Frontiers in Fontan Failure:  
Long-Term Strategies

Presented by Children’s Healthcare of Atlanta,  
Emory University School of Medicine  
and the Congenital Heart Center of Georgia

Sunday, September 27,  
and Monday September 28, 2015

The Westin Buckhead Atlanta  
3391 Peachtree Rd NE  
Atlanta, GA 30326

choa.org/cmeevents
Frontiers in Fontan Failure: Long-Term Strategies
Presented by Children’s Healthcare of Atlanta, Emory University School of Medicine and the Congenital Heart Center of Georgia

Early Registration (ends Friday, September 11)
- $380 – Physicians
- $370 – Medical Staff, Children’s Healthcare of Atlanta and Emory School of Medicine
- $250 – Other Healthcare Professionals
- $240 – Employees, Children’s Healthcare of Atlanta and Emory School of Medicine

Registration Fees after Friday, September 11, 2015: Add $50

Daily parking at the Westin Buckhead is included in the registration fees. Overnight parking is available for the reduced fee of $15 valet and $10 self-park.

Refund Policy: If you need to cancel your registration, notify us at least seven days before the course and we will issue a refund (minus $25 administrative fee). No-shows or cancellations received fewer than seven days prior to the course are ineligible for a refund.

Credit card, check and Children’s Healthcare of Atlanta departmental accounts are acceptable for payment.

Register Online
Visit choa.org/cmeevents to register
Call 404-785-7703 if you are not able to register online.

General Information

Course Description and Target Audience
This course will focus on the management of the failing Fontan patient and will address solutions to lifelong problems. This course is designed for pediatric cardiologists, adult congenital cardiologists, surgeons, hepatologists and advanced practice providers.

Course Objectives
At the conclusion of the activity, learners will be able to:
- Recognize when the Fontan circulation is failing.
- Discuss how the physiology of Fontan failure necessitates a change in medical management.
- Distinguish when liver disease is severe and determine best treatment options.
- Identify psychosocial issues related to long-term outcomes of Fontan palliation.
- Describe how the cardiac, hepatic and pulmonary subsystems can affect long term Fontan physiology.
- Identify potential therapies to improve Fontan outcomes.
Sunday, September 27, 2015

7:30 a.m.  Registration and continental breakfast

8 a.m.  **Introduction and welcome remarks**
Course Director: Michael McConnell, M.D.

8:10 a.m.  **Overview of the Problem**
  a.  **When and Why to do a Fontan?**
      Fred H. (Rusty) Rodriguez, III, M.D.
  b.  **Overview: Operation and Survival**
      Brian Kogon, M.D.
  c.  **Long-Term Outcomes**
      Robert W. Elder, M.D.
  d.  **Assessing Changing Fontan Physiology**
      Maan Jokhadar, M.D.

10:15 a.m.  Break

10:30 a.m.  **Management of the Failing Fontan – Part 1**
  a.  **Recognizing the Problem (Hemodynamic Patterns)**
      Wendy Book, M.D.
  b.  **Chronotropic Incompetence and Fontan Failure, Are the Two Related?**
      Michael Lloyd, M.D.
  c.  **Medical Management**
      Anne Marie Valente, M.D.

Panel Discussion
Fred H. (Rusty) Rodriguez, III, M.D., Brian Kogon, M.D., Robert W. Elder, M.D., Maan Jokhadar, M.D., Wendy Book, M.D., Anne Marie Valente, M.D.

12:30 p.m.  Lunch

1:30 p.m.  **Management of the Failing Fontan – Part 2**
  a.  **Liver Disease: Recognition**
      Rene Romero, M.D.
  b.  **Serial Observation: Recognizing Decompensated Hepatic Disease. How Do We Know When the Patient is Getting Worse or is Inoperable?**
      Ryan Ford, M.D.
  c.  **Liver Disease: Prevention**
      Gruschen Veldtman, M.D.
  d.  **Liver Transplantation**
      Joseph F. Magliocca, M.D.

Panel Discussion: Tying All the Organisms Together
Wendy Book, M.D., Anne Marie Valente, M.D., Ryan Ford, M.D., Rene Romero, M.D., Craig Broberg, M.D., Gruschen Veldtman, M.D., Joseph Magliocca, M.D.

3:30 p.m.  Break
Agenda

3:45 p.m.  
**Psychosocial Concerns**  
a. **Patient Concerns: Addressing Declining Quality of Life**  
   Adrienne Kovacs, Ph.D.  
b. **What We Do to Keep Patients In Care**  
   Anne Marie Valente, M.D.  
c. **What Providers Can Do Better**  
   Patients

**Panel Discussion**  
Arwa Saidi, M.D., Adrienne Kovacs, Ph.D., Craig Broberg, M.D., Larry Markam, M.D., Doug Moodie, M.D.

5:30 p.m.  
Adjourn

6 p.m.  
**Dinner doors open**  
All registered attendees are invited to attend. Dinner is complimentary and registration is required.

**Why We Need a Collaborative Fontan Consortium and How We Can Get There** – Wendy Book, M.D.

---

Monday, September 28, 2015

7:30 a.m.  
**Registration and continental breakfast**

8 a.m.  
**How to Lessen Fontan Morbidity: Surgical Options**  
a. **Computer Assisted Fontan Design**  
   Kirk Kanter, M.D.  
b. **Fontan Variants**  
   Brian Kogon, M.D.  
c. **Novel Engineering Approaches to the Fontan Circulation**  
   Kevin Maher, M.D.  
d. **Stem Cell Therapies and Fontan Patients**  
   Rebecca Levit, M.D.

9:40 a.m.  
**Break**

10 a.m.  
**Viewpoints: Fontan Surgery**  
**Fontan Surgery: Delay as Long as Possible**  
Gruschen Veldtman, M.D.  
**Fontan Surgery: Perform at 2 Years of Age**  
William Mahle, M.D.

**Panel Discussion: What Should Our Next Steps Be? How Do We Best Disseminate this Information?**  
George Lui, M.D., Gary Webb, M.D., Michelle Gurvitz, M.D., Alexander Opotowski, M.D., Curt Daniels, M.D.

11:30 a.m.  
**Closing remarks**  
Michael McConnell, M.D.

Noon  
Adjourn

_The agenda is subject to change._
General Information

Continuing Education Credit

Physician Education

Children’s Healthcare of Atlanta is accredited by the Medical Association of Georgia to provide continuing medical education for physicians.

Children’s designates this live activity for a maximum of 11.75 AMA PRA Category 1 Credits™. Physicians should claim only credit commensurate with the extent of their participation.

Nurse Education

Children’s Healthcare of Atlanta is an approved provider of continuing nursing education by the Georgia Nurses Association, an accredited approver by the American Nurses Credentialing Center’s Commission on Accreditation.

Nursing Contact Hours: 11.0

Location/Accommodations

The Westin Buckhead Atlanta
3391 Peachtree Rd NE
Atlanta, GA 30326

A group block has been reserved at a rate of $199 per night (plus taxes) for a standard room. To make reservations, call 1-800-253-1397 or 404-365-0065 and indicate you are attending the Children’s Healthcare of Atlanta Failing Fontan Conference. Reservations should be made by September 11, 2015, to receive this reduced rate. All reservations made after September 11, 2015, will be based upon space and rate availability.
Course Directors
Michael McConnell, M.D.
Pediatric Cardiologist
Sibley Heart Center Cardiology
Associate Professor of Pediatrics
Assistant Professor of Medicine
Emory University School of Medicine

Fred H. (Rusty) Rodriguez, III, M.D.
Pediatric Cardiologist
Sibley Heart Center Cardiology
Assistant Professor
Pediatrics and Internal Medicine
Emory University School of Medicine

Planning Committee
Brian Kogon, M.D.
Chief, Cardiothoracic Surgery
Pediatric Cardiologist
Sibley Heart Center Cardiology
Assistant Professor of Surgery
Division of Pediatric Cardiothoracic Surgery
Emory University School of Medicine

Wendy Book, M.D.
Director, Emory Adult Congenital Heart Center
Professor, Cardiology
Emory University School of Medicine

Faculty
Ryan Ford, M.D.
Assistant Professor of Medicine
Emory University School of Medicine

Maan Jokhadar, M.D.
Assistant Professor of Medicine
Emory University School of Medicine

Kirk Kanter, M.D.
Director, Heart Transplant Program
Children’s Healthcare of Atlanta
Professor, Cardiothoracic Surgery
Emory University School of Medicine

Rebecca Levit, M.D.
Assistant Professor of Medicine
Emory University School of Medicine

Joseph Magliocca, M.D.
Assistant Professor of Surgery, Division of Transplantation
Emory University School of Medicine

William Mahle, M.D.
Associate Professor
Children’s Sibley Heart Center
Department of Pediatrics
Emory University School of Medicine
Medical Director, Heart Transplant and Heart Failure Service
Children’s Healthcare of Atlanta

Rene Romero, M.D.
Joseph H. Moss Chair, Pediatric Hepatology and Liver Transplantation
Medical Director, Pediatric Liver Transplant Program
Clinical Director, Pediatric Hepatology Program Director, Pediatric Transplant Hepatology Fellowship Program
Children’s Healthcare of Atlanta

Conference Coordinator
Kalen Parks, C.M.P.
Children’s Healthcare of Atlanta
kalen.parks@choa.org
Phone 404-785-7624

Conference and Registration Information
Kelli Mann
Children’s Healthcare of Atlanta
kelli.mann@choa.org
Phone 404-785-7703
Fax 404-785-7817
Guest Faculty
Curt Daniels, M.D.
Director, Adolescent and Adult Congenital Heart Disease
Nationwide Children’s

Robert W. Elder, M.D.
Pediatric Cardiology, Adult Congenital Heart Disease
Assistant Professor of Pediatrics and Internal Medicine
Yale School of Medicine

Michelle Gurvitz, M.D.
Attending, Department of Cardiology
Boston Children’s Hospital
Instructor of Pediatrics, Harvard Medical School

Adrienne Kovacs, Ph.D.
Assistant Professor
University of Toronto
Toronto Congenital Cardiac Centre for Adults, Peter Munk Cardiac Centre
University Health Network

George Lui, M.D.
Clinical Assistant Professor, Pediatrics, Cardiovascular Medicine
Stanford School of Medicine
Medical Director, The Adult Congenital Heart Program at Stanford

Kevin Mahler, M.D.
Founding Member and Associate Director, Center for Pediatric Nanomedicine
Director, Pediatric Cardiac Nanomedicine
Associate Director, Atlanta Pediatric Device Consortium
Director, Cardiac Intensive Care Unit
Sibley Heart Center Cardiology Associate Professor of Pediatrics
Emory University School of Medicine

Larry Markham, M.D.
Associate Professor of Pediatrics
Associate Professor of Medicine
Vanderbilt University School of Medicine

Douglas S. Moodie, M.D.
Associate Chief, Pediatric Cardiology
Texas Children’s Hospital
Associate Director, Pediatric Cardiology/Fellowship Training Program
Professor, Department of Pediatrics/Section of Pediatric Cardiology
Baylor College of Medicine

Alexander Opotowski, M.D., M.P.H.
Assistant in Cardiology
Assistant Professor of Pediatrics
Harvard Medical School
Boston Children’s Hospital

Arwa Saidi, M.D.
Associate Professor, Department of Pediatrics and Internal Medicine
Director, Adult Congenital Heart Disease Program
University of Florida

Ann Marie Valente, M.D.
Children’s Hospital Boston
Outpatient Director, Boston Adult Congenital Heart (BACH) and Pulmonary Hypertension Program
Co-Director, Pregnancy and Cardiovascular Program at Brigham and Women’s Hospital

Gruschen R. Veldtman, M.B.Ch.B., F.R.C.P.
Professor of Pediatrics
Medical Director, Inpatient CAACHD Service, The Heart Institute
Cincinnati Children’s Hospital Medical Center

Gary Webb, M.D.
Director, Cincinnati Adolescent and Adult Congenital Heart Disease Program
Professor, University of Cincinnati, Department of Pediatrics