1st Annual Advances in Pediatric and Congenital Heart Care: From Single Ventricle to Failing Fontan

Friday, September 16 – Saturday, September 17, 2016

Cleveland Clinic InterContinental Hotel and Bank of America Conference Center
Cleveland, OH

Featuring:
Shunji Sano, MD
Leonard Bailey, MD

www.ccfcme.org/pediatric-congenital
Keynote Speakers

Friday, September 16, 2016

Shunji Sano, MD
Professor, Cardiothoracic Surgery
Okayama University Medical Center, Japan
Will present

*Modification to Myocardial Regeneration in Norwood Procedure*

Leonard Bailey, MD
Surgery, Pediatric Heart Surgery
Loma Linda University Medical Center Loma Linda, CA
Will present

*History and Current Status of Neonatal Transplantation*

Location
Cleveland Clinic
InterContinental Hotel, Bank of America Conference Center
9801 Carnegie Ave.
Cleveland, Ohio 44106

Registration
Friday September 16, 2016 7:00am

Continental Breakfast
7:00am-7:50am

Lectures begin
Friday September 16, 2016 8:00am
Saturday September 17, 2016 8:00am
Overview

Medical and surgical guidelines for the identification and management of pediatric and adult patients with single ventricle anatomy. It has become increasingly difficult for clinicians to stay current with available options. The goal of these options is to improve patient outcomes that have an impact on quality of life. The format of this course is to provide multiple short lectures followed by vibrant panel discussions. Ample time will be allotted for participation by the audience with question and answer sessions.

Target Audience

The course is designed for physicians, fellows, residents and allied health professionals in pediatric and adult cardiology, cardiothoracic surgery, critical care medicine and pediatrics.

Objectives

1. Describe the possible neonatal interventions and their results.
2. Compare the surgical interventions to the long-term outcomes.
3. Describe why Fontan procedures fail, how to avoid failure with medical and surgical interventions.
4. Identify the alternatives to single ventricle being heart transplantation and assist devices, and the results of those interventions.

Accreditation Statement

The Cleveland Clinic Foundation Center for Continuing Education is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Cleveland Clinic Foundation Center for Continuing Education designates this live activity for a maximum 11.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Participants claiming CME credit from this activity may submit the credit hours to the American Osteopathic Association for Category 2 credit.

Faculty Disclosure Statement

The Cleveland Clinic Foundation Center for Continuing Education has implemented a policy to comply with the current Accreditation Council for Continuing Medical Education Standards for Commercial Support requiring resolution of all conflicts of interest. Faculty declaring a relevant commercial interest will be identified in the activity syllabus.

Americans with Disabilities Act

The Cleveland Clinic Foundation Center for Continuing Education fully intends to comply with the legal requirements of the Americans with Disabilities Act. If you need assistance, please notify Janet Zaibek at 216.312.6178 at least two weeks prior to the activity.

Faculty

Course Co Directors

Hani Najm, MD
Cleveland Clinic
Cleveland, OH

Elizabeth Saarel, MD
Cleveland Clinic Children's
Cleveland, OH

Riyadh Abu-Sulaiman, MD
King Faisal Specialist Hospital and Research Center
Riyadh, Saudi Arabia

Yoav Dori, MD
The Children's Hospital of Philadelphia
Philadelphia, PA

Iki Adachi, MD
Texas Children's Houston, TX

Mark Galantowicz, MD
Nationwide Children's Hospital Columbus, OH

Fahad Al Habshan, MD
King Abdulaziz Cardiac Center
Riyadh, Saudi Arabia

Michael Gatzoulis, MD
Royal Brompton Hospital London, UK

Peter Aziz, MD
Cleveland Clinic Children's Cleveland, OH

Vera Hupertz, MD
Cleveland Clinic Children's Cleveland, OH

Leonard Bailey, MD
Loma Linda University Medical Center
Loma Linda, CA

John Lane, MD
Akron Children's Hospital Akron, OH

Anjan Batra, MD
University of California Irvine Health
Orange, CA

Brian McCrindle MD
The Hospital for Sick Children Toronto, Canada

Eugene Blackstone, MD
Cleveland Clinic
Cleveland, OH

Tarek Momenah, MD
King Faisal Specialist Hospital and Research Center
Riyadh, Saudi Arabia

Gerald Boyle, MD
Cleveland Clinic Children's Cleveland, OH

Gosta Pettersson, MD
Cleveland Clinic
Cleveland, OH

Jeff Chapa, MD
Cleveland Clinic
Cleveland, Ohio

Lourdes Prieto, MD
Cleveland Clinic Children's Cleveland, OH

John Cheatham, MD
Nationwide Children's Hospital Columbus, OH

Shunji Sano, MD
Okayama University Medical Center, Japan

Sertac Cicek, MD
Anadolu Medical Center Istanbul, Turkey

Chris Snyder, MD
Rainbow Babies and Children's Hospital
Cleveland, OH

John Clark, MD
Akron Children's Hospital
Akron, OH

Robert Stewart, MD
Cleveland Clinic
Cleveland, OH

Delos M. Cosgrove, MD
Cleveland Clinic
Cleveland, OH

Glenn Van Arsdell, MD
The Hospital for Sick Children Toronto, Ontario, Canada

Eric Devaney, MD
Rady Children's Hospital San Diego, CA

Tarek Momenah, MD
King Faisal Specialist Hospital and Research Center
Riyadh, Saudi Arabia

Troy Dominguez, MD
Royal Brompton Hospital London, UK

Planning Committee

John Lane, MD
Gosta Pettersson, MD
Robert Stewart, MD
Janet Zaibek, CPNP
### 1st Annual Advances in Pediatric and Congenital Heart Care:
From Single Ventricle to Failing Fontan

**Friday, September 16, 2016**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
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<tbody>
<tr>
<td>7:00 am</td>
<td>Registration/Continental Breakfast/Exhibitors</td>
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<tr>
<td>8:00 am</td>
<td>Welcome and Opening Remarks – Vision 2020 of the Cleveland Clinic</td>
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<tr>
<td></td>
<td><em>Delos M. Cosgrove, MD</em></td>
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<tr>
<td>8:15 am</td>
<td>Why Fontans Fail</td>
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<td></td>
<td><em>Michael Gatzoulis, MD</em></td>
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<tr>
<td>8:30 am</td>
<td>Pre and Post-Operative Management of Single Ventricle</td>
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<td></td>
<td><em>Troy Dominguez, MD</em></td>
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<tr>
<td>8:45 am</td>
<td>Overview/Outcome of Surgery for Single Ventricle</td>
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<td></td>
<td><em>Brian McCrindle, MD</em></td>
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<tr>
<td>9:00 am</td>
<td>Discussion</td>
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<td></td>
<td><em>Michael Gatzoulis, MD; Troy Dominguez, MD; Brian McCrindle, MD</em></td>
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<tr>
<td>9:30 am</td>
<td>Break/Exhibitors</td>
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<tr>
<td>9:45 am</td>
<td>Modification to Myocardial Regeneration in Norwood Procedure</td>
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<td></td>
<td><em>Shunji Sano, MD</em></td>
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<tr>
<td>10:15 am</td>
<td>Atrioventricular Valve Repair in Single Ventricle</td>
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<td></td>
<td><em>Hani Najm, MD</em></td>
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<tr>
<td>10:30 am</td>
<td>Learning Curve for Surgery in Congenital Heart Disease: Single Ventricle</td>
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<td></td>
<td><em>Eugene Blackstone, MD</em></td>
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<tr>
<td>10:45 am</td>
<td>Discussion</td>
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<tr>
<td></td>
<td><em>Shunji Sano, MD; Hani Najm, MD; Eugene Blackstone, MD</em></td>
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<tr>
<td>11:15 am</td>
<td>History and Current Status of Neonatal Transplantation</td>
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<td></td>
<td><em>Leonard Bailey, MD</em></td>
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<td>11:45 am</td>
<td>Lunch/Exhibitors</td>
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<tr>
<td>12:00 pm</td>
<td>Lunch/Exhibitors</td>
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<tr>
<td>12:15 pm</td>
<td>Neonatal Surgery Versus Transplant for Single Ventricle</td>
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<td></td>
<td><em>Gosta Pettersson</em></td>
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<td>12:45 pm</td>
<td>Transplantation after Fontan: Tricks and Results</td>
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<td></td>
<td><em>Robert Stewart, MD</em></td>
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<tr>
<td>1:00 pm</td>
<td>Mechanical Assist Devices as a Bridge or Destination Therapy for Single Ventricle</td>
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<td><em>Iki Adachi, MD</em></td>
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<tr>
<td>1:15 pm</td>
<td>Discussion</td>
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<td></td>
<td><em>Leonard Bailey, MD; Gosta Pettersson, MD; Robert Stewart, MD; Iki Adachi, MD</em></td>
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<tr>
<td>1:45 pm</td>
<td>Break/Exhibitors</td>
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<tr>
<td>2:00 pm</td>
<td>Managing Ascites and Liver Disease in Fontan</td>
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<td></td>
<td><em>Vera Hupertz, MD</em></td>
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<tr>
<td>2:15 pm</td>
<td>Disorders in Patients with Single Ventricles</td>
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<td></td>
<td><em>Yoav Dori, MD</em></td>
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<td>2:30 pm</td>
<td>Managing AV Malformation in Single Ventricle</td>
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<td><em>John Cheatham, MD</em></td>
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<tr>
<td>2:45 pm</td>
<td>Discussion</td>
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<td></td>
<td><em>Vera Hupertz, MD; Yoav Dori, MD; John Cheatham, MD</em></td>
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<tr>
<td>3:15 pm</td>
<td>Radiation-free EP Intervention</td>
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<td></td>
<td><em>John Clark, MD</em></td>
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<tr>
<td>3:30 pm</td>
<td>Arrhythmia in Fontan and Medical/Intervention Management</td>
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<td></td>
<td><em>Elizabeth Saarel, MD</em></td>
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<td>3:45 pm</td>
<td>Discussion</td>
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<tr>
<td></td>
<td><em>John Clark, MD; Elizabeth Saarel, MD</em></td>
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<tr>
<td>4:15 pm</td>
<td>Patient Experience</td>
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<td><em>Moderated by: Elizabeth Saarel, MD</em></td>
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<tr>
<td>4:30 pm</td>
<td>Discussion</td>
</tr>
<tr>
<td>5:00 pm</td>
<td>Adjourn</td>
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<tr>
<td>6:00 pm</td>
<td>Dinner (optional)</td>
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There will be a reception/dinner on Friday evening September 16, 2016 at the DoubleTree Tudor Arms Hotel Grand Ballroom. Please consider attending to have an opportunity to meet the speakers in person and to further discuss topics of the day. An additional fee of $25.00 per registrant is required for the reception/dinner.
Saturday, September 17, 2016

7:30 am  Continental Breakfast/Exhibitors
8:00 am  Interventions in Single Ventricle  
          Lourdes Prieto, MD
8:15 am  How to Avoid Failure of Fontan  
          John Lane, MD
8:30 am  Managing Failing Fontan  
          Fahad Al Habshan, MD
8:45 am  Pregnancy in Fontan – Should we allow?  
          Jeff Chapa, MD
9:00 am  Discussion  
          Lourdes Prieto, MD; John Lane, MD;  
          Fahad Al Habshan, MD; Jeff Chapa, MD
9:30 am  Break/ Exhibitors
9:45 am  Debate: Should we Anticoagulate all Patients  
          After Fontan? – Pro Anticoagulation  
          Michael Gatzoulis, MD
10:00 am Debate: Should we Anticoagulate all Patients  
          After Fontan? – To not Anticoagulate  
          Troy Dominguez, MD
10:15 am  Discussion  
          Michael Gatzoulis, MD; Troy Dominguez, MD
10:45 am  Debate: Sano vs. BT Shunt vs. Hybrid –  
          Why Sano?  
          Shunji Sano, MD
11:00 am  Debate: Sano vs. BT Shunt vs. Hybrid –  
          Why BT Shunt?  
          Glenn Van Arsdell, MD
11:15 am  Debate: Sano vs. BT Shunt vs. Hybrid –  
          Why Hybrid?  
          Mark Galantowicz, MD
11:30 am  Discussion  
          Shunji Sano, MD; Glenn Van Arsdell, MD;  
          Mark Galantowicz, MD
12:00 pm  Adjourn
1st Annual Advances in Pediatric and Congenital Heart Care: From Single Ventricle to Failing Fontan

Conference Registration Fees
Fee includes: CME credits, continental breakfasts, lunch, breaks and faculty presentations. Friday night September 16, 2016 optional reception/dinner is an additional fee of $25.00

<table>
<thead>
<tr>
<th>Category</th>
<th>On or before 8/12/2016</th>
<th>After 8/12/2016</th>
<th>On Site 9/16/2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physicians</td>
<td>$150</td>
<td>$200</td>
<td>$250</td>
</tr>
<tr>
<td>Non-physicians</td>
<td>$125</td>
<td>$175</td>
<td>$225</td>
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<tr>
<td>Alumnus (10% disc)</td>
<td>$135</td>
<td>$180</td>
<td>$225</td>
</tr>
<tr>
<td>Resident/Fellow</td>
<td>$100</td>
<td>$125</td>
<td>$175</td>
</tr>
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Visit www.ccfcme.org/pediatric-congenital for complete registration information. Registration deadline is 5pm (EST) Tuesday September 13, 2016. To register after September 13, please do so on-site, for an additional fee.

For questions about registration, please call Elyse Custódio at 216.444.8912.

www.ccfcme.org/pediatric-congenital

Accommodations
Attendees are responsible for making their own hotel reservations. Be sure to ask for the Cleveland Clinic corporate rate.

Suggested hotels are:

**InterContinental Hotel**
9801 Carnegie Ave.
Cleveland, OH 44106
216.707.4100

**InterContinental Suites**
8800 Euclid Ave.
Cleveland, OH 44106
216.707.4100

**Holiday Inn Cleveland Clinic**
8650 Euclid Ave.
Cleveland, OH 44106
216.707.4200

**Doubletree Tudor Arms Hotel**
10660 Carnegie Ave.
Cleveland, OH 44106
216.445.1260