



PICS-AICS
Pediatric and Adult Interventional Cardiac Symposium

Daily Briefing

SUNDAY PRE-SYMPOSIUM INDUSTRY WORKSHOPS



- **Tuesday** - April 17th: Nationwide Children's Hospital, Columbus, OH; Montreal Heart Institute, Canada; Rush University Medical Center, Chicago, IL;
- **Wednesday** - April 18th: University of Colorado Medical Center, Denver, CO; Seattle Children's Hospital, Seattle, WA

After the morning live cases, the afternoon breakout sessions will run in parallel each day to ensure full coverage of various topics in congenital and structural heart disease. There will also be special breakout sessions for nurses and technologists, and younger interventionalists. In addition, there will be discussion sessions on interventional therapies in the developing world and the need for standards of care in interventional therapies.

PICS~AICS 2012 to Showcase the Best in Interventional Techniques for Structural Heart Disease

By Karim Diab, MD

Greetings from Chicago and *PICS-AICS 2012*, the 16th annual scientific sessions of this meeting which is solely dedicated to interventional therapies for congenital and structural heart disease in children and adults. After repeated successful meetings, *PICS-AICS* returns to the "windy city" promising a comprehensive program that will cover various aspects of interventional therapies together with imaging modalities applied pre-, intra- and post-procedures in congenital and structural heart disease, from the neonate to the adult. Each year, the *Daily Briefing* from *Congenital Cardiology Today* is used to follow the events of the meeting, and brief you on major sessions and the latest news. This year is no exception, and the *Daily* will follow each day's events, bring you a recap of the day's sessions and a preview of the following day. You can find it at the registration desks or online at www.CongenitalCardiologyToday.com!

This year's conference at *PICS-AICS* is breaking new ground by adjusting its format. The mornings will be dedicated entirely for live case transmissions until 1:00 pm. This will ensure continuous non-interrupted transmission of live case interventions, the hallmark of this meeting. On the other hand, the afternoons will feature multiple breakout sessions so attendees can choose what topics meet their educational interests and goals. The usual successful sessions at the meeting (e.g. *Hot Debates*, *My Nightmare Case in the Cath Lab*) will continue to take place, and new sessions have been added to spark interest in newer interventional therapies and hot topics. This year, there



will be total of 13 breakout sessions and 9 hot debates, promising coverage of key topics presented by a world-renowned faculty. Attendees will also notice that there will be more time given for interaction from the audience with dedicated time for discussion during the breakout sessions so that attendees will have the opportunity to interact with the faculty, and present their own thoughts and ideas.



Similar to last year's meeting, the first day of *PICS-AICS* will feature industry-sponsored workshops that will focus on special devices and techniques. This will be followed by 3 simultaneous sessions for the oral abstract presentations from which the best three will be presented in the Grand Auditorium during the meeting for selection of the best overall abstract. The first day will end with a Welcome Reception in the Chicago Ballroom 5th Floor at 6:00 pm.

On Monday, live case transmissions will take off with each morning featuring satellite transmissions from Europe and the Middle East demonstrating the latest in medical device technology and techniques. There will be a total of 23 live cases this year, which will be transmitted via satellite as follows:

- **Monday** - April 16th: Tel Aviv, Israel; Copenhagen, Denmark; Rome, Italy

Due to the increased focus on imaging modalities, and the importance of imaging for the success of any intervention, a breakout session on *Imaging in Congenital and Structural Cardiovascular Interventional Therapies* (ICSCIT) will take place on Monday; it will be directed by Dr. Girish Shirali.

Additional sessions will focus on various aspects of congenital and structural heart disease lesions with special sessions on transcatheter treatment options for neonatal congenital heart disease, pulmonary valve and pulmonary artery pathology, transcatheter aortic valve replacement, percutaneous pulmonary, tricuspid and mitral valve therapies, and a session dedicated to the most up-to-date options for stent implantation.

Similar to last year's meeting, the successful "*Heart-Brain Symposium & PFO Summit*" will continue this year at *PICS* with a breakout session on Tuesday that will discuss the complexity of managing the pathology associated with PFO, left atrial appendage occlusion and percutaneous valve therapies associated with stroke.

Hence, this year *PICS-AICS* promises an extensive educational program that goes beyond ground-breaking science and interventional device technology with multiple sessions presented in a variety of formats from oral and poster presentations to *Hot Debates*, dozens of breakout sessions, *My Nightmare Case in the Cath Lab*, and Live case transmissions, which are the backbone of the meeting. This year will also see *PICS* recognize endeavors in more fundamental research with *The PICS Scientific Scholarship Award*, and a scholarship prize of \$5,000 USD to the winner of the best abstract specifically submitted for consideration for this award.

For more on the meeting's events and hot topics, keep checking the *Daily Briefing* from **CCT!**



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SUNDAY PRE-SYMPOSIUM INDUSTRY WORKSHOPS

Industry Sponsored Workshops

The first day of PICS-AICS, and directly preceding the CME program, an Industry-Sponsored Workshop will be presented by St. Jude Medical, Gore and Cook Medical. This year, there will be three major sessions covering the following topics:

1. The development of Amplatzer technology for the treatment of structural heart disease.
2. ASD closure: a commitment to positive patient outcomes.
3. Pediatric cardiology and interventional radiology: a natural partnership for diagnosis and management of PAVM.

Below is a brief summary of the workshops offered on Sunday.

St. Jude Medical: The workshop day will kickoff with an overview on the development of Amplatzer devices and the technology used in the treatment of structural heart disease. The workshop, presented by St. Jude Medical, will run from 8:30 to 10:30 am. Dr. K. Walsh will present a historical review of the development of Amplatzer devices. Dr. J. Miro will discuss the ADO II AS (Amplatzer Duct Occluder II Additional Sizes) and the MEVSD2, with a review of the initial experience with these recent devices. Dr. J. Bass will then discuss the animal lab experience with the TorqVue FX.

Gore: After a short break, the second workshop will begin at 11:00 am, and will last until 1:00 pm. This workshop, presented by Gore, will focus on ASD closure using the GORE® HELEX® Septal Occluder. In brief, the GORE® HELEX® Septal Occluder was first used in Europe in 1999, and approved by the FDA in 2006 for the treatment of ASD. It is composed of ePTFE patch material supported by a single nitinol wire frame.



HELEX Septal Occluder device from Gore for ASD closure.

The workshop will start with Dr. M. Dunham presenting a review of the device, its material and its utility, followed by Dr. M. Kahn, who will discuss the importance of the material the device is made from. The workshop will then provide an opportunity to explore the worldwide data and experience with the HELEX® device (Dr. N. Wilson). Finally, Dr. T. Forbes will discuss some anatomic considerations when using the device for ASD closure.

Cook Medical: The third workshop will be presented by Cook Medical from 2-4:00 pm; it will focus on the diagnosis and management of pulmonary arteriovenous malformations from both the radiological and cardiac aspects. Two world-renowned interventionalists, Drs. R. White and J. Pollak, will focus on the diagnosis and treatment of hereditary hemorrhagic telangiectasia (HHT), and its most common manifestation, PAVM.



Drs. White and Pollak, who will be discussing management of PAVMs.

Dr. White will discuss the diagnostic approach of these malformations in children and adults, while Dr. Pollak will then review current embolization coil technology and techniques for treatment of standard and complex cases of PAVMs. The latest endovascular techniques and technologies will be discussed including, Cook Medical's full-line of devices to access, target and treat PAVM:

- **Access:** Micropuncture® Introducer Set, which offers pediatric options.
- **Target:** The Slip-Cath® Angiographic Catheter features Beacon® Tip radiopaque technology, as well as a stainless steel braid and hydrophilic coating. The Cantata® Superselective Microcatheter features a tip that can be hand-shaped without heat or steam, a stainless steel braid and five transition zones.
- **Treat:** Beyond the Tornado® coil, newer coils such as the Nester® and MReye® indicated for both arterial and venous embolization.

The workshop will end at 4:00 pm, and the first day of PICS-AICS will conclude with a Welcome Reception at 6-8:00 pm in the Chicago Ballroom 5th Floor. See you there!

What's New with PICS-AICS 2012?

Live Case Demonstrations: continuous live case transmissions are now daily, Monday-Wednesday, 8:00 am-1:00 pm.

Lectures and Multiple Breakout Sessions: will run in parallel in the afternoon, Monday-Wednesday, 2-5:30 pm.

Featured breakout sessions:

- **Imaging Session - ISCIT:** Monday - 2:00 pm. This will discuss major technical advances in pre-, intra- and post-procedural imaging techniques including TEE, CT, MRI, IVUS, ICE, 3D echo and rotational angiography.
- **Neonatal Cardiac Catheterization:** Monday - 2:00 pm. This session will address issues faced during cath in neonates such as in premature LBW infants, stenting of PDAs, patients with HLHS with restrictive ASD and critical AS.
- **Transcatheter AoV Replacement:** Monday - 2:00 pm. This session will discuss in details establishing an AoV program, selection criteria, imaging modalities and the new valves available.
- **Device closure of defects and the Erosion issue:** Tuesday - 2:00 pm. This will focus on new devices available as well as an interesting review and update on the issue of device erosion.
- **Percutaneous TV and MV Therapies:** Tuesday 2:00 pm. This will discuss the technique of percutaneous TV and MV therapies, world experience and complex cases.
- **Update on Stenting:** Tuesday - 4:00 pm. This promises to be a valuable most up-to-date review on options for stent implantation.

- **Heart-Brain Symposium and PFO Summit:** Tuesday - 4:00 pm. This session will focus on complex issues relating to stroke, PFO and LAA occlusion.
- **Pulmonary Valve Interventions:** Wednesday - 2:00 pm. This will focus on the RVOT and transcatheter PV implantation with discussion of imaging modalities pre- and post-procedure.

OVERVIEW OF THE WEEK'S LIVE CASES AT PICS

MONDAY

8:05-8:15 am - 2011 Live Case Update:
Damien Kenny

8:15-10:00 am - Live Cases (Petach Tikva/Copenhagen/Rome)
Panelists: Teiji Akagi, Hideshi Tomita, Raul Rossi, Seong-Ho Kim, Francisco Chamie, Christopher Petit, Manolis Pursanov

10:00-11:45 am - Live Cases (Petach Tikva/Copenhagen/Rome)
Panelists: Dan Levi, Matt Gillespie, Alejandro Peirone, Jae Young Choi

11:45 am-1:00 pm - Live Cases (Petach Tikva/Copenhagen/Rome)
Panelists: Michael deMoor, Dietmar Schranz, Bharat Dalvi, Werner Budts, Shiliang Jiang

TUESDAY

8:00-9:45 am - Live Cases (Columbus/Montreal/Chicago)
Panelists: Mark Galantowicz, Makram Ebeid, John Rhodes, Robert Siegel, Robert Vincent, Jacek Bialkowski

9:45-11:35 am - Live Cases (Columbus/Montreal/Chicago)
Panelists: Zoltan Turi, Masood Sadiq, Jou-Kou Wang, Maiy El Sayed, Terry King, Felipe Heusser

11:35 am-1:05 pm - Live Cases (Columbus/Montreal/Chicago)
Panelists: Francisco Garay, Roberto Cubeddu, Horacio Faella, Francisco Chamie, Bharat Dalvi

WEDNESDAY

8:00-9:45 am - Live Cases (Denver/Seattle)
Panelists: Tarek Momenah, Philipp Bonhoeffer, Miguel Granja, Christopher Petit

9:45-11:35 am - Live Cases (Denver/Seattle)
Panelists: Dan Greunstein, Henri Justino, Wei Gao, Alpay Celiker, Ali Halabi

11:35 am-1:05 pm - Live Cases (Denver/Seattle)
Panelists: Waqar Ahmed, Mazeni Alwi, Teiji Akagi, Makram Ebeid, Trong-Phi Le

Exhibit Passport Drawing for the new Apple iPad Winner Must Be Present

PICS Foundation
PEDIATRIC AND ADULT INTERVENTIONAL CARDIAC SYMPOSIUM

RUSH UNIVERSITY MEDICAL CENTER

RUSH CENTER for Congenital and Structural Heart Disease

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