

PICS Society 3<sup>rd</sup> Fellows & Early Career (FEC) Course 2023  
Washington DC Convention Center Salon B & C  
August 25-27

Friday, August 25:

6:30 – 9:00pm      Welcome Dinner with Industry Presentations  
Joe's Seafood, Prime Steak & Stone Crab  
Sponsored by: Occlutech

Saturday, August 26:

6:45 – 7:30am      Welcome Breakfast  
Sponsored by: GORE  
Convention Center SALON C

7:00 – 7:05      Welcome & Introduction ***Vivian Dimas & Gareth Morgan***  
7:05 – 7:20      How to be Successful with GCA as an Early Career Physician  
***Matt Gillespie***  
7:20 – 7:30      Q&A

7:30 – 9:00am      Atrial Septal Devices “Hands on- Rip it and Repair it”  
(GORE, NUMED, EDWARDS)  
SALON C

- HANDS ON: Numed Z5 and Z6 balloons- Features and experience with Numed balloons. **30 mins**  
***Shabana Shahanavaz; Alan Nugent; Aimee Armstrong***
- HANDS ON: The Edwards Miller Atrioseptostomy balloon- Features and experience with the Miller catheter. **30 mins**  
***Gareth Morgan; Evan Zahn; Darren Berman***
- HANDS ON: GORE ASD devices- GSO and GCA **30mins**  
***Matt Gillespie; Dan Levi; John Thomson***

9:00- 10:00

**PDA's – Premies to Children**

Moderators: **Shabana Shahanavaz, John Thomson, Kristine Guleserian**  
**SALON B**

9:00-9:15

Communication and Psychology in Managing Premie Ducts- Navigating the Chasm Between Neonatology and Cardiology – **Darren Berman**

9:15-9:30

Premie PDA Closure – **Matt Gillespie**

9:30-9:45

Case-based: Complications in PDA Closure Cases – **Darren Berman**

9:45-10:00

Q&A/Discussion

**10:00-10:30**

**Coffee Break – Salon B/C Foyer**

10:30-11:45

**Interventional Options for Duct Dependent Pulmonary Blood Flow**

Moderators: **Matt Gillespie, Alan Nugent, Vivian Dimas**  
**SALON B**

10:30-10:45

*PDA Stenting: Case Based Decision Making – John Thomson*

10:45-11:00

*PDA Stent, Complications – Vivian Dimas*

11:00-11:15

*RVOT Stenting: Case Based Decision Making – Shabana Shahanavaz*

11:15-11:30

*RVOT Stent, Complications – Aimee Armstrong*

11:30-11:45

Q&A/Discussion

11:45am-12:00pm

**Grab and Go Lunch Available SALON C**

**12:00 – 1:00pm**

**Industry Lunch Symposium**

**Sponsored by: Penumbra**

**Salon C**

**Shabana Shahanavaz & Gareth Morgan**

*Penumbra Ruby Coil with Mechanical Occlusion & Lightning Computer-Aided Thrombectomy (CAT): Unique Patients Need Unique Solutions*

**1:00 – 3:00pm**

**ASDs – Case Based Learning**

Moderators: **Gareth Morgan, Dan Levi, Vivian Dimas**  
**SALON B**

1:00-1:15

Complex/ Uncertain Hemodynamics in ASD Closure PH -**Alan Nugent**

1:15-1:30

Complex/ Uncertain Hemodynamics in ASD Closure Diastolic Ventricular Dysfunction – **Vivian Dimas**

1:30-1:45

Complex ASD Closure: Case Presentations – **Shabana Shahanavaz**

1:45-2:00

Closing Large ASDs in Children – **John Thomson**

2:00-2:15

ASD Devices- “Miss World” – **Gareth Morgan**

2:15-2:30

Complications of ASD Closure: Case Presentations – **Matt Gillespie**

2:30-2:45

Q&A/Discussion

2:45-3:00

Coffee Break – Salon B/C Foyer

3:00- 4:00pm

VSDs

Moderators: *Shabana Shahanavaz, John Thomson*

**SALON B**

3:00-3:20

Case-based Perimembranous VSD Closure: Indications, Approaches, Pitfalls –*Damien Kenny*

3:20-3:40

Case based: Hybrid Muscular VSD Closure in an Infant – *Gareth Morgan*

3:40-4:00

Case- based: Percutaneous Muscular VSD Closure Case – *Alan Nugent*

4:00 -5:45pm

Pulmonary Valve Replacement

Moderators: *Gareth Morgan, Aimee Armstrong, Damien Kenny*

**SALON B**

4:00-4:20

Tips and Tricks for TPVR: Self Expanding Systems – *Evan Zahn*

4:20-4:40

Tips and Tricks to TPVR: Balloon Expandable Systems – *Vivian Dimas*

4:40-5:00

Case-based: Complications in TPVR cases – *Dan Levi*

5:00-5:20

Collaborating with Surgeons to Define a Long-Term Strategy for Pulmonary Valve Replacements - *Kristine Guleserian*

5:20-5:40

Q&A/Discussion

6:00 – 7:30 pm

**Edwards Lifesciences Sponsored Dinner Symposium:  
TPVR and the Alterra Adaptive Prentent  
Salon C**

- Welcome - *Vivian Dimas*
- TPVR History & Alterra Overview - *Evan Zahn*
- Alterra Case Examples - *Aimee Armstrong*
- Device Hands-On & Learning

**Sunday, August 27<sup>th</sup>**

**6:45 – 8:00 am**

**Breakfast Symposium**

**Sponsored by: B. Braun Interventional Systems**

**Vivian Dimas, Evan Zahn, Zach Steinberg, Gareth Morgan, Dan Levi  
SALON C**

**8:00 am– 12:00 pm**

**Adult Congenital Heart Disease**

8:00-8:10

Welcome and Introduction- ***Jamil Abouhosn***

Moderators: ***Jamil Abouhosn & Zach Steinberg***

**SALON B**

**Session 1- ACHD Comorbidities, Risk Stratification and Medical Management**

8:10-8:25

Adult Comorbidities to Consider for Cath Procedures – ***Eric Horlick***

8:25-8:40

Heart failure in ACHD- How is it different from pediatric heart failure?  
***Zach Steinberg***

8:40-8:55

The Adult With Single Ventricle Physiology and Collaterals- Special Considerations- ***Jamil Abouhosn***

8:55-9:10

Malignancy in ACHD and Strategies for Radiation Risk Mitigation  
***Zach Steinberg***

9:10-9:25

Risk Stratification and Peri-procedural Management of ACHD Patients  
***Eric Horlick***

9:25-9:40

Interventional De-risking Strategies for Surgery and Hybrid Interventions in ACHD- ***Evan Zahn***

9:40-9:55

Arrhythmia Considerations in ACHD Patients Undergoing Intervention  
***Jamil Abouhosn***

**9:55-10:15**

**Coffee Break Salon B/C Foyer**

## Session 2- Vascular and Structural Considerations & Interventions in ACHD

Moderators: *Eric Horlick & Tom Jones*

### Salon B

10:15-10:30	Extra-cardiac Vascular Considerations and Management in ACHD- PAD and Large Bore Access- <b>Gareth Morgan</b>
10:30-10:45	Acquired Coronary Disease and PCI in ACHD- When, How, and Why <b>Zach Steinberg</b>
10:45-11:00	Coarctation in ACHD Patients- <b>Eric Horlick</b>
11:00-11:15	ASD, VSD, PDA in ACHD Patients- Special Considerations- <b>Zach Steinberg</b>
11:15-11:30	TAVR in ACHD Patients- <b>Eric Horlick</b>
11:30-11:45	Edge to Edge Repair of Atrioventricular Valve Regurgitation in ACHD Patients- <b>Tom Jones</b>
11:45am-12:00pm	Atrial Baffle Interventions in ACHD Patients- <b>Dan Levi</b>
12:00-12:15	<b>Grab and Go Lunch available - Salon C</b>

### 12:15 - 1:15 pm

#### Lunch Symposium

Sponsored by: Medtronic

#### SALON C

Moderator: *Matthew Gillespie*

Faculty: *Aimee Armstrong & Zach Steinberg*

- Welcome – Matt Gillespie
- Medtronic Structural Heart Overview & How Congenital Fits In *Julien Baissat*
- Harmony TPV Overview: Product, Procedure, Data & Case Examples *Zach Steinberg*
- Melody TPV Overview: Product, Procedure, Data & Case Examples *Aimee Armstrong*
- Hands-on: Melody TPV and Harmony TPV Stations for Loading/Deploying

**1:15 – 3:15pm**

**AS, PS and related BS –**

Moderators: **Alan Nugent, Aimee Armstrong, Gareth Morgan**

**Salon B**

1:15-1:35

Critical PS Case Based Learning – **Vivian Dimas**

1:35-1:55

Perforating the Pulmonary Valve: Case Based Decision Making

**Alan Nugent**

1:55-2:15

After You Open the Valve, What Next? Dealing with Circular Shunts, Management of the PDA or Surgical Shunt – **John Thomson**

2:15- 2:35

AS- Neonate, Infant, Child and Young adult- Different Worlds

**Aimee Armstrong**

2:35-2:55

Subtleties in Treating Critical/severe Aortic Stenosis in the Infant: Does valve morphology affect your approach? – **Dan Levi**

2:55-3:15

Q&A/Discussion

**3:15-3:30 pm**

**Coffee Break - Salon B/C Foyer**

**3:30 – 5:15 pm**

**Stents and Aortic Interventions**

Moderators: **Vivian Dimas, Matt Gillespie, Shabana Shahanavaz**

**Salon B**

3:30-3:55

Everything You Need to Know About Stents: Stent Characteristics and Future Technology - **Evan Zahn**

3:55-4:15

Coarctation Management in the Small Child - **Darren Berman**

4:15- 4:35

Coarctation Management in Older Children- **Gareth Morgan**

4:35-4:55

Coarctation With Transverse Arch Hypoplasia: Management strategies - **Shabana Shahanavaz**

4:55 – 5:15

Q&A/Discussion

**5:15-6:30pm**

**Abbott Dinner Reception and Hands-on Session**

**John Thomson & Dan Levi**

**Salon C**

- **Amplatzer Portfolio Overview – John Thomson**
- **Amplatzer ASO Presentation: Proven Safety, Ease of Use and Access**  
**Dan Levi**
- **Hands-on Training with Faculty**