

## *Introduction to the Supplement*

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FLORIDA IS THE FOURTH LARGEST STATE IN THE United States of America. “Heart Week in Florida” is a joint collaborative project sponsored by The Children’s Hospital of Philadelphia and The Congenital Heart Institute of Florida. The cardiac programme of Children’s Hospital of Philadelphia is one of the largest and most prestigious comprehensive cardiac programmes in the world. The Congenital Heart Institute of Florida is the largest programme providing services for patients with congenital cardiac disease in Florida. Both institutions are very grateful to Bob Anderson, and the team at Cardiology in the Young, for their support of “Heart Week in Florida”, and for the opportunity to publish this Supplement. Bob Anderson was a valued faculty member, and tremendous supporter, of both the fourth annual International Symposium on Congenital Heart Disease held at All Children’s Hospital and University of South Florida, and the seventh annual Update on Pediatric Cardiovascular Disease organized by Children’s Hospital of Philadelphia.

The seventh annual symposium of the Cardiac Center at The Children’s Hospital of Philadelphia was held in Orlando, Florida, in February 2004. This marked the seventh consecutive year that the group from Philadelphia has gathered an international and multidisciplinary faculty in Orlando to provide a comprehensive update on issues in the delivery of paediatric cardiovascular care. As stated on the web site for the Philadelphia programme “Providing optimal care for neonates, children and young adults with heart disease requires a multidisciplinary team approach, including physicians (from cardiology, cardiac surgery, cardiothoracic anesthesia, neonatal and pediatric critical care medicine, and multiple consulting services), nurses, perfusionists, respiratory therapists, social workers and many others. All of these various practitioners must be experts in their own area, but should also be knowledgeable in what the other members of the team provide to the overall care of the patient.”<sup>1</sup> This statement represents the rationale for not only the annual Philadelphia meeting in Orlando, but also for “Heart Week in Florida”. The faculty chosen by the team from Philadelphia for their meeting held in 2004 was chosen from 15 institutions, and included 60 professionals presenting more than 125 plenary talks,

mini-symposiums, and small group sessions, covering all aspects needed for the care of children and young adults with cardiovascular disease. A highlight of the meeting is the featured lectures in Cardiology, Cardiac Surgery, and Nursing. The featured Surgical Lecture, the “C. Walton Lillehei, M.D. Lecture”, has been presented by Thomas R. Karl in 2000, by Marc de Leval in 2001, Aldo R. Castaneda in 2002, Thomas L. Spray in 2003, and by William G. Williams in 2004. The featured Cardiology Lecture, the “William J. Rashkind, M.D. Lecture”, has been presented by Thomas P. Graham in 2002, Welton M. Gersony in 2003, and Jane W. Newburger in 2004. The featured Nursing Lecture has been given by Jane Barnsteiner in 2000, Nancy Eckle in 2001, Catherine K. Madigan in 2002, Patricia A. Hickey in 2003, and Mary Fran Hazinski in 2004. In 2005, the respective lectures will be given by Edward L. Bove, Norman H. Silverman, and Elisabeth C. Smith. Bob Anderson was part of the faculty for 2004, and will again return in 2005, when the faculty will again include more than 60 professionals from 25 institutions in the United States of America, South America, Canada, and the United Kingdom.

The fourth annual symposium organized by the Congenital Heart Institute of Florida, held in February 2004 at the All Children’s Hospital and The University of South Florida, was devoted to echocardiographic, anatomic, surgical, and pathologic correlations of congenital cardiac disease, focusing on the ventriculo-arterial junctions. Our Symposium to be held in 2005, coinciding with the appearance of this Supplement, will mark the fourth consecutive year that Bob Anderson has travelled to Saint Petersburg, Florida as a Featured Guest Speaker. In 2002, at our Second Annual Symposium, the focus of our four-day meeting was the abnormalities of the ventricular inlets and atrioventricular valves, with a full day devoted to echocardiography, followed by three single days spent discussing the tricuspid valve, the mitral valve, and the common atrioventricular valve. In 2003, at our third annual symposium, the focus of our four-day meeting was controversies concerning the hypoplastic left heart syndrome, again beginning with a full day devoted to echocardiography, followed by three single days, this time discussing staged palliation by means of the Norwood sequence, replacement therapy by cardiac transplantation, and biventricular repair of hypoplastic left heart syndrome. A feature of the symposium was the numerous debates. In 2003, our featured guest speakers, in addition to Bob Anderson, were Leonard L. Bailey

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and his wife Nancy, from Loma Linda University Medical Center, Loma Linda, California. The proceedings of the meeting were published in 2004 as a Supplement to *Cardiology in the Young*.<sup>2</sup> In 2004, at our fourth annual symposium, the focus of our four-day meeting was controversies concerning the ventriculo-arterial junctions, again beginning with a full day devoted to echocardiography, followed by three single days, this time discussing the pulmonary valve and reconstructions of the right ventricular outflow tract, the aortic valve and the Ross procedure, and the arterial switch procedure. Once again, a feature of the symposium was the numerous debates. In 2004, our featured guest speaker, in addition to Bob Anderson, was Martin J. Elliott, also from Great Ormond Street. Bob Anderson will again return in 2005, when our other featured guest speaker will once again be from Great Ormond Street, namely Marc de Leval. The focus of our meeting in 2005 will be controversies concerning the functionally univentricular heart, again beginning with a full day devoted to echocardiography, and followed by three single days discussing shunts and bands, the Glenn and Fontan Procedures, and cardiac transplantation, again with daily debates.

The Congenital Heart Institute of Florida, and the Children's Hospital of Philadelphia, are also now pleased to confirm our ongoing partnership to continue "Heart Week in Florida", combining the Annual International Symposium on Congenital Heart Disease organized by the All Children's Hospital and The University of South Florida with the Annual Postgraduate Course in Neonatal and Pediatric Cardiovascular Disease organized by Children's Hospital of Philadelphia. We thank Gil Wernovsky, Director of the meeting organized by Children's Hospital of Philadelphia, as well as Tina Mannices, Manager of Continuing Medical Education at the Children's Hospital of Philadelphia, and also Tom Spray and Bill Gaynor, for their support. In 2006, the meeting arranged by Children's Hospital of Philadelphia will begin to alternate between Florida and Arizona on a yearly basis. Thus, "Heart Week in Florida" will occur every 2 years, but the joint *Cardiology in the Young* Supplement will remain an annual publication, combining the proceedings from both of these "sister" meetings.

The Supplement that you are now about to read, therefore, focuses on Controversies concerning the Ventriculo-arterial Junctions, combined with other topics. It includes the proceedings of the symposium that took place from 13 through 17 February, 2004, in Saint Petersburg, Florida, and the proceedings of the symposium that took place from 25 through 29 February, 2004, in Orlando, Florida. It will have multiple sections. Part 1 will review the anatomy and echocardiographic evaluation of the ventriculo-arterial

connections. The next section will review the anatomy and echocardiographic features of tetralogy of Fallot, and will discuss the management of pulmonary insufficiency. Part 3 will review the anatomy of transposition, or discordant ventriculo-arterial connections, and will discuss fetal evaluation, surgical management, and long term follow-up of this lesion. The next section will review indications and techniques for surgical repair of aortic and truncal valves. Part 5 will focus on protection of the brain during congenital cardiac surgery. The final section will discuss a variety of issues related to caring for patients with congenital cardiac disease, including analysis of data, training, organization of the cardiac intensive care unit, quality of life, intraoperative imaging, and databases for congenital cardiac disease.

I would like to thank Bob Anderson for all of his help, support, trust, and patience during the preparation of this Supplement. I would also like to thank my good friends and co-editors of this Supplement, Gil Wernovsky and J. William Gaynor. I would also like to thank several members of our team at All Children's Hospital, namely Gary Carnes, President and Chief Executive Officer of All Children's Hospital, Joel Momberg, Cindy Rose, Pat Clark, Melodye Seals, Ron Volden, Tina Merola, Kas Sheehan and all our cardiac nurses. I would also like to thank the other Directors of our St. Petersburg meeting: James C. Huhta, Robert Boucek, Richard Martinez, and James A. Quintessenza. This meeting was initiated by Jim Huhta, and I am grateful that he gave me the opportunity to work with him. The meeting would not have been possible without his leadership and vision. Finally, I would like to thank my partners, Jim Quintessenza, Paul Chai, and Harald Lindberg, and my former partner Victor Morell, for their constant support and guidance, and my wife Stacy, and children Jessica and Joshua, for their understanding and patience. All of the family members of the authors of the reviews included in this supplement are owed a debt of gratitude, because writing manuscripts markedly decreases the time available with one's family.

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1. <http://www.chop.edu/cardiology2005/>, accessed November 15, 2004.
2. Jacobs JP, Anderson RH (eds). Controversies relating to the hypoplastic left heart syndrome. *Cardiol Young* 2004; 14 (Suppl 1): 1-130.