

SCIENTIFIC PROGRAM

Pediatric and Adult Interventional Cardiac Symposium (PICS & AICS 2012)

Sunday April 15, 2012

Industry Sponsored Workshops

8:45 AM - 4:00PM

1:00 - 2:00PM Lunch

2:00 – 4:00PM

4:00 – 4:30PM Break

PICS-AICS CME Sponsored Program

4:30 - 6:00PM

Oral Abstract Presentations

Room 1: **John Bass, BG Alekyan, Julie Vincent**

Room 2: **David Nykanen, Tarek Momenah, Alex Javois**

Room 3: **Alpay Celiker, Larry Latson, Robert Vincent**

6:00 - 8:00PM

Welcome Reception

SCIENTIFIC PROGRAM

Pediatric and Adult Interventional Cardiac Symposium (PICS & AICS 2012)

Monday April 16, 2012

6:30 - 7:45AM	Continental Breakfast/Visit Exhibits
Morning Session:	Moderators: Ziyad M. Hijazi, John P. Cheatham, Thomas K. Jones
8:00 - 8:05AM	Welcome Ziyad M. Hijazi, MD
8:05 - 8:15AM	Live Case 2011 Update Damien Kenny, MD
8:15 - 10:00AM	Live Cases (Italy/Israel/Copenhagen) Panelists: Teiji Akagi, Hideshi Tomita, Raul Rossi, Seong-Ho Kim, Francisco Chamie
10:00 - 11:45AM	Live Cases (Italy/Israel/Copenhagen) Panelists: BG Alekryan, Dan Levi, Matt Gillespie, Alejandro Peirone, Jae Young Choi
10:30 - 11:00AM	Coffee Available
11:45 AM - 1:00PM	Live Cases (Italy/Israel, Copenhagen) Panelists: Michael deMoor, Krishna Kumar Dietmar Schranz, Bharat Dalvi, Werner Budts
1:00 - 2:00PM	Lunch Break/Visit Exhibits
Afternoon Session:	
2:00 - 5:30 PM	Breakout Session #1: Imaging Session - ICSCIT Moderators: Girish Shirali, Craig Fleishman, David Roberson

2:00 - 3:40 PM	
2:00 - 2:10PM	3-Dimensional Roadmapping for Guidance of Interventional Procedures Tom Fagan
2:10 - 2:20PM	Exit Angiography – Is it worth the hassle? Ralf Holzer
2:20 - 2:30PM	Imaging During Hybrid P rocedures Craig Fleishman
2:30 - 2:40PM	CT Evaluation Following Transcatheter Closure of ASD's - Can it offer us new insights? John Carroll
2:40 - 2:50PM	Relevance of Advancements in CT Imaging to Patient Selection and Procedural Guidance Anthony Hlavacek
2:50 - 3:10PM	Interventional Cardiovascular MRI :Robert Lederman
3:10 - 3:20PM	Application of New Echocardiography Modalities to Assess Impact of Interventional Procedures Simone Fontes-Pedra
3:20 - 3:20PM	How to Choose A Candidate for Mitral Clip Repair of the Mitral Valve Jeff Soble
	Discussion
3:40 - 4:00PM	Coffee Break
	Case Examples:
4:00 - 4:10PM	Complex ASD Closure – ICE vs TEE Achi Ludomirsky
4:10 - 4:20PM	Echo-guided PDA Closure Neil Wilson
4:20 - 4:30PM	3-D TEE for Complex ASD Closure David Roberson

4:30 - 4:40PM Rotational Angiography for PA Stenting

Evan Zahn

4:40 - 4:50PM ASD Closure in Adults Using Micro TEE

Shak Qureshi

4:50 - 5:00PM ICE for Pulmonary Valve Implantation

Qi-Ling Cao

5:00 - 5:10PM Intraprocedural Imaging for TAVR

Robert Siegel

5:10 - 5:20PM IVUS During Coarctation Stenting

John P. Cheatham

5:20 - 5:30PM Discussion

2:00 - 5:30PM

Breakout Session #2:

Neonatal Cardiac Catheterization

Moderators: Felix Berger, Kevin Walsh

2:00 - 2:10PM Adjustment for Risk Method in Neonatal Catheterization –
Standardizing Risk

Lisa Bergersen

2:10 - 2:20PM Catheterization in the Premature or Low Birth Weight Infant –
What Is Feasible and What Is Not!

Neil Wilson

2:20 - 2:30PM Bedside Echo-guided Atrial Septostomy -
Should This Be The Approach of Choice?

Howard Weber

2:30 - 2:40PM Catheter Management of the Restrictive Atrial Septum in
Hypoplastic Left Heart Syndrome

Dietmar Schranz

2:40 - 2:50PM Catheterization in Neonates On ECMO – Tips and Tricks!

Alex Javois

2:50 - 3:00PM Balloon Aortic Valvuloplasty in Critical Valvar Aortic Stenosis –
Approach Is Key!

Raul Rossi

- 3:00 - 3:10PM Stenting of the Arterial Duct as an Alternative to Surgical Shunts –
How Far Can We Push?
Mazeni Alwi
- 3:10 - 3:20PM Debate 2: RVOT Stenting is a Superior Approach to a Surgical Shunt in
Neonates With Tetralogy of Fallot and Inadequate Pulmonary Blood Flow
Pro: **Lee Benson**
- 3:20 - 3:30PM Con: **Emile Bacha**
- 3:30 - 3:35PM **Discussion**
- 3:40 - 4:00PM Coffee Available
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- 2:00 - 5:30PM** Breakout Session #3
Nursing And Associated Professional Breakout Session
Moderators: Mary Heitschmidt, MSN, APN,
Sharon L. Hill, ACNP-BC, PhD(c), Kathleen Nolan, RT
- 2:00 - 2:15PM Imaging for Interventional Cardiac Cath – From Fetus to Adult
Simone Pedra, MD
- 2:15 - 2:30PM Maternal CHD – Outcomes of Interventional Cardiac Cath During Pregnancy
Jill Swinning, MSN, APN
- 2:30 - 2:45PM Emergencies in the Cath Lab
Tom Jones, MD
- 2:45 - 3:00PM Transcatheter Pulmonary Valve Replacement – Better Than A Redo!
Ruby Whalen, RN CCRC
- 3:00 - 3:30PM What is a valve clinic? Trial Updates
Mary Heitschmidt, MSN, APN, Tiana Riley, MSN, APN
- 3:30 - 3:45PM The Alphabet Soup for Cardiac Catheterization Registries...
What Does It All Mean?
Ralf Holzer, MD
- 3:45 - 4:00PM IMPACT Registry What do we get out of it?
Joan Michaels, RN

4:00 - 4:30PM Radiation follow-up Who's responsible?
Rush protocol: **Kathleen Nolan, RTR**
NCH protocol: **Jason Swinning, RTR, RCIS**

4:30 - 5:30PM **"Analyze This" Session**
Stacey Froemming, RCIS & Kathleen Nolan, RTR

2:00 - 3.30 PM **Breakout Session #4**
Transcatheter Aortic Valve Replacement
Moderators: Ziyad M. Hijazi & Gregory Fontana

2:00 - 2:10PM Pathological Specimens of Calcific AS
Paul Weinberg

2:10 - 2:20PM Starting An Aortic Valve Program
James Hermiller

2:20 - 2:30PM Pre-procedural Risk Assessment
Reda Ibrahim

2:30 - 2:40PM Advanced Imaging Modalities Pre-and Post TAVR –
Patient Selection and Valve Assessment
Robert Sommer

2:40 - 2:50PM Vascular Complications –
How To Minimize Them and How to Deal With Them!
John Lasala

Parade of 4 New Valves
Valve Advantages/Features/FIM

2:50 - 2:55PM The Colibri Valve: **David Fish**
2:55 - 3:00PM The St. Jude Valve: **Raj Makkar**
3:00 - 3:05PM The Lotus Valve: **Ted Feldman**
3:05 - 3:10PM The Jena Valve: **Hans Figulla**

3:10 - 3:20PM Debate 3: Surgeons Are Better Placed to Run Aortic
Valve Programs in the Future
3:20 - 3:30PM Pro: **John Alexander** Con: **Eric Horlick**

4:00 - 5:30 PM

Breakout Session #5

Transcatheter Aortic Valve Replacement

Moderators: Clifford Kavinsky & Hans Figulla

4:00 - 4:10PM

Commercialization of the Edwards SAPIEN Valve -
Impact of Ongoing Trials and Patient Selection

Raj Makkar

4:10 - 4:20PM

Defining Competencies for TAVR

Ziyad Hijazi

4:20 - 4:30PM

Transfemoral vs Transapical Approach –
Patient Selection and Outcomes

Gregory Fontana

4:30 - 4:40PM

Novaflex – Has it made a difference?

Mike Mullen

4:40 - 4:50PM

Impact of Aortic Valve Calcification on Paravalvar Leaks
and Coronary Ostial Occlusion

Brian Whisenant

4:50 - 5:00PM

Impact of TAVR on Mitral Valve Function

Clifford Kavinsky

5:00 - 5:10PM

Valve-in-Valve Deployment –
Learning From Experience Outside the US

Horst Sievert

5:40 - 5:55PM

PICS/AICS Achievement Award

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Tuesday, April 17, 2012

6:30 - 7:45AM	Continental Breakfast/Visit Exhibits
7:00 - 7:45AM	IMPACT Registry
Morning Session:	Moderators: William Hellenbrand, David Balzer, Lee Benson
8:00 - 9:45AM	Live Cases (Chicago (RUMC), Columbus, Montreal) Panelists: Mark Galantowicz, Makram Ebeid, John Rhodes, Robert Vincent, Jacek Bialkowski
9:45 - 11:35AM	Live Cases (Chicago, Columbus, Montreal) Panelists: Zoltan Turi, Masood Sadiq, Jou-Kou Wang, Maiy El Sayed, Terry King
11:35 AM - 1:05PM	Live Cases (Chicago, Columbus, Montreal) Panelists: Francisco Garay, Roberto Cubeddu, Horacio Faella, Francisco Chamie, Bharat Dalvi
10:00 - 10:30AM	Coffee Available
1:05 - 2:00PM	Lunch/Visit Exhibit
	Oral Abstract Finals Moderators: BG Alekyan, Tarek Momenah, Larry Latson
Afternoon Session:	
2:00-5:30 PM	PICS Breakout Session #6 (Young Interventionalist Group) Moderators: Damien Kenny & Dan Gruenstein
2:00 - 2:10PM	Welcome: Dan Gruenstein

2:10 - 2:40PM Guest Lecture: "Creating a Career Niche -
Revascularization of Thrombosed Vasculature in Pediatric Patients"
Henri Justino

2:40 - 4:10PM Case Presentations
(6 presentations - 15 minutes each, including discussion) -
Moderators: Dan Gruenstein & Brent Gordon

4:10 - 4:30PM Break

4:30 - 5:30PM PICES Meeting - Updates from Executive Board -
Pres, Secretary, Chairs of Research/Clinical
- New Business
- PICES and International/Developing Countries: **Damien Kenny**
- SCAI resources

2:00 - 3:45PM **Breakout Session #7**
ASD, VSD and PDA closure in Adults
Moderators: Donald Hagler, Jacek Bialkowski, Michael de Moor

2:00 - 2:10PM PDA Closure in Adults – A Different Beast!
Carlos Zabal

2:10 - 2:20PM ASD Closure Using Bioabsorbable Devices – Update!
Mike Mullen

2:20 - 2:30PM ASD Closure In Patients with Pulmonary Hypertension
Olaf Franzen

2:30 - 2:40PM ASD's I Shouldn't Have Closed
Eric Horlick

2:40 - 2:50PM Membranous VSD Closure: New Devices – Same Issues?
Mario Carminati

2:50 - 3:00PM Closure of Iatrogenic Post-infarct VSD's: How Can We
Compare Device Closure to Surgical Closure?
Zahid Amin

3:00 - 3:10PM Debate 4: ASD Closure is a Specialist Procedure and
Should Only Be Performed by Interventionists Trained in CHD
For: **Tom Forbes**
3:10 - 3:20PM Against: **Clifford Kavinsky**

3:20 - 3:30PM Debate 5: Device Erosion After ASD Closure is Rare,
But Unpredictable, Therefore We Should Not Close
ASD's in the Cath Lab!
For: **Michel Ilbawi**
3:30 - 3:40PM Against: **John Bass**

Discussion

2:00 - 3:45PM **Breakout Session # 8**
Percutaneous Mitral and Tricuspid Valve Therapies
Moderators: Ted Feldman, Robert Sommer, Horst Sievert

2:00 - 2:10PM Pathological Specimens of Mitral Valve Disease
Paul Weinberg

2:10 - 2:20PM Percutaneous Mitral Valve Repair – Patients to Avoid
Saibal Kar

2:20 - 2:30PM Update from REALISM
Ted Feldman

2:30 - 2:40PM Mitral Valvuloplasty in Developing Countries – A Lesson To Us All
Krishnan Kumar

2:40 - 2:50PM Complicated Mitraclip Cases – What You Need to Know
James Hermiller

2:50 - 3:00PM Mitral Paravalvar Leaks – Have we made progress in the last 20 years?
Zoltan Turi

3:00 - 3:10PM Transcatheter Tricuspid Valve Replacement – World Experience
Evan Zahn

3:10 - 3:20PM	Debate 6: Percutaneous Mitral Valve Therapies Should Be Restricted to Patients Not Suitable for Surgical Repair? For: Pat McCarthy
3:20 - 3:30PM	Against: Raj Makkar
	Discussion
3:45 - 4:15PM	Coffee Available
4:15 - 6:00PM	Breakout Session #9 Update on Stenting in CHD Moderators: Charles Mullins, Mike Tynan, Geoffrey Lane
4:25 - 4:35PM	Indications and Outcomes for COAST II Richard Ringel
4:25 - 4:35PM	Neo-intimal Proliferation Following Stenting: Precipitants and Treatment Options Felix Berger
4:35 - 4:45PM	Evolving Stent Design – Have We Really Made Progress? Tom Forbes
4:45 - 4:55PM	Customizing the Stent to Fit the Anatomy Frank Ing
4:55 - 5:05PM	Pulmonary Artery Stenting in Infants – Can We Avoid Further Surgery? Phil Moore
5:05 - 5:15PM	Double Wire Technique for Aortic Coarctation Stent Placement Marc Gewillig
5:15 - 5:25PM	Transcatheter Fenestration of the Fontan – Butterfly Stents Dietmar Schranz
5:25 - 5:35PM	Pre-stenting of the RV-PA Conduit Prior to Valve Implantation – Is there a downside? Matt Gillespie

Debate 7: Stenting PDA/banding PA's Should be the 1st
Step for Palliation of HLHS

5:35 - 5:45PM

For: **Mark Galantowicz**

5:45 - 5:55PM

Against: **Michel Ilbawi**

Discussion

4:15 - 6:00 PM

Breakout Session #10

The Heart Brain Symposium & PFO Summit

Moderators: Ziyad M. Hijazi & John Rhodes

4:15 - 4:25PM

Pathological Specimens of PFOs, LAA

Paul Weinberg

4:25 - 4:35PM

PFO: Device Choice and Residual Shunt – Does it matter?

Horst Sievert

4:35 - 4:45PM

PFO and Stroke – Does Genetics Play a Role?

John Lasala

4:45 - 4:55PM

Putting PFO Trials on Trial – Do We Really Need This Data?

Werner Budts

4:55 - 5:05PM

Left Atrial Appendage Occlusion – Would I refer a family member?

Carlos Pedra

5:05 - 5:15PM

Evolving LAA Occlusion Device Designs

Brian Whisenant

5:15 - 5:25PM

Valve Delivery Approach Influences Incidence of Stroke in TAVR

Hans Figulla

Debate 8: The Presence of Migraine in Patients With

Cryptogenic Stroke Should Not Influence Decision to Close PFO

5:25 - 5:35PM

For: **Robert Cubeddu**

5:35 - 5:45PM

Against: **Mark Reisman**

Discussion

7:00PM

GALA Dinner

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Wednesday April 18, 2012

6:30 - 7:45AM

Continental Breakfast/Visit Exhibits

Morning Session:

Moderators: Carlos Pedra, John Cheatham, Mario Carminati

8:00 - 9:45AM

Live Cases (Chicago, Seattle, Denver)

Panelists: Panelists: Tarek Momenah, Robert Siegel, Yun Ching Fu, Miguel Granja, Richard Ringel

9:45 - 11:35AM

Live Cases (Chicago Seattle, Denver)

Panelists: Panelists: Dan Greunstein, Henri Justino, Wei Gao, Alpay Celiker, Ali Halabi

10:00 - 10:30AM

Coffee Available

11:35AM - 1:05PM

Live Cases (Chicago, Seattle, Denver)

Panelists: Waqar Ahmed, Mazeni Alwi, Teiji Akagi, Makram Ebeid, Trong-Phi Le

1:05 - 2:00PM

Lunch Break

Afternoon Session:

2:00 - 3:30PM

Breakout Session #11

My Nightmare case in the Cath Lab.

Moderators: Neil Wilson, Shak Qureshi

2:00 - 3:30PM

Breakout Session #12

Complex Structural Interventions

Moderators: Clifford Kavinsky, David Nykanen, Saibal Kar

2:00 - 2:10PM

Occlusion of Coronary Artery Fistulae –
Success and Failures & Long-term Outcome

David Balzer

Stenting in Adults With Aortic Coarctation –
Complications and How to Avoid Them

Elchanan Bruckheimer

LAA Occlusion – Technical Perils

Kevin Walsh

Ruptured Sinus of Valsalva Aneurysm Occlusion - Longer Term Outcomes

Donald Hagler

Hybrid Approach for Post-infarct VSD Closure

Zahid Amin

Occlusion of Complex Collaterals – Thinking Outside the Box

Frank Ing

3:00 - 3:10PM

Debate 9: All VSD's Should be Closed in Adults - Irrespective of Size

For: **Wei Gao**

3:10 - 3:20PM

Against: **Richard Ringel**

2:00 - 3:30PM

Breakout Session #13

Pulmonary Valve Interventions

Moderators: William Hellenbrand, Ziyad M. Hijazi, Jackie Kreutzer

2:00 - 2:10PM

Balloon Pulmonary Valvuloplasty– If it's not broken....

Larry Latson

2:10 - 2:20PM

Transcatheter Pulmonary Flow Restrictors–Same Old Story?

When are we going to have them?

John Cheatham

2:20 - 2:30PM

Cutting Balloon Angioplasty in Severe RVOT Obstruction

Marc Gewillig

2:30 - 2:40PM Transapical Implantation of TPV in Small Children With Early Conduit Failure. Should we do this?

Evan Zahn

2:40 - 2:50PM Melody and SAPIEN – We need both!

Kevin Walsh

2:50 - 3:00PM Advanced Imaging After Pulmonary Valve Replacement – Is it really necessary?

Julie Vincent

3:00 - 3:10PM CPET Before & After Pulmonary Valve Replacement – Is it really necessary?

Damien Kenny

Debate 10: Surgically Implanted Valves are More Durable Than Transcatheter Valves in the Pulmonary

3:10 - 3:20PM For: **Emile Bacha**

3:20 - 3:30PM Against: **Philip Bonhoeffer**

3:30 - 5:00PM

Round Table Discussions (Coffee Available)

Moderators: Ziyad M. Hijazi, John Cheatham, Carlos Pedra

1. Pediatric Catheterization: Guidelines but do we need standards?

Discussants: Evan Zahn, William Hellenbrand, Michel Ilbawi, Damien Kenny, Richard Ringel

2. Intervention in Developing Countries:

No Cohesive Strategy

Discussants: Daniel Levi, Charles Mullins, Shak Qureshi, Francisco Garay, Bharat Dalvi

Lecture: ASD Closure in the Developing Countries – Challenges and Solutions

Masood Sadiq

ASD closure in the Developing World –

Case Example: **Rasha Ammar**

5:00 PM

Closing Remarks:

Ziyad M. Hijazi