
Balt	409	GORE	310
Baylis Medical Technologies, Inc.	208	Medtronic	302
B. Braun Interventional Systems Inc.	408	Merit Medical	217
Camp del Corazon	215	NuMED for Children	416
Congenital Cardiology Today	216	Penumbra, Inc.	108
		pfm Medical	118
		Philips Healthcare	407
		Rady Children's Hospital	411

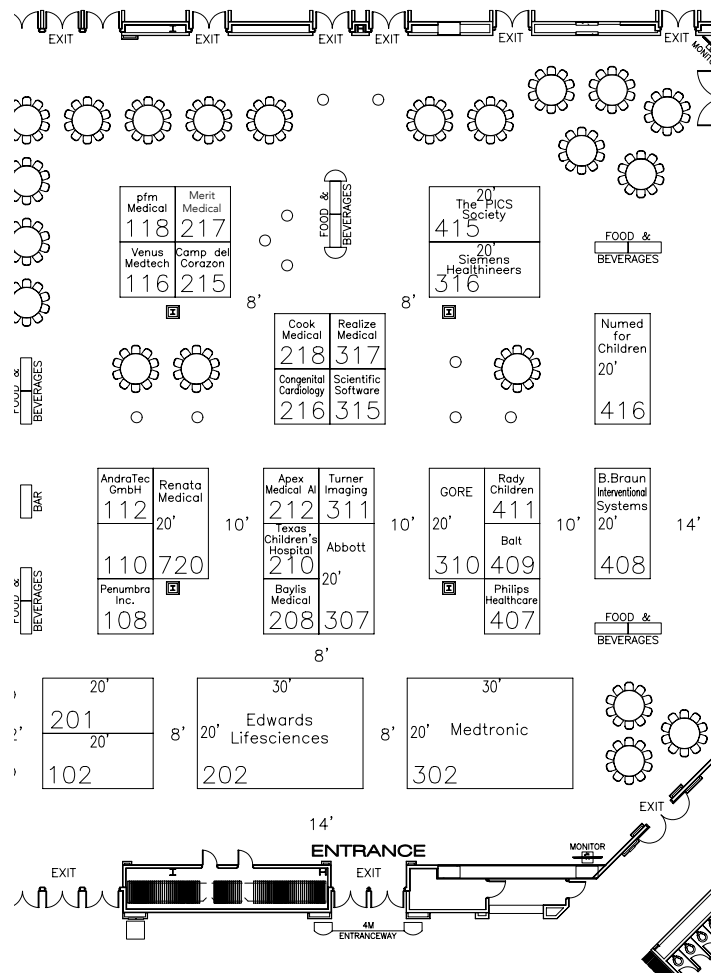
# Exhibitor Floor Plan

Realize Medical Inc	317	<b>3DI3 Hands-On Stations:</b>
Renata Medical	720	- Siemens Healthineers
Scientific Software Solutions	315	Pacific Ballroom #14
Siemens Healthineers	316	- Canon
Texas Children's Hospital	210	Pacific Ballroom #15
The PICS Society	415	- Philips
Turner Imaging Systems	311	Pacific Ballroom #16
Venus Medtech	116	

## Exhibit Hall



## Pacific Ballroom, First Floor



# Program Directory

## 2024-2025

*Published Mid-August*

**Directory of Congenital & Pediatric  
Cardiac Care Providers in North  
America**

**Hard copies are available at CCT's  
booth at PICS #216**

**Each program's contact information  
for Chief of Pediatric Cardiology &  
Fellowship Director**

**Lists each program's  
Pediatric Cardiologists &  
Cardiothoracic Surgeons**

**Lists Pediatric Cardiology  
Fellowships**

**Distributed to  
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**Electronic version available on  
CCT's website:**

**[CongenitalCardiologyToday.com/  
Program-Directory](http://CongenitalCardiologyToday.com/Program-Directory)**

**Need to update your listing?  
Contact Kate Baldwin  
[kate.f.baldwin@gmail.com](mailto:kate.f.baldwin@gmail.com)**

## Daily Program

**Tuesday, September 3<sup>rd</sup>**

**4:00-6:00pm Registration Open**  
*Marriott Grand Foyer – 2<sup>nd</sup> Floor Lobby Level*

**Wednesday, September 4<sup>th</sup>**

**7:00am-6:00pm Registration Open**  
*Marriott Grand Foyer – 2<sup>nd</sup> Fl. Lobby Level*

**7:00-8:30am Breakfast Available**  
*Marriott Grand Foyer – 2<sup>nd</sup> Fl. Lobby Level*

**7:00am-6:00pm Poster Abstracts**  
*Marriott Grand Foyer – 2<sup>nd</sup> Fl. Lobby Level*

**7:45-8:00am Welcome – General Session**  
Ziyad M. Hijazi  
*Marriott Grand Ballroom – 2<sup>nd</sup> Fl. Lobby Level*

**8:00-10:30am 1<sup>st</sup> Live Case Session – General Session**  
*Marriott Grand Ballroom – 2<sup>nd</sup> Fl. Lobby Level*  
Moderators: Damien Kenny & Ziyad M. 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, USA*  
- Children's Hospital of Los Angeles  
*Los Angeles, California, USA*  
- St. Paul's Hospital, *Vancouver, Canada*

**10:00-10:30am Coffee Available**  
*Marriott Grand Foyer – 2<sup>nd</sup> Fl. Lobby Level*

**10:30am-12:30pm 2<sup>nd</sup> Live Case Session – General Session**  
*Marriott Grand Ballroom – 2<sup>nd</sup> Fl. Lobby Level*  
Moderators: William Hellenbrand & John Cheatham  
Panelists: Amjad Mahmood, Sophi Guiti Milani,  
John Thomson, Robert Pass, Michel Ilbawi,  
Alex Javois  
- Pontificia Universidad Catolica de Chile  
*Santiago, Chile*  
- Nationwide Children's Hospital  
*Columbus, Ohio, USA*  
- Children's Hospital of Los Angeles  
*Los Angeles, California, USA*

**12:30-1:30pm Lunch Available**  
*Marriott Grand Foyer – 2<sup>nd</sup> Fl. Lobby Level*

# Daily Program

- 1:00-2:00pm Industry Lunch Symposium – GORE General Session**  
*Marriott Grand Ballroom – 2<sup>nd</sup> Fl. Lobby Level*  
**Long-Term Clinical Follow-Up of the GORE CARIOFORM ASD OCCLUDER**  
 Matthew Gillespie, MD & Athar Qureshi, MD
- 2:00-4:30pm Lymphatic Session – Breakout Session**  
*Marriott Grand Ballrooms 3&4 – 2<sup>nd</sup> Fl. Lobby Level*  
**Session One: What is New?**  
*Moderators:* Sanjay Sinha, Christopher Smith, Ben Blais (virtual)
- 2:00-2:10pm Updates in Lymphatic Physiology**  
 Micol Rebonato
- 2:11-2:21pm Advances in Lymphatic Anatomy**  
 Adam Kolesnik
- 2:22-2:32pm New Developments in Lymphatic Imaging**  
 Surren Reddy
- 2:33-2:43pm New Developments in Lymphatic Interventions**  
*Sanjay Sinha*
- 2:44-2:54pm Recent Developments in Medical Therapy and Genetics – Gur Mainzer (virtual)**
- 2:55-3:05pm New Opportunities in Lymphatic Therapies**  
 Yoav Dori
- Session Two: Case Based Session – What Do You Do Next?**  
*Moderators:* Sanjay Sinha, Christopher Smith, Mike Seckeler
- 3:15-3:25pm PB – Petru Liuba**
- 3:26-3:36pm Chylothorax – Neil Patel**
- 3:37-3:47pm PLE – Christoph Bauer**
- 3:48-3:58pm Multicompartment Case – Stanimir Georgiev**
- 3:59-4:09pm Multicompartment with TDD**  
 Christopher Smith
- 4:10-4:20pm Primary and Strange – Michael Rahbek Schmidt**
- 4:21-4:31pm When Not to Intervene – Greg Adamson**
- 2:30-4:00pm What's New in Our Toolbox? – General Session**  
*Marriott Grand Ballroom – 2<sup>nd</sup> Fl. Lobby Level*  
*Moderators:* Evan Zahn & Alejandro Peirone



# Daily Program



- 2:30-2:42pm The Expanding Use of the AFR – Choosing the Right Size for Growing Patients**  
 Gianfranco Butera
- 2:43-2:55pm New Stent Designs for the Growing Patient**  
 Evan Zahn
- 2:56-3:08pm Covered Stent Options for Interventional Treatment of SVASD**  
 Jamil Aboulhosn
- 3:09-3:21pm What Should the Ideal PDA Stent Look Like and Are We Nearly There? – Dan Levi**
- 3:22-3:34pm Transcatheter Fontan Completion – Do We Need a Dedicated Device? – Lee Benson**
- 3:35-3:47pm Is Extended Reality the Future of Imaging for Intervention? – Jenny Zablach**
- 3:50-4:00pm Discussion**
- 2:30-4:00pm PICES Breakout Session – Outside My Comfort Zone – When to Accept More Risk for Potential Benefit – Focusing on New/Innovative Approaches, Pre-Procedural Planning, “Off Label” Usage**  
*Marriott Grand Ballrooms 1&2 – 2<sup>nd</sup> Fl. Lobby Level*  
*Moderators:* Allen Ligon  
*Panelists:* \*Oliver Barry, \*Britton Keeshan, \*Steve Nageotte, Neil Patel
- 2:30-2:40pm PICES Business Meeting – Allen Ligon**
- 2:40-2:50pm Early Interventional Cardiology Survey Results on Work Force, Financials, and Needs – \*Britton Keeshan**
- 2:50-3:05pm Case #1 – Transcatheter Correction of Aortic Dissection – Sebastian Goreczny**
- 3:05-3:20pm Case #2 – Ductus Venosus Stenting in a Premature Neonate with Obstructed TAPVR**  
 \*Samantha Gilg
- 3:20-3:35pm Case #3 – TPVR in an Elderly Patient**  
 \*Juan Carlos Samayoa
- 3:35-3:40pm PICES Congenital Interventional Mentor of the Year Award Presentation – Allen Ligon**
- 3:40-4:00pm Invited Speaker: Setting Oneself Up for Success, Facing Challenges and Optimizing Mentorship – David Balzer**  
 (\*Invited Guest Speaker)
- 4:00-4:15pm Coffee Available**  
*Marriott Grand Foyer – 2<sup>nd</sup> Fl. Lobby Level*



# Daily Program

- 4:15-6:00pm** **Oral Abstract Presentations**  
**Room 1 – Marriott Grand Ballrooms 1&2**  
*2<sup>nd</sup> Fl. Lobby Level*  
Moderators: Mario Carminati & Jacqueline Kreutzer  
**Room 2 – General Session**  
*Marriott Grand Ballroom – 2<sup>nd</sup> Fl. Lobby Level*  
Moderators: Lee Benson & Vivian Dimas
- 5:00-6:00pm** **Room 3 – Marriott Grand Ballrooms 3&4**  
*2<sup>nd</sup> Fl. Lobby Level*  
Moderators: Carlos Pedra & Maiy El-Sayed
- 6:00-8:00pm** **Welcome Reception – Exhibit Hall Opens**  
*Pacific Ballroom – 1<sup>st</sup> Fl. Ground Level*

## Thursday, September 5<sup>th</sup>

- 7:00am-6:00pm** **Registration Open**  
*Marriott Grand Foyer – 2<sup>nd</sup> Fl. Lobby Level*
- 7:00-8:30am** **Breakfast Available – Exhibit Hall**  
*Pacific Ballroom – 1<sup>st</sup> Fl. Ground Level*
- 7:00am-6:00pm** **Poster Abstracts**  
*Pacific Ballroom Foyer – 1<sup>st</sup> Fl. Ground Level*
- 7:00-7:30am** **Moderated Poster Abstracts**  
*Pacific Ballroom Foyer – 1<sup>st</sup> Fl. Ground Level*  
Moderators:  
Group 1: Tom Fagan & James Thompson  
Group 2: Ralf Holzer & Sharon Cheatham  
Group 3: Athar Qureshi & Jenny Zablah
- 7:45-8:00am** **Update on Live Cases 2023 – Damien Kenny**  
**General Session**  
*Marriott Grand Ballroom – 2<sup>nd</sup> Fl. Lobby Level*
- 8:00-10:00am** **1<sup>st</sup> Live Case Session – General Session**  
*Marriott Grand Ballroom – 2<sup>nd</sup> Fl. Lobby Level*  
Moderators: John Cheatham, Thomas Jones  
Panelists: Wail Alkashkari, Jeremy Asnes, Ahmet Celebi, Levent Saltik, Tacey Downing, John Nigro  
- Beth Israel Deaconess Medical Center  
*Boston, Massachusetts, USA*  
- Cincinnati Children's Hospital,  
*Cincinnati, Ohio, USA*  
- Mayo Clinic, Rochester, Minnesota, USA
- 10:00-10:30am** **Coffee Available – Exhibit Hall**  
*Pacific Ballroom – 1<sup>st</sup> Fl. Ground Level*

# Daily Program

- 10:30am-12:30pm** **2<sup>nd</sup> Live Case Session – General Session**  
*Marriott Grand Ballroom – 2<sup>nd</sup> Fl. Lobby Level*  
Moderators: Ziyad Hijazi & Vivian Dimas  
Panelists: Joshua Murphy, Hussam Suradi, Glen Van Arsdall, Gejun Zhang, Fadi Bitar  
- Beth Israel Deaconess Medical Center  
*Boston, Massachusetts, USA*  
- Cincinnati Children's Hospital,  
*Cincinnati, Ohio, USA*  
- Mayo Clinic, Rochester, Minnesota, USA
- 12:30pm** **PICS Society Annual Business Meeting**  
**General Session – Marriott Grand Ballroom**  
*2<sup>nd</sup> Fl. Lobby Level*
- 12:30-1:30pm** **Lunch Available – Exhibit Hall**  
*Pacific Ballroom – 1<sup>st</sup> Fl. Ground Level*
- 1:00-2:00pm** **Industry Lunchtime Symposium – Edwards Lifesciences – General Session**  
*Marriott Grand Ballroom – 2<sup>nd</sup> Fl. Lobby Level*  
**Edwards Pulmonic Portfolio: A Deep Dive**  
- Versatility of the Edwards Pulmonic Portfolio – Vivian Dimas  
- Alterra Adaptive Presept Design Features and Rationale – Evan Zahn  
- Leveraging Alterra Device Re-Capturability for Optimal Deployment – Darren Berman  
- Alterra Use in Complex RVOT Anatomy  
Vivian Dimas  
- Q&A – Darren Berman, Evan Zahn, Vivian Dimas  
- Key Takeaways – Evan Zahn



- 2:30-6:00pm** **ACHD – General Session**  
*Marriott Grand Ballroom – 2<sup>nd</sup> Fl. Lobby Level*  
Moderators: Eric Horlick, Maiy El-Sayed, Jamil Aboulhoshn
- 2:30-2:42pm** **Joined Up Thinking – Are Interventions in the Pediatric Sphere Making ACHD Interventions More Challenging?** – Dan Levi

# Daily Program

- 2:43-2:55pm **ASD Closure – What is the Cutoff for Using a Fenestrated Device in Adults?**  
Reda Ibrahim
- 2:56-3:08pm **Stenting the Fontan – When is This Required in Adults?** – Nathan Taggart
- 3:09-3:21pm **Collateral Closure in Adult Single Ventricle Patients – Leave Alone or Close?**  
Doff McElhinney
- 3:22-3:34pm **Management Approaches for Aortic Atresia**  
Mark Osten
- 3:35-3:47pm **Intervening on Patients with PS/PR in Adulthood – Are the Guidelines too Vague for This Cohort?** – Laith Alshawabkeh
- 3:48-4:00pm **First Experiences with the MemoSorb Absorbable Occluder** – Horst Sievert
- 4:00-4:30pm **Coffee Available – Exhibit Hall**  
*Pacific Ballroom – 1<sup>st</sup> Fl. Ground Level*
- ACHD Session Continued**
- 4:30-4:42pm **Structural Interventions in ACHD Patients – What's New and Who Should be Doing These?**  
Eric Horlick
- 4:43-4:55pm **Is the Autus Valve the Answer to Lifetime Management of the Pulmonary Valve?**  
Aimee Armstrong
- 4:56-5:08pm **VSD Closure in Adults – 5 Tips Learned Over the Decades** – Yun Chin Fu
- 5:09-5:21pm **Interventions in Patients with an Atrial Switch – Do They Influence Longer-Term Outcomes?** – Luca Vricella
- 5:22-5:34pm **Complications with Catheterization in ACHD Patients – What Does the Data Show and Should It Influence Our Approach?** – Gareth Morgan
- 5:35-5:47pm **Training the Next Generation of ACHD Interventionalists – What is the Optimum Model?** – Jamil Aboulhosn
- 5:50-6:00pm **Discussion**
- 2:00-4:00pm **Great Debates – Breakout Session**  
*Marriott Grand Ballrooms 3&4*  
*2<sup>nd</sup> Fl. Lobby Level*  
Moderators: Mansour Aljufan & Mark Galantowicz  
**Neonatal Interventions Should be Considered to Delay Surgery to Protect the Neonatal Brain**  
Pro: Gil Wernowsky  
Con: John Nigro  
Discussion, Q&A

# Daily Program

- 2:30-2:40pm **Pro: Shelby Kuty**
- 2:40-2:50pm **Con: Gregor Krings**
- 2:50-3:00pm **Discussion, Q&A**  
**Primary Repair of Tetralogy of Fallot is the Better Longer-term Strategy in Symptomatic Neonates**  
Pro: Glen Van Arsdall  
Con: Athar Qureshi  
Discussion, Q&A  
**Congenital Interventional Cardiology Training Guidelines are Not Comprehensive Enough to Deal with Increasingly Complex Interventions**  
Pro: Matt Gillespie  
Con: Ralf Holzer  
Discussion, Q&A
- 3:00-3:10pm
- 3:10-3:20pm
- 3:20-3:30pm
- 3:30-3:40pm
- 3:40-3:50pm
- 3:50-4:00pm
- 4:00-4:30pm **Coffee Available – Exhibit Hall**  
*Pacific Ballroom – 1<sup>st</sup> Fl. Ground Level*
- 4:30-6:00pm **Interventions in LBW Infants – Breakout Session**  
*Marriott Grand Ballrooms 3&4 – 2<sup>nd</sup> Fl. Lobby Level*  
Moderators: Thomas Forbes & Bryan Goldstein
- 4:30-4:42pm **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:**  
4:43-4:53pm **Device Embolization** – Frank Ing  
4:54-5:02pm **TV Damage** – Darren Berman  
5:03-5:13pm **Aortic/pulmonary Artery Obstruction**  
Evan Zahn  
5:14-5:26pm **Back-up Support for PDA Stenting in LBW Infants – Institutional Protocols** – Chris Petit  
5:27-5:39pm **Complications in LBW Infants – Are We Getting Better?** – Ralf Holzer  
5:40-5:52pm **3D Imaging in LBW Infants – How Can it Help?** – Sebastian Goreczny  
5:52-6:00pm **Q&A**



# Daily Program

- 4:30-6:00pm Latin Session – Breakout Session**  
*Marriott Grand Ballrooms 1&2 – 2<sup>nd</sup> Fl. Lobby Level*  
 Moderators: Carlos Pedra & Gianfranco Butera
- 4:30-4:42pm Transcatheter Closure of PM VSD Near the Aortic Valve** – Alejandro Peirone
- 4:43-4:55pm Catheterization in Ebstein Disease. Why, When, How?** – Jacqueline Kreutzer
- 4:56-5:08pm Rehabilitation of Extra Cardiac Conduits in Fontan Patients. Are We Pushing the Envelope?** – Marcelo Ribeiro
- 5:09-5:21pm Catheterization and Interventions Under MRI Guidance – An Italian Perspective**  
 Micol Rebonato
- 5:22-5:34pm Borderline Indications for TPVR. Are the Guidelines Too Strict?** – Oliver Aregullin
- 5:35-5:47pm Aortic and Renal Interventions in Takayasu/Mid Aortic Syndrome**  
 Diego Porras
- 5:50-6:00pm Q&A**
- 6:00pm PICS Achievement Award – General Session**  
*Marriott Grand Ballroom – 2<sup>nd</sup> Fl. Lobby Level*
- 7:30pm PICS Soccer Game – All are Welcome!**  
*Clairemont High School*  
 4150 Ute Dr, San Diego, CA 92117



## Friday, September 6<sup>th</sup>

- 7:00am-6:00pm Registration Open**  
*Marriott Grand Foyer – 2<sup>nd</sup> Fl. Lobby Level*
- 7:00-8:30am Breakfast Available – Exhibit Hall**  
*Pacific Ballroom – 1<sup>st</sup> Fl. Ground Level*
- 7:00am-6:00pm Poster Abstracts**  
*Pacific Ballroom Foyer – 1<sup>st</sup> Fl. Ground Level*
- 7:00-7:45am Moderated Poster Abstract Presentations**  
*Pacific Ballroom Foyer – 1<sup>st</sup> Fl. Ground Level*  
**Moderators:**  
**Group 1:** Damien Kenny & Frank Ing  
**Group 2:** Bryan Goldstein & Vivian Dimas  
**Group 3:** Alan Nugent & Lynn Peng

# Daily Program

- 7:45-8:00am Update on the PICS Society General Session – Norm Linsky**  
*Marriott Grand Ballroom – 2<sup>nd</sup> Fl. Lobby Level*
- 8:00-10:00am 1<sup>st</sup> Live Case Session – General Session**  
*Marriott Grand Ballroom – 2<sup>nd</sup> Fl. Lobby Level*  
 Moderators: Shakeel Qureshi & Carlos Pedra  
 Panelists: Daniel Aguirre, David Balzer, Martin Bocks, Regina Bokenkamp, Jae Young Choi, Mark Galantowicz  
 - Le Bonheur Children's Hospital  
*Memphis, Tennessee, USA*  
 - University of Mississippi  
*Jackson, Mississippi, USA*  
 - Seattle Children's Hospital  
*Seattle, Washington, USA*
- 10:00-10:30am Coffee Break – Exhibit Hall**  
*Pacific Ballroom – 1<sup>st</sup> Fl. Ground Level*
- 10:30am-12:30pm 2<sup>nd</sup> Live Case Session – General Session**  
*Marriott Grand Ballroom – 2<sup>nd</sup> Fl. Lobby Level*  
 Moderators: Evan Zahn, Aimee Armstrong  
 Panelists: Jeff Delaney, Maiy El-Sayed, Tom Forbes, Brent Gordon, Michel Ilbawi, Joshua Murphy, Mohammed Al-Hijji  
 - Le Bonheur Children's Hospital  
*Memphis, Tennessee, USA*  
 - University of Mississippi  
*Jackson, Mississippi, USA*  
 - Seattle Children's Hospital  
*Seattle, Washington, USA*
- 12:30-1:30pm Lunch Available – Exhibit Hall**  
*Pacific Ballroom – 1<sup>st</sup> Fl. Ground Level*
- 12:45-1:45pm CCISC Meeting**  
*Marriott Grand Ballrooms 1&2 – 2<sup>nd</sup> Fl. Lobby Level*  
 Moderator: Thomas Forbes
- 1:00-2:00pm Industry Lunchtime Symposium – Medtronic General Session – Marriott Grand Ballroom 2<sup>nd</sup> Fl. Lobby Level**  
**Exploring Harmony TPV Outcomes: Insights, Discussions, and Unique**  
 Join our esteemed faculty for a data-driven discussion on the clinical outcomes of Harmony TPV. Participate in open discussions about real-life experiences and unique case presentations to aid in decision-making.  
 Moderator: Matt Gillespie, MD; Children's Hospital of Philadelphia



# Daily Program

## Speakers:

Jamil Aboulhosn, MD; UCLA  
 Vivian Dimas, MD; Medical City Dallas  
 Allen Ligon, MD; Children's Hospital of Atlanta

- 2:15-3:45pm** **Coronary Artery Fistula – Breakout Session**  
*Marriott Grand Ballrooms 1&2 – 2<sup>nd</sup> Fl. Lobby Level*  
 Moderators: Shakeel Qureshi & Bharat Dalvi
- 2:15-2:27pm** **Case Presentations – Distal Fistula and Proximal Fistula** – K Sivakumar
- 2:28-2:40pm** **Guidelines for Fistula Closure – Are They Appropriate?** – Worakan Promphan
- 2:41-2:53pm** **Complications Related to Device Closure**  
 Do Tin
- 2:54-3:04pm** **Complex Case with an Unusual Complication**  
 Horst Sievert
- 3:05-3:17pm** **Surgeons Perspective on Closure and Post-surgical Expectations/Complications**  
 Glen Van Asrdall
- 3:20-3:30pm** **Q&A**
- 2:30-3:45pm** **Where is Technology Taking Us in Congenital Interventional Cardiology?**  
**General Session – Marriott Grand Ballroom**  
*2<sup>nd</sup> Fl. Lobby Level*  
 Moderators: Matt Gillespie & Howard Weber
- 2:30-2:42pm** **Data Collection and Application – Can We Learn from Others?** – Ryan Callahan
- 2:43-2:55pm** **Advanced Imaging and CFD – Where Will This Ultimately Land?** – Elchanan Bruckheimer
- 2:56-3:08pm** **Personalised Medicine – Are Regulatory Hurdles Too Great for Our Field?**  
 Diego Porras
- 3:09-3:21pm** **Application of AI to Congenital Interventional Cardiology** – Arash Salavitarab
- 3:22-3:34pm** **Interventional Cardiac MR – 20 Years On and Still on the Periphery?** – Suren Reddy
- 3:35-3:45pm** **Q&A**
- 2:15-3:45pm** **Follow-up of Simple Lesions – Breakout Session – Marriott Grand Ballrooms 3&4**  
*2<sup>nd</sup> Fl. Lobby Level*  
 Moderators: Brent Gordon & Tom Fagan
- 2:15-2:27pm** **Long Term Follow-up for Balloon Pulmonary Valvuloplasty – Are We Getting Better?** – Roymanee Supaporn
- 2:28-2:40pm** **Erosion Data – European, US and Japanese Experience** – Hideshi Tomita
- 2:41-2:53pm** **LPA Gradient Following PDA Closure – When Should We Intervene?**  
 Mansour AlJufan

# Daily Program

- 2:54-3:04pm** **LPA Stenting Pre-TCPC Completion – Does It Make Any Difference?** – Marc Gewillig
- 3:05-3:17pm** **Balloon Dilation for Re-coarctation in Infants – Is This Still the Best Option with Newer Stent Designs?** – Sachin Khambadkone
- 3:18-3:30pm** **How to Follow the Standard Fontan – MRI, CT, or 3DRA** – Kiran Mallula
- 3:35-3:45pm** **Q&A**
- 3:30-4:00pm** **Coffee Available – Exhibit Hall**  
*Pacific Ballroom – 1<sup>st</sup> Fl. Ground Level*
- 4:00-5:30pm** **TPVR Session – General Session**  
*Marriott Grand Ballroom – 2<sup>nd</sup> Fl. Lobby Level*  
 Moderators: Mark Galantowicz & Damien Kenny
- 4:00-4:12pm** **Lifetime Management with Conduits – Are We Still Too Myopic?** – Frank Ing
- 4:13-4:25pm** **When to Intervene on the TV in the Setting of Pulmonary Valve Dysfunction?**  
 Jamil Aboulhosn
- 4:26-4:38pm** **Self-expanding vs Balloon Expandable for Pulmonary Waist of 27mm**  
 Shabana Shahanavaz
- 4:39-4:51pm** **From Famine to Feast – How Many Self-Expanding Pulmonary Valve Platforms Do We Realistically Need?**  
 Elchanan Bruckheimer
- 4:52-5:04pm** **Niggling Problems with tPVR – From Coronaries and Rupture to HALT and Arrhythmia – What Does the Next 10 Years Hold?** – Evan Zahn
- 5:05-5:17pm** **Lifetime Management of Pulmonary Valve Disease – How Can We Achieve the Least Number of Interventions Without Morbidity and Mortality?** – Marc Gewillig



# Daily Program

- 4:00-5:30pm** Use of RF Energy Within the Heart – Breakout Session  
*Marriott Grand Ballrooms 3&4 – 2<sup>nd</sup> Fl. Lobby Level*  
Moderators: David Nykanen & Henri Justino
- 4:00-4:12pm** RF vs Needle for Accessing the Pulmonary Venous Atrium – When and Why?  
Joaquim Miro
- 4:13-4:25pm** Have CTO Wires Reduced the Need for RF Energy in CHD Patients? – Alan Nugent
- 4:26-4:38pm** Electrosurgery Techniques in Adult Structural Disease – Saibal Kar
- 4:39-4:51pm** Best Approaches for Perforating the IVC-PA Conduit in SV Patients – Jonathan Rome
- 4:52-5:04pm** Recrossing the Atrial Septum Following Device Closure – Techniques and Should It Influence Our Approach to ASD Closure in the Future – Alejandro Torres
- 5:05-5:17pm** EP Studies and “VT” Ablation Pre tPVR – Are We Trying to be Too Clever?  
Robert Pass
- 3:45-5:30pm** Nursing and Associated Professionals Breakout Session  
*Marriott Grand Ballrooms 1&2 – 2<sup>nd</sup> Fl. Lobby Level*  
Moderators: Sharon Cheatham, Emily Kish
- 3:45-3:57pm** From Awareness to Action: Mitigating Complications in the Cath Lab  
Veronica Zitterman
- 3:58-4:10pm** Virtual Simulation Versus 3D Printing of the Anatomical Model for Complex Lesions – Arash Salavitabar
- 4:11-4:23pm** Harnessing Artificial Intelligence: Revolutionizing Registry Reporting and Summarization in Complex CHD  
Laith Alshawabkeh
- 4:24-4:36pm** Positive Vibes Only: Strategies for a Healthy Work Culture – Terry Alford
- 4:37-4:49pm** Around the World With Valve Technology  
Dan Levi
- 4:50-5:02pm** Hemodynamics: Understanding the Numbers – Ileen Cronin
- 5:03-5:15pm** Balancing Cath Lab Inventory with the Cost of Increased Technology – Emily Kish
- 5:15-5:30pm** Q&A



# Daily Program

Saturday, September 7<sup>th</sup>

- 7:00am-1:00pm** Registration Open  
*Marriott Grand Foyer – 2<sup>nd</sup> Fl. Lobby Level*
- 7:00-8:30am** Breakfast Available – Exhibit Hall  
*Pacific Ballroom – 1<sup>st</sup> Fl. Ground Level*
- 8:00-9:30am** Managing High Flow Lesions in Smaller Infants – General Session  
*Marriott Grand Ballroom – 2<sup>nd</sup> Fl. Lobby Level*  
Moderators: Allison Cabalka & Mansour AlJufan
- 8:00-8:12am** Flow Restrictors Within the Heart – Lessons Learned and Future Options  
Dietmar Schranz
- 8:13-8:25am** Transcatheter VSD Closure in Children < 6kgs – K Sivakumar
- 8:26-8:38am** The Large PDA in a 4kg Symptomatic Infant – Knowing Our Limits – Alain Fraisse
- 8:39-8:51am** Is Widespread Acceptance of Echo-Guided Closure Procedures Likely in the Next 10 Years? – Craig Fleishman
- 8:52-9:04am** Porto-systemic Shunts in Smaller Infants – What Options Exist? – Henri Justino
- 9:05-9:17am** Larger Devices in Small Children – How Large Can We Go? – Masood Sadiq
- 9:18-9:30am** Q&A
- 9:30-10:00am** Coffee Available
- 10:00-11:30am** Taped Cases – General Session  
*Marriott Grand Ballroom – 2<sup>nd</sup> Fl. Lobby Level*  
Moderators: Larry Latson & Craig Fleishman
- 10:00-10:20am** Mayo – Jason Anderson
- 10:21-10:41am** Transcatheter Fontan – Damien Kenny
- 10:42-11:02am** PDA Stenting – Athar Qureshi
- 11:03-11:23am** Pulsta Valve – Seong-Ho Kim
- 11:30am-1:00pm** Nightmare Cases – General Session  
*Marriott Grand Ballroom – 2<sup>nd</sup> Fl. Lobby Level*  
Moderators: Shakeel Qureshi & Matt Gillespie
- 1:00pm** Closing Remarks  
Ziyad M. Hijazi & Damien Kenny



Daily Program as of 08.16.24  
Additional updates available in the Meeting App



CONGENITAL  
CARDIOLOGY  
TODAY

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Today*, ISSN 1554-7757 print, ISSN  
1554-0477 electronic. Published  
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