

PICS-AICS 08 Daily Briefing

JULY 23 - WEDNESDAY: DAY 4

Recap of Tuesday, Day 3 PICS-AICS

By Karim Diab, MD



In yesterday's issue, we told you all about Tuesday's sessions; however, it is important to emphasize quickly some of the interesting sessions held that day.

The live cases broadcast during the morning session originated from Columbus, Detroit and San Diego. Dr. Cheatham and Dr. Galantowicz performed an interesting hybrid case on a 3.4 kg newborn with HLHS with aortic and mitral atresia. More and more interventionalists are becoming interested in this technique. A special session at PICS will be reserved for this topic on Wednesday afternoon for those of you who are curious about the results of this relatively new approach.

Drs. Moore and El Said presented an interesting and controversial case of a 6 year old asymptomatic child with paramembranous VSD with significant volume overload that was successfully closed with an Amplatzer Duct Occluder.

As promised, Drs. Miro and Burke hotly debated the best approach for native coarctation of the aorta in infants and children less than 5 yrs. of age. Dr. Miro presented the data supporting the advantages and cost effectiveness of balloon dilatation beyond the neonatal period in patients with favorable anatomy. He argued that the risk for aneurysmal formation is not significant post-balloon because most of these aneurysms are small, and do not progress on follow-up. He mentioned that it would be good to see new technologies evolve with the advent of new absorbable stents, which would clearly make this the approach of choice for younger patients. Dr. Burke advocated the surgical approach as the best treatment for native coarctation in this age group while saving balloon dilatation for recurrent coarctation.

Also yesterday, Dr. Hijazi presented his case of percutaneous PV implantation using a 23 mm Edwards Sapien THV. Interestingly, he performs these PV implantation interventions under ICE rather than TEE guidance. The case was successful with minimal gradient across the valve and no significant regurgitation.

Dr. Forbes presented a live case from Detroit for closure of a PDA in a 5 month old, 4.4 kg infant.

After more live cases in the afternoon, a comprehensive session on VSDs was held that covered echocardiographic evaluation of these defects, as well as the different closure approaches including percutaneous, periventricular and surgical approaches. Dr. Carminati emphasized that the most important risk factor for complications based on the results of the European Registry was age < 5 yrs., and thus recommended paramembranous VSD device closure beyond infancy (may be >4 yrs. of age). There still is concern of CHB post device closure though some cases have resolved at least temporarily after steroid therapy indicating an inflammatory response as a plausible etiology. Dr. Le discussed the use of the PFM VSD coil for restrictive VSDs up to 8 mm in size.

The breakout session in the afternoon discussing PFO closure for strokes and LAA closure, was particularly interesting, as well, and covered basic techniques for simple PFO closure to more challenging cases of closure of complex PFOs.

The final session on Tuesday covered PDA closure from basic to more complex cases, and common devices, as well as newer ones such as the ADO-II device, were discussed.

PICS Wednesday Preview

By Karim Diab, MD

PICS-AICS 2008 will conclude on Wednesday with a full schedule of live case transmissions and break out sessions.

The morning will start with live cases from Cincinnati (Dr. Hirsch), Orlando (Dr. Nykanen) and Vancouver (Dr. Webb).

A special lecture will be dedicated to a relatively common intervention: Dr. Ing will discuss the indications for pericardiocentesis and provide some helpful technical tips.

A separate breakout session is specially designed for nurses and technicians involved in the catheterization laboratory. This new session at PICS will address topics such as how to create an inventory management in the cardiac catheterization suite, the use of anesthesia versus sedation during interventional procedures; and vessel closure techniques and surgical procedures commonly performed in the cardiac catheterization suite.

After additional live cases from Cincinnati, Orlando and St. Louis, the afternoon will kick off once again with the ever-popular

"my nightmare case in the cath lab" session. This session provides a forum for those of you who would like to present and discuss your interesting and challenging cases and how similar complications can be avoided in the future. The floor will also be open to those of you who would like to benefit from the experts' advice on particular cases that we've seen in the previous sessions.

Following the cath lab open forum, additional live cases will be transmitted from Cincinnati, St. Louis and Vancouver. Afterwards, Dr. Akagi will discuss management strategies for vascular thrombosis. Also, Dr. Kavinsky will talk about available vascular closure devices.

Late afternoon on Wednesday will include a session on hybrid intervention for HLHS from both surgical and catheterization perspectives by Dr. Galantowicz and Dr. Schranz, respectively. This session will also present the results of this relatively new intervention for a persistently challenging lesion.

Dr. Rome will then discuss indications and techniques to create ASDs in the catheterization laboratory. The final session will provide some insight on what to expect in the near future in the area of interventional cardiology for congenital and structural heart disease from leaders in the field.

Dr. Pedra's closing remarks at the end of the session concludes PICS-AICS 2008.

SAVE THE DATE
The next PICS-AICS 2009 will be held in Cairns, Australia from June 21-23, 2009, just prior to the Fifth World Congress of Pediatric Cardiology and Cardiac Surgery. Be sure to save the date for a long break next year!!



PICS Photographer Extraordinaire
A special Thank You to Dr. Qi-Ling Cao, who provided many of the Daily's photos.

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JULY 23 - WEDNESDAY

WEDNESDAY AT A GLANCE

7:00 – 8:00 am - Breakfast / Exhibits

Morning Session - Moderators: *Mario Carminati, Horacio Faella, Martin Leon*

8:00-10:00 am - Live Cases #1 -

Cincinnati, Orlando, St. Louis, Vancouver

10:00-10:30 am - Break / Exhibits

10:30-10:45 am - Pericardiocentesis: Indications and Technical Tips! - *Frank Ing*

10:45 AM-12:45 pm - Live Cases #2 -

Cincinnati, Orlando, St. Louis, Vancouver

1:00-2:00 pm - Lunch Session / My

Nightmare Case in the Cath Lab #3 - Moderators: *Neil Wilson, Horacio Faella, Cesar Esteves*

Afternoon Session - Moderators: *Ziyad M. Hijazi, Evan Zahn, Carlos Pedra*

2:00-4:00 pm - Live Cases #3 -

Cincinnati, Orlando, St. Louis, Vancouver

4:00-4:15 pm - Vascular Thrombosis: Management Strategies - *Teiji Akagi*

4:15-4:30 pm - Vascular Closure Devices - *Cliff Kavinsky*

4:30-5:00 pm - Hybrid Intervention: The Hypoplastic Left Heart

5:00-5:15 pm - When & How to Create ASDs in The Cath Lab - *Jack Rome*

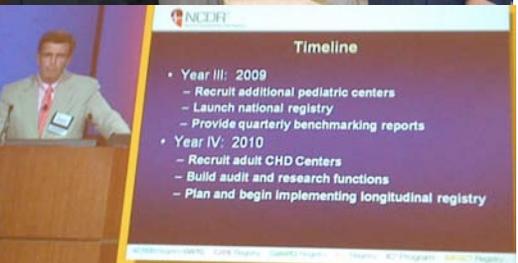
5:15-6:00 pm - What is New on the Horizon? - *John Rhodes, Tom Forbes, Philipp Bonhoeffer, Achi Ludomirsky, John Cheatham, Richard Ringel*

6:00 pm - Closing Remarks- *Carlos Pedra*

Breakout Session #3

10:30-12:00 pm - Nursing/Technician Breakout Session - Moderators: *Sharon Hill, MSN, ACNP-BC*

Pictures From PICS-AICS 2008

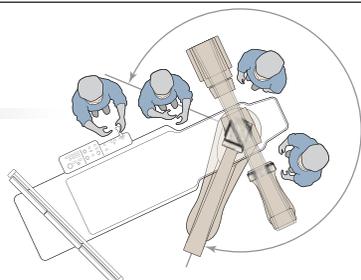


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