

Seminars in Thoracic and Cardiovascular Surgery  
**Pediatric Cardiac Surgery Annual**  
**2013**



An Official Publication of the American Association for Thoracic Surgery

---

**Thomas L. Spray**  
*Editor*  
**Emile Bacha**  
*Guest Editor*

Preface	1
<i>Thomas L. Spray</i>	
Introduction	2
<i>Emile Bacha</i>	
Individualized Approach in the Management of Patients With Hypoplastic Left Heart Syndrome (HLHS)	3
<i>Emile A. Bacha</i>	
Pitfalls in Repair of Conotruncal Anomalies	7
<i>Olivier Raisky and Pascal R. Vouhé</i>	
Low Birth Weight and Very Low Birth Weight Neonates with Congenital Heart Disease: Timing of Surgery, Reasons for Delaying or not Delaying Surgery	13
<i>V. Mohan Reddy</i>	
Neonatal Cardiac Care, a Perspective	21
<i>Ganga Krishnamurthy, Veniamin Ratner, and Emile Bacha</i>	
Unbalanced Atrioventricular Septal Defect: Defining the Limits of Biventricular Repair	32
<i>David M. Overman, Kirsten B. Dummer, Francis X. Moga, and David B. Gremmels</i>	
Strategies to Maintain Biventricular Circulation in Patients With High-Risk Anatomy	37
<i>Sitaram M. Emani and Pedro J. del Nido</i>	
The Neonatal Hypoplastic Aortic Arch: Decisions and More Decisions	43
<i>Stephen M. Langley, Rachel E. Sunstrom, Richard D. Reed, Andrew J. Rekito, and Rabin Gerrah</i>	
The Norwood Procedure: In favor of the RV-PA Conduit	52
<i>David J. Barron</i>	
Neonatal Cardiopulmonary Bypass	59
<i>Philippe Pouard and Mirela Bojan</i>	
In Favor of the Hybrid Stage 1 as the Initial Palliation for Hypoplastic Left Heart Syndrome	62
<i>Mark Galantowicz</i>	