3D Imaging Day
Main Session 3rd Level

Wednesday September 5
6:30AM-6:00PM Registration
Convention Center 3rd Level
7:00-8:15AM Breakfast Available – 3rd Level Foyer
7:00am-5:00PM Poster Abstracts
Convention Center 3rd Level Foyer

3DRA Boot Camp:
8:00-10:00AM
Moderators: Gregor Krings and Aimee Armstrong
800-810: Welcome and Introduction Gregor Krings and Aimee Armstrong
810-820: Why do 3DRA? Evan Zahn
820-835: Cookbook: How to do 3DRA Aimee Armstrong
835-900: The Great Debate: 3 Vendors’ Versions of 3DRA (3 separate computers at once and have 3 debaters show us how post-processing is done with the vendor’s 3DRA system) Jeremy Asnes (Philips), Gregor Krings (Siemens Healthineers), Evan Zahn (Canon)
900-915: Q&A
915-930: 3DRA of the Airway and Esophagus: Why It Matters Mirella Molenschot
930-940: The Role of the Cath Lab Technologist Paul Lawrence
940-950: How to Measure Using 3DRA Tom Fagan
950-1000: Q&A

1000-1015AM: Coffee Available – 3rd Level Foyer

Collaborating with the Non-Invasive Imaging Team:
10:15-11:45AM
Moderators: Craig Fleishman and Joshua Murphy
1015-1030: Tips and Tricks for Multi-modality Image Fusion Shyam Sathanandam
1030-1050: Taped Case: Echo Fusion with Fluoroscopy Pei-Ni Jone
1050-1100: 3D ICE: Is It Worth the Cost? John Cheatham
1115-1130: Creating a Culture of Collaboration Aimee Armstrong
1130-1145: Q&A

11:45AM-12:15PM: Lunch Available – 3rd Level Foyer

12:00-12:45PM Live Case – Nationwide Children’s Hospital, Columbus, Ohio – Darren Berman & Brian Boe
Moderators: Evan Zahn, Bryan Goldstein, Lee Benson, Shakeel Qureshi
TOF Imaging and Intervention:
12:45-2:15PM

Moderators: Jeremy Collins, Dan Levi, and Emile Bacha

12:45-1:00: When Should We Replace the Pulmonary Valve in TOF?
Anne Marie Valente

1:00-1:15: Predicting Coronary Compression in TPVR: Is Finite Element Analysis the Answer? Doff McElhinney

1:15-1:30: What Does the Surgeon Need to Know Before a TOF/PA/MAPCA Case? Frank Hanley

1:30-1:45: 3D Printing for Surgical and Interventional Planning Lee Benson

1:45-2:05: Will We Need 3D Printing When We Have...

1:45-1:55: Holography Lee Benson

1:55-2:05: Photorealistic Visualization
Gregor Krings and Aimee Armstrong

2:05-2:20PM: Q&A

Biomedical Engineering Meets Coarctation:
2:30-3:30PM

Moderators: Jeff Zampi and Tom Fagan

2:30-2:45: Computational Fluid Dynamics for Aortic Interventions
Aimee Armstrong

2:45-3:00: From 3DRA to 4DRA Gregor Krings

3:00-3:15: 4D Cardiac MR Jeremy Collins

3:15-3:25: Q&A

3:25-3:30: Closing Remarks Gregor Krings and Aimee Armstrong

3:30-4:00PM: Coffee Available – 3rd Level Foyer

4:00-6:00PM: BREAKOUT Hands-On Vendor Rooms for 3DRA Post-processing
Canon – Room 304
GE Healthcare – Room 305
Philips – Room 302
Siemens – Room 301

4:00 – 6:00PM Oral Abstracts Presentations
Main Session – 3rd Level

Moderators: Larry Latson, Terry King, Felix Berger

6:00-8:00PM WELCOME RECEPTION
EXHIBIT HALL - 3rd Level
THURSDAY SEPTEMBER 6

6:30AM-6:00PM  Registration  
Convention Center Foyer 3rd Level

7:00-8:15AM  Breakfast Available – Exhibit Hall 3rd Level

7:00am-5:00PM  Poster Abstracts  
Convention Center 3rd Level Foyer

7:00-8:00AM  MODERATED Poster Abstracts  
Convention Center 3rd Level Foyer  
Moderators: Zahid Amin, Tom Forbes

8:00-8:15AM  Welcome – Ziyad M. Hijazi

8:15-10:30AM  LIVE CASES – Doha, Sao Paulo, London  
Moderators: Damien Kenny, Ziyad M Hijazi  
Panelists: Carlos Zabal, Jou Kou Wang,  
Makram Ebeid, Alvaro Galindo, Francois Godart

10:30-10:45AM  Coffee Available – Exhibit Hall 3rd Level  
Taped Case – German Henestrosa (guest speaker) 
Main Session

10:45AM-1:00PM  LIVE CASES – Doha, Sao Paulo  
Main Session – 3rd Level  
Moderators: Thomas Jones, Mario Carminati  
Panelists: Petru Liuba, Ozge Pamukcu,  
John Breinholt, Hide Hara

12:45-1:00PM  Lecture from Doha, via satellite -  
Transcatheter Reverse Potts Shunt Update – Younes Boudjemline

12:45-1:15PM  Lunch Available – Exhibit Hall 3rd Level

1:10 – 2:00PM  TAPED CASES – Houston – Henri Justino & Athar Qureshi,  
Penn State – Howard Weber, Chicago – Cliff Kavinsky &  
Joshua Murphy  
Main Session – 3rd Level  
Moderators: Nathan Taggart, Damien Kenny
2-5:30PM  The Native RVOT Symposium  
Assessment and Treatment of the “Native” Right Ventricular Outflow Tract: Times They Are A Changing  
Main Session – 3rd Level  
**Moderators:** Evan Zahn, Allison Cabalka, Emile Bacha

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**Imaging, Assessment and Indications**

2:00-2:15  Taped Case: John Cheatham
2:15-2:30  Echocardiographic Assessment of the RVOT: Gold Standard or Outdated?  
Craig Fleishman
2:30-2:45  Cardiac MRI-: Beyond Volumes and Regurgitant Fraction  
Ruchira Garg
2:45-3:00  What Does CT Imaging and 3D Modeling Bring to the Table?  
Shelby Kutty
3:00-3:15  Who Needs a Pulmonary Valve? Evolving Indications for PVR  
Zahid Amin

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**Treatment Options for the Native RVOT:**  
*Past, Present and Future*

3:15-3:30  Newer Surgical Approaches to Primary Repair of ToF  
Frank Hanley
3:30-3:45  What’s the Best Surgical Approach for Dysfunctional RVOT After ToF Repair?  
Emile Bacha
3:45-4:00  Coffee Break
4:00-4:15  The Growing Experience with Currently Approved Valves in the “Native” RVOT  
Allison Cabalka
4:15-4:30  Creativity in Treating the Native RVOT: Russian Dolls, Hybrid and Beyond  
Marc Gewillig
4:30-4:45  The Next Generation: Update on the Native RVOT Valve Trials  
Evan Zahn
4:45-5:00  Where catheter-based Rx for RVOT is Going Next: Tissue Engineering and Beyond  
Dan Levi

**Debate** – Surgical PVR is Time Tested and Superior to tPVR in this Population…Stop Wasting Our Time

5:00-5:10  Pro:  
Michel Ilbawi
5:10-5:20  Con:  
Matt Gillespie
5:20-5:30  Discussion
### NOVEL APPROACHES TO STENTING (Breakout) Room 301/302

**Moderators:** Felix Berger, Julie Vincent

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>2:00-2:12</td>
<td>Covered Stenting for Sinus Venosus ASD’s</td>
<td>Shakeel Qureshi</td>
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<td>2:26-2:38</td>
<td>New Options for Large Diameter Balloon Expandable Stents</td>
<td>Marc Gewillig</td>
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<td>2:39-2:51</td>
<td>Newer Covered Stent Design and Application in CHD</td>
<td>Gregor Krings</td>
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<td>2:52-3:04</td>
<td>Techniques to Reposition or Retrieve Malposed or Embolized PA Stents</td>
<td>Frank Ing</td>
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<td>3:05-3:17</td>
<td>Stenting and MRI Guided Interventions – Will they ever be compatible?</td>
<td>Kanishka Ratnayaka</td>
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<td>3:18-3:30</td>
<td>What is Needed in the Future</td>
<td>Felix Berger</td>
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<td>3:31-3:45</td>
<td>Discussion/Questions</td>
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### ATRIAL SEPTAL and LEFT ATRIAL APPENDAGE INTERVENTIONS (Breakout) Room 301/302

**Moderators:** John Carroll, YY Lam, Anthony Nobles

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
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<tbody>
<tr>
<td>4:00-4:12</td>
<td>Present status of PFO Closure: Indications, Guidelines, and Unanswered Questions</td>
<td>John Carroll</td>
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<tr>
<td>4:26-4:38</td>
<td>Preparing for PFO Closure: What imaging and other testing is needed?</td>
<td>Eric Horlick</td>
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<tr>
<td>4:39-4:51</td>
<td>Preparing for LAA Occlusion: What imaging and other testing is needed?</td>
<td>Mark Reisman</td>
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<td>4:52-5:04</td>
<td>Performing PFO Closure: Routine and challenging cases</td>
<td>Horst Sievert</td>
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<tr>
<td>5:05-5:17</td>
<td>Performing LAA Closure: Routine and Challenging cases</td>
<td>Kevin Walsh</td>
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<tr>
<td>5:18-5:30</td>
<td>Interventions on the Atrial Septum in Heart Failure</td>
<td>Joseph Vettukattil</td>
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2-3:45PM

**Breakout Room 304/305**

**NURSING AND ASSOCIATED PROFESSIONALS**

**Moderators:** Sharon Cheatham & Karen Iacono

- 2:00-2:12  Navigating Social Media in Health Care – Gina Langlois
- 2:13-2:25  How to Design & Test Biodesorbable Stents for CHD in the Animal Lab – Emily Kish
- 2:26-2:38  Endocarditis of Bioprosthetic Valves: Surgical & Transcatheter – Doff McElhinney
- 2:39-2:51  Assessing the Surgically Repaired RVOT for Transcatheter Pulmonary Valve – Matt Gillespie
- 2:52-3:04  3-D Printing for Education & Interventional Planning – Joseph Graziano
- 3:05-3:17  Using 3-D Overlay for Intervention – Darren Berman
- 3:18-3:30  Accreditation for the Cardiac Cath Lab – Joanne Chisholm
- 3:30-3:45  Discussion/Questions

4-5:30PM

**PICES Session (Breakout) Room 304/305**

**“Innovation on the Fly”**

**Moderators:** Jeff Zampi, Sara Trucco, Shawn Batlivala, Mike Seckeler, Nathan Taggart

- 4:00-4:15  PICES Business Meeting
- 4:15-4:30  Varun Aggarwal - SVC syndrome: Venous Recanalization and “Train-Track” Technique for Venous Bifurcation
- 4:30-4:45  Neil Patel – Attempted Antegrade Stent Implantation for Coarctation Post-Norwood Operation
- 4:45-5:15  Ziyad Hijazi - "Real-time Innovation in the Lab: Tips from a 'Master' Interventionalist"
- 5:15-5:30  Questions/Discussion/Concluding Remarks

5:45PM

**PICS-AICS Achievement Award**

Main Session 3rd Level

6:00– 7:30PM

**PediaVascular Supporting Device Development – The Shark Tank**

**Main Session – 3rd Level**

**Moderators:** Tim Moran, Martin Bocks, Matt Gillespie, William Hellenbrand, Dan Levi, Lynn Peng
FRIDAY SEPTEMBER 7

6:00-7:00AM   PICS-AICS 5K Run

6:45am-5:00AM  Registration
               Convention Center 3rd Level Foyer

7:00-8:15AM  Breakfast Available – Exhibit Hall 3rd Level

7:00am-5:00AM  Poster Abstracts
               Convention Center 3rd Level Foyer

7:00 – 8:00AM  MODERATED Poster Abstracts
               Convention Center 3rd Level Foyer
               Moderators: Mario Carminati, Alex Javois

8:00 – 8:15AM  Update on Live Cases 2017
               Kiran Mallula

8:15-10:30AM  LIVE CASES – New York, Cincinnati, San Diego
               Moderators: William Hellenbrand, Ralf Holzer
               Panelists: Jeremy Asnes, Abraham Rothman,
                           Martin Bocks, Joshua Murphy, Gejun Zhang

10:15-10:45AM  Coffee Available – Exhibit Hall 3rd Level

10:45AM-1:00PM  LIVE CASES – New York, Cincinnati, San Diego
               Moderators: John P Cheatham, Alan Nugent
               Panelists: Marco Papa, Charles Mullins, Nguyen Lan Hieu,
                          Wail Alkashkari, Sahar El-Shedouy

12:45-1:15PM  Lunch Available – Exhibit Hall 3rd Level

1:10-2:00PM  TAPED CASES – Philadelphia – Yoav Dori,
              Cairo – Sonia El-Saiedi, Sydney – Philip Roberts
              Moderators: Richard Ringel, Brent Gordon
              Main Session – 3rd Level
2-3:45PM

WORKING WITH REGULATORS – GLOBAL SUMMIT ON DEVICE DEVELOPMENT
Main Session – 3rd Level

Moderators: Ziyad M Hijazi, Tom Forbes, John P Cheatham
Panelists: Nicole Ibrahim, Zahid Amin, Shakeel Qureshi, Hideshi Tomita, Sertac Cicek, Mami Ho, Sara Takahashi, Satashi Yasukochi

2:00-2:12 Challenges to Bringing a Device to Market – Where do I start?
Matt Gillespie

2:13-2:25 Strategies Introduced by the FDA to Streamline Device Approval
Nicole Ibrahim

2:26-2:38 Use of Registries to Support Device Approval
Tom Forbes

2:39-2:49 HBD-Children: Japanese Regulatory Perspective:
Mami Ho

2:50-3:00 US-Japanese Initiatives to Harmonize Device Approval - HBD-Children
Hideshi Tomita

3:01-3:13 Where is Europe in all of this?
Tom Melvin (via Skype)

3:15-3:45 Panel Discussion

2-4:00PM

SPANISH SESSION (Breakout) Room 301/302
Moderator: Horacio Faella, Carlos Zabal, Alejandro Peirone

2:00-2:10 My Experience with Lepu devices – An Overview
Raul Arrieta

2:11-2:21 New Imaging Technologies for CoA Stenting
Juan Pablo Sandoval

2:22-2:32 Tips and Tricks for LAA closure
Daniel Aguirre

2:33-2:43 Collaboration between Adult and Pediatric Interventionalists: Argentinian Experience
Oscar Mendiz

2:44-2:54 Experience with the Venus valve in LATAM
Alejandro Peirone

2:55-3:05 Abernathy Syndrome: What the Hell is it and How do I Treat it?
Henri Justino

3:06-3:16 Acute and Follow-up Outcomes of Melody in the Mitral Position
Gianfranco Butera

3:17-3:27 Lymphatic Interventions in Patients With Congenital Heart Disease
Daniel Springmuller

Debate: Transcatheter closure of PDA’s in Premature Infants is Worthwhile

3:28-3:38 Pro: Joaquim Miro

3:39-3:49 Con: Jacqueline Kreutzer

3:50-4:00 Questions/Discussion

3:30-4:00PM Coffee Available – Exhibit Hall 3rd Level
4-5:30PM  **DUCTAL INTERVENTIONS - Main Session 3rd Level**
**Moderators:** Brian Morray, Henri Justino

4:00-4:12  Vascular Approach – Which Vessel for Which Morphology? – Chris Petit
4:13-4:25  Techniques for Dealing with Branch Pulmonary Artery Stenosis – Mazeni Alwi
4:26-4:38  Comparative Outcomes with BTTS – Alex Javois
4:39-4:51  Putting it All Together: A Standardized Approach to PDA Stenting – Athar Qureshi
4:52-5:04  Morphology and Imaging of the premature PDA – Evan Zahn

PDA closure in Premature Infants

5:05-5:15  Montreal Approach – Joaquim Miro
5:15-5:25  Turkish Approach – Nazmi Narin

4-5:30PM  **REGISTRIES, DECISION MAKING, QUALITY AND OUTCOMES (Breakout) Room 304/305**
**Moderators:** Ralf Holzer, Lisa Bergersen

4:00-4:10  15 years of C3PO and 10 Years of IMPACT – We have come a long way but what have we learned? - Lisa Bergersen
4:11-4:21  From Data to Decisions: Decision Making in Pediatric Cardiology - Colin Mc Mahon
4:22-4:32  Can we adequately risk-adjust for extremely high-risk cases? – David Nykanen
4:33-4:43  The Use and Impact of Registry Data: A Surgeon’s Perspective - Mark Galantowicz
4:44-4:54  The Use and Impact of Registry Data: An Interventionalists Perspective - Ralf Holzer
4:55-5:05  What Have Registries Recently Told Us - John Moore
5:10-5:30  Round table discussion on the use and impact of registry data - All presenters

4-5:30PM  **CCISC CASE PRESENTATIONS and CONTROVERSIES (Breakout)Room 301/302**
**Moderators:** Thomas Forbes, Olivier Ghez

4:00-4:12  Abnormal Venous Anatomy Pre-Fontan - Kiran Mallula
4:13-4:25  Vocal Cord Paralysis Following PA Stenting - David Balzer
4:26-4:38  Intimal Flap in a RV-PA Conduit - Gianfranco Butera
4:39-4:51  Pre-stenting is necessary for tPVR in the Native RVOT - Ahmet Celebi
4:52-5:04  ECMO Cannulation – Is this is the Realm of the Interventionalist? – Gareth Morgan
5:05-5:17  Still “Compliance Testing” pre-CoA Stenting – Really?! - Mario Carminati
5:18-5:30  Discussion/Questions
7:00-10:00PM

**PICS-AICS Dinner Event**

MGM Splash Pool

Just us for a cocktail reception, dinner, dancing and great Las Vegas Entertainment.

Best Oral Abstract, Kleinman Award and Young Leadership Award will be presented.
SATURDAY SEPTEMBER 8

6:45am-5:00pm  Registration  
Convention Center 3rd Level Foyer

7:00-8:15AM  Breakfast Available – Exhibit Hall 3rd Level

7:00am-5:00pm  Poster Abstracts  
Convention Center 3rd Level Foyer

7:00-8:00AM  MODERATED Poster Abstracts - 3rd Level Foyer  
Moderators: JV DeGiovanni, Gareth Morgan

8:00-9:20AM  LIVE CASES – Memphis, Seattle  
Main Session – 3rd Level  
Moderators: Carlos Pedra, Lee Benson  
Panelists: Hasri Samion, Sertac Cicek, Horacio Faella, Satoshi Yasukochi

9:30-11AM  DEVELOPMENTS IN STRUCTURAL HEART DISEASE with relevance to CONGENITAL HEART DISEASE  
Main Session – 3rd Level  
Moderators: Cliff Kavinsky, John Carroll

9:30-9:40  Management of Large Bore Arterial Access and its Complications – Issam Moussa

9:41-9:51  MitraClip in Congenital Heart Patients – Scott Lim

9:52-10:02  Percutaneous Therapies for Tricuspid Valve Disease – Reda Ibrahim

10:03-10:13  Collaborating in Management of Coronary Arterial Fistula – Mark Osten

10:14-10:24  TAVR in a Patient with Bicuspid Aortic Valve Disease – Case Presentation – Hussam Suradi

10:25-10:35  Atrial Septal Interventions for Heart Failure – Saibal Kar

10:36-10:51  Taped Case – Robert Lederman

11-11:30AM  Coffee Available - Exhibit Hall 3rd Level

11:30AM-1PM  LIVE CASES – Memphis, Seattle  
Moderators: JV DeGiovanni, Ziyad Hijazi  
Panelists: Daniel Aguirre, Oscar Mendiz, Alejandro Peirone, Pan Xin

1:00-1:30PM  Lunch Available – Exhibit Hall 3rd Level

1:10 – 2:30PM  MY NIGHTMARE CASE IN THE CATH LAB  
Moderators: Shakeel Qureshi, Damien Kenny
### HYBRID CASE PRESENTATIONS

**Moderators:** Mark Galantowicz, Lynn Peng

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:30-2:42</td>
<td>My Best Hybrid Case – TBD</td>
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<tr>
<td>2:43-2:55</td>
<td>Hybrid Stenting of Aortic Coarctation – Carlos Pedra</td>
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<tr>
<td>2:56-3:08</td>
<td>Hybrid Interventions in Small Infants – Damien Kenny</td>
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<tr>
<td>3:09-3:21</td>
<td>Hybrid PA Stenting – Dietmar Schranz</td>
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<tr>
<td>3:22-3:34</td>
<td>Hybrid Pulmonary Valve Replacement – Zahid Amin</td>
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<tr>
<td>3:35-3:47</td>
<td>My Best Hybrid Case – Jamil Aboulhosn</td>
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<td>3:50-4:00</td>
<td>Discussion/Questions</td>
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### PUSHING THE BOUNDARY IN ASIA

**Moderators:** Levent Saltik, Jae Young Choi (Breakout)

**Room 304/305**

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>2:30-2:42</td>
<td>Transcatheter Closure of VSD’s in Smaller Infants – Levent Saltik</td>
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<tr>
<td>2:43-2:55</td>
<td>Experience With Closure of Very Large ASD’s – K. Sivakumar</td>
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<tr>
<td>2:56-3:08</td>
<td>Echo Guidance for Transcatheter Interventions – Update on the Pan Approach – Xiang Bin Pan</td>
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<tr>
<td>3:09-3:21</td>
<td>Self-expanding Transcatheter Pulmonary Valve Replacement - Experience from Asia – Worakan Promphan</td>
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<tr>
<td>3:22-3:34</td>
<td>PDA Closure With Severe PAH – The Pakistan Experience – Masood Sadiq</td>
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<td>3:35-3:47</td>
<td>Thinking outside the box in a limited resource environment – tips and tricks to deal with complications – Bharat Dalvi</td>
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<td>3:50-4:00</td>
<td>Discussion/Questions</td>
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</tbody>
</table>

### BATTLE OF THE CONTINENTS

**Moderator:** Damien Kenny

### FINAL COMMENTS

**Best Poster Abstract Award**

**Exhibit Passport Winner**

Ziyad M. Hijazi