



Fellows and Early Career Course Program

ARIA CONVENTION CENTER
Las Vegas, NV – August 30-31, 2021

Guest Faculty

Jamil Aboulhosen, M.D.
Lee Benson, M.D.
Darren Berman, M.D.
Allison Cabalka, M.D.
Vivian Dimas, M.D.

Matt Gillespie, M.D.
Ziyad Hijazi, M.D.
Damien Kenny, M.D.
Jacqueline Kreutzer, M.D.
Dan Levi, M.D.

Gareth Morgan, M.D.
Alan Nugent, M.D.
Shakeel Qureshi, M.D.
Shabana Shahanavaz, M.D.
Evan Zahn, M.D.

PICS Society 1st Fellows & Early Career (FEC) Course: Sunday, 29 August 2021 – Tuesday, 31 August 2021

Course Directors:

Darren Berman, MD
Children's Hospital Los Angeles
Los Angeles, CA, USA

Vivian Dimas, MD
Medical City Children's Hospital
Dallas, TX, USA

Sunday, August 29

All day Attendees and Faculty arrive
6:00pm Attendee and Faculty Dinner
"Catch" at Aria, Lobby Level

Dinner sponsored by **Medtronic**

Monday, August 30

7:00am-8:00am Breakfast & Registration
Ironwood Ballroom Registration Foyer,
3rd Floor, Convention Center West

Morning Session: Understanding the Basics

8:00am-10:30am **Welcome & Introduction**
Ironwood Ballroom 2&3
Cardiac Anatomical Review via
Heart Dissection
Ironwood Ballroom 2&3
Atrial Septum and Ventricular Septum
Teaching, Understanding the Anatomy

Bob Foree and Abbott **Abbott**

10:30am-11:00am **Break / Coffee Available**
Ironwood Ballroom Registration Foyer,
3rd Floor, Convention Center West

11:00am-12:00pm **Complex Hemodynamics –
Case-based Learning**
Moderators: Vivian Dimas,
Jamil Aboulhossn
Ironwood Ballroom 2&3

11:00am-11:15am **Advanced Hemodynamic Assessment**
Darren Berman

11:15am-11:30am **Fontan Hemodynamics – What Would
You Do and Why?**
Vivian Dimas

11:30am-11:45am **Conundrums in ACHD Hemodynamics**
Jamil Aboulhossn

11:45am-12:00pm **Q&A/Discussion**

12:00pm-1:00pm **Gore Sponsored Lunch Symposium**

Ironwood Ballroom 7&8 **GORE**

Afternoon Session: Is Anything Ever Bread and Butter for us? Easy Wins in the First 2 Years

1:00pm-3:00pm **ASDs and the Atrial Septum**
Moderators: Dan Levi, Allison Cabalka
Ironwood Ballroom 2&3

1:00pm-1:15pm Intraprocedural Echo Guidance for ASD
Closure (TEE/ICE) – Damien Kenny

1:15pm-1:30pm Complex ASD Closure: Case Presentation
Shabana Shahanavaz

1:30pm-1:45pm Complications of ASD closure: Case
Presentation – Matt Gillespie

1:45pm-2:05pm ASD Creation (Septostomy, Trans-septal,
LA Decompression, when is direct LA
access needed for hemodynamics)
Jacqueline Kreutzer

2:05pm-2:20pm Sinus Venosus ASD Closure: When and
How (Case Presentation)
Allison Cabalka

2:20pm-2:40pm **Participant: Case Presentation:
Challenging ASD Closure (20 min)**

2:40pm-3:00pm **Q&A/Discussion**

3:00pm-3:30pm **Break / Coffee Available**
Ironwood Ballroom Registration Foyer,
3rd Floor, Convention Center West

3:30pm-6:00pm **VSDs and PDAs**
Moderators: Matt Gillespie, Alan Nugent
Ironwood Ballroom 2&3

3:30pm-3:45pm VSD Device Closure: Introducing New
Procedures Into Your Lab
Damien Kenny

3:45pm-4:00pm Muscular VSD Closure In An Infant (case
presentation) – Darren Berman

4:00pm-4:15pm Perimembranous VSD Closure:
Indications, Approaches, Pitfalls – Dan Levi

4:15pm-4:30pm I Blew It 3 Times... and on camera
Gareth Morgan

4:30pm-4:50pm **Attendee Case Presentation VSD Closure
PDAs – Physiology, PDA Closure
(preemie to adult)**

4:50pm-5:05pm Unrestrictive PDA in the Adolescent/Adult
Vivian Dimas

5:05pm-5:20pm Premie PDA Closure – Matt Gillespie

5:20pm-5:35pm "I Blew It" PDA Closure – Alan Nugent

5:35pm-5:55pm **Attendee case presentation PDA closure
Q&A/Discussion**

6:30pm **Edwards Sponsored Dinner Symposium**
Edwards Lifesciences
Ironwood Ballroom 7&8

PICS Society 1st Fellows & Early Career (FEC) Course: Sunday, 29 August 2021 – Tuesday, 31 August 2021

Tuesday, August 31

7:00am-8:00am **Abbott Sponsored Breakfast Symposium**



Ironwood Ballroom 7&8
**Amplatz Piccolo™ – Case Presentation
& Device Demonstration (From Abbott)**

Morning Session: Just Because You Can, Doesn't Mean You Should

8:00am-10:00am **AS, PS and BS**
Moderators: Gareth Morgan,
Darren Berman, Evan Zahn
Faculty roundtable: Preparing For A Case I
Haven't Done Before

8:00am-8:15am Subtleties in Treating Critical PS
Jacqueline Kreutzer

8:15am-8:35am Perforating the Pulmonary Valve
(decision making) – Alan Nugent

8:35am-9:05am **Moderator/faculty Roundtable: After You
Open The Valve, What is next?**
Circular shunts, Management of PDA – Stent
the PDA (now, later), Surgical Shunt

9:05am-9:20am Subtleties in Treating Critical/severe
Aortic Stenosis in the Infant: Does Valve
Morphology Affect Your Approach?
Dan Levi

9:20am-9:40am Perspectives on BAV in the Modern
Surgical Era – Lee Benson

9:40am-10:00am **Q&A/Discussion**

10:30am-11:00am **Break / Coffee Available**
Ironwood Ballroom Registration Foyer,
3rd Floor, Convention Center West

10:30am-12:30pm **Complex Intervention in the Neonate
and Infant: Building A Relationship With
My Surgeon**

Moderators: Matt Gillespie,
Shabana Shahanavaz

Ironwood Ballroom 2&3
Interventional Options For Insufficient PBF:

10:30am-10:45am Pre-procedural Planning for PDA Stenting:
Tips and Tricks – Vivian Dimas

10:45am-11:00am PDA Stenting (case presentation)
Gareth Morgan

11:00am-11:15am PDA Stent, I Blew It – Shabana Shahanavaz

11:15am-11:30am RVOT Stenting – Damien Kenny

11:30am-11:45am **Q&A/Discussion**

11:45am-12:00pm Choosing a PA Stent in a Small Child
Given What We've Got
Shabana Shahanavaz

12:00pm-12:15pm Limitations of Current Stents and Future
Directions – Evan Zahn

12:15pm-12:30pm **Faculty Roundtable: How Do PA Stents
Affect My Future Interventions?**
Invitro vs Invivo "unzipping", Implications
For Future TPVR

12:30pm-1:30pm **Medtronic Sponsored Lunch Symposium**



Ironwood Ballroom 7&8

Afternoon Theme: Stay fresh, Stay Curious

Ironwood Ballroom 2&3

1:45pm-4:15pm **Interventional Pot Pourri**

Moderators: Allison Cabalka,
Jamil Aboulhossn, Evan Zahn

1:45pm-2:05pm Dealing With Bad Outcomes
Shakeel Qureshi

Coarctation of Aorta:

2:05pm-2:20pm Coarctation Management in the Small
Child – Alan Nugent

2:20pm-2:35pm Coarctation Management in the
Adolescent/adult – Gareth Morgan

2:35pm-2:50pm Coarctation With Transverse Arch
Hypoplasia: Management – Lee Benson

**Transcatheter Pulmonary Valve
Replacement:**

2:50pm-3:05pm Changing Indications: When is really the
right time? – Jamil Aboulhossn

3:05pm-3:20pm Algorithm for TPVR: Patient/prosthesis
Selection – Dan Levi

3:20pm-3:35pm Technical Approach to TPVR
Darren Berman

3:35pm-3:50pm I Blew It: TPVR – Evan Zahn

3:50pm-4:05pm I Blew It Worse: TPVR – Dan Levi

4:05pm-4:15pm **Q&A/Discussion**

4:15pm-4:45pm **Break**
Ironwood Ballroom Registration Foyer,
3rd Floor, Convention Center West

4:45pm-6:30pm **Interventional Jeopardy and Wrap Up**
Moderators: Gareth Morgan, Dan Levi

**The PICS Society wish to gratefully thank the
following for their support of the
First Annual PICS Fellow and Early Career Course:**

Abbott
Edwards Lifesciences
GORE
Medtronic