The Ahmanson/UCLA Adult Congenital Heart Disease Center presents

New Frontiers for the Fontan Survivor
Challenges, Opportunities and the Ultimate Destination of Heart/Liver Transplantation

Saturday, September 21, 2019
UCLA Meyer & Renee Luskin Conference Center
425 Westwood Plaza
Los Angeles, CA
SYMPOSIUM DESCRIPTION

This one-day symposium provides a comprehensive update on the long-term issues faced by adult Fontan survivors. The course focuses on patients with “failing” Fontan physiology and the available tools and therapies for the treatment of this challenging subset of patients, including updates on medical therapies, catheter-based and surgical techniques for palliation and support. The ultimate therapeutic options of orthotopic heart and multi-organ transplantation are covered in detail as the need grows in this aging Fontan population. The target audience includes adult and pediatric congenital cardiologists, congenital and transplant cardiac surgeons, heart failure/transplant specialists, hepatologists, liver transplant surgeons, cardiac intensivists, cardiology and cardiac surgery trainees, cardiac nurses, nurse practitioners and physician assistants.

SYMPOSIUM OBJECTIVES

At the completion of this program, attendees should be able to:
• Define the “failing” Fontan patient
• Utilize evidence-based medical therapies for treatment and surveillance of the Fontan survivor
• Diagnose Fontan associated liver disease
• Refer appropriate Fontan patients for catheter-based mechanical and electrical interventions
• Identify the role and the limitations of Fontan conversion surgery
• Identify Fontan patients that may benefit from transplantation or mechanical support
• Describe the short- and intermediate-term outcomes of single and multi-organ transplantation in Fontan patients

DAVID GEFFEN SCHOOL OF MEDICINE FACULTY

COURSE DIRECTORS

Jamil Aboulhosn, MD
Professor of Clinical Medicine and Pediatrics
Director, Ahmanson/UCLA Adult Congenital Heart Disease Center
Fady Kaldas, MD
Associate Professor of Surgery
Associate Director, Multi-Organ Transplantation & Hepatobiliary Surgery Fellowship Program
Director, Liver Transplantation Service
Ronald Reagan UCLA Medical Center
Jeanette Lin, MD
Associate Clinical Professor of Medicine
Director, ACHD Fellowship Program
Ahmanson/UCLA Adult Congenital Heart Disease Center
Ali Nsair, MD
Associate Clinical Professor of Medicine
Medical Director, Heart Transplantation and Mechanical Circulatory Support Device Services
Ronald Reagan UCLA Medical Center
Leigh Reardon, MD
Assistant Clinical Professor of Medicine and Pediatrics
Pediatric Heart Failure and Heart Transplantation
Director, Transitional Cardiac Care and Pediatric Mechanical Support
Ahmanson/UCLA Adult Congenital Heart Disease Center

COURSE FACULTY

Arnold S. Baas, MD
Professor of Medicine
Cardiomyopathy, Heart Transplant and Mechanical Circulatory Support
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Reshma Binivale, MD
Associate Clinical Professor of Surgery
Cardiothoracic Surgery
UCLA Division of Cardiothoracic Surgery
Ronald Reagan UCLA Medical Center
Paul Cliff, MD
Consult Cardiologist
University Hospital Birmingham
National Cardiovascular Specialty Lead
National Institute for Health Research Clinic Research Network
Daniel Cruz, MD, PhD
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Cardiomyopathy, Heart Transplant and Mechanical Circulatory Support
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Cardiomyopathy, Heart Transplant and Mechanical Circulatory Support
Ronald Reagan UCLA Medical Center
Ben Kratzert, MD
Assistant Clinical Professor of Anesthesiology
Cardiac Anesthesiology
Ronald Reagan UCLA Medical Center
Hillel Laks, MD
Chancellors Professor of Surgery
Emeritus Chief, Cardiothoracic Surgery
Ronald Reagan UCLA Medical Center
Mattel Children’s Hospital, UCLA
Daniel Levi, MD
Professor of Pediatrics
Director, Cardiac Catheterization Laboratory
Mattel Children’s Hospital, UCLA

Gentian Lluri, MD, PhD
Assistant Clinical Professor of Medicine
Ahmanson/UCLA Adult Congenital Heart Disease Center
Jeremy Moore, MD
Associate Professor of Pediatrics
Director, ACHD Electrophysiology
Ahmanson/UCLA Adult Congenital Heart Disease Center
Ashley Prosper, MD
Assistant Clinical Professor of Radiology
Ronald Reagan UCLA Medical Center
Mattel Children’s Hospital, UCLA
Kevin Shannon, MD
Professor of Pediatrics
Mattel Children’s Hospital, UCLA
Adam Small, MD
Adult Congenital Heart Disease Fellow
Ahmanson/UCLA Adult Congenital Heart Disease Center
Weiyi Tan, MD
Adult Congenital Heart Disease Fellow
Ahmanson/UCLA Adult Congenital Heart Disease Center
Glen Van Arsdell, MD
Professor and Chief of Congenital Cardiac Surgery
Ronald Reagan UCLA Medical Center
Mattel Children’s Hospital, UCLA
Robert S. Venick, MD
Associate Professor of Pediatrics and Surgery
Director of Pediatric Liver and Intestinal Transplant Services
Mattel Children’s Hospital, UCLA
Christopher L. Wray, MD
Professor of Anesthesiology
Liver Transplant Anesthesiology
Ronald Reagan UCLA Medical Center
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Presenter(s)</th>
<th>Session 3: Evaluation for Transplant and Mechanical Support</th>
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</thead>
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<tr>
<td>7:30</td>
<td>Continental Breakfast</td>
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<tr>
<td>8:00</td>
<td>Introduction and Welcome</td>
<td>Jamil Aboulhosn, MD</td>
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<td></td>
<td><strong>Session 1: Care for the “Stable” Fontan Survivor</strong></td>
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<td></td>
<td>Moderators: Gentian Lluri, MD and Jeannette Lin, MD</td>
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<td>8:05</td>
<td>Growing Up with a Fontan</td>
<td>Leigh Reardon, MD</td>
<td>1:00 OHT/OLT/MCS Evaluation Process</td>
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<td>8:20</td>
<td>Medical Therapies</td>
<td>Gentian Lluri, MD, PhD</td>
<td>1:15 Update on UNOS Organ Allocation</td>
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<td>8:35</td>
<td>The Role of Echocardiographic Imaging and Exercise Testing</td>
<td>Jeannette Lin, MD</td>
<td>1:30 Multi-Disciplinary Operative Planning</td>
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<td>8:50</td>
<td>The Role of Cardiac Catheterization</td>
<td>Jamil Aboulhosn, MD</td>
<td>1:45 Management and Optimization of the Patient Awaiting Transplant</td>
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<tr>
<td>9:05</td>
<td>The Role of MRI and CT Imaging</td>
<td>Ashley Prosper, MD</td>
<td>2:00 Mechanical Support Considerations</td>
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<tr>
<td>9:20</td>
<td>Fontan Associated Liver Disease</td>
<td>Robert S. Venick, MD</td>
<td>2:15 Case Presentation and Overview of the UCLA Fontan Protocol for Patients</td>
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<tr>
<td>9:35</td>
<td>Case Presentation and Overview of UCLA Fontan Survivorship Protocol</td>
<td>Adam Small, MD</td>
<td>Awaiting Transplant</td>
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<td>for the Stable Outpatient</td>
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<td>2:30 Question &amp; Answer</td>
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<td>9:50</td>
<td>Question &amp; Answer</td>
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<td>2:45 Coffee Break</td>
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<td>10:05</td>
<td>Coffee Break</td>
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<td><strong>Session 2: Care for the “Unstable” Fontan Survivor</strong></td>
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<td>Moderators: Kevin Shannon, MD and Jamil Aboulhosn, MD</td>
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<td>10:20</td>
<td>How Do We Define a “Failing” Fontan?</td>
<td>Paul Clift, MD</td>
<td>3:00 Challenges and Considerations of OHT in the Failing Fontan</td>
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<td>10:40</td>
<td>Electrical Interventions for the Failing Fontan</td>
<td>Jeremy Moore, MD</td>
<td>3:15 Challenges and Considerations of Combined OHT/OLT</td>
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<td>10:55</td>
<td>Catheter-Based Interventions for the Failing Fontan</td>
<td>Daniel Levi, MD</td>
<td>3:30 Intraoperative Management of OHT/OLT</td>
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<td>11:10</td>
<td>Fontan Conversion Surgery— When/How To Do It and When Not To Do It</td>
<td>Hillel Laks, MD</td>
<td>3:45 Peri- and Post-Operative ICU Care</td>
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<td>11:25</td>
<td>Case Presentation of an “Unstable” Fontan Survivor</td>
<td>Weiyi Tan, MD</td>
<td>4:00 Intermediate and Long-Term Post-Transplant Management</td>
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<td>11:40</td>
<td>Question &amp; Answer</td>
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<td>4:15 Overview of UCLA Fontan Heart and Heart/Liver Transplant Outcomes and</td>
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<td>12:00</td>
<td>Lunch</td>
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<td>Patient Story</td>
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<td><strong>Session 3: Evaluation for Transplant and Mechanical Support</strong></td>
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<td>4:30 KEYNOTE LECTURE</td>
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<td>Moderators: Leigh Reardon, MD and Ali Nsair, MD</td>
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<td>Glen Van Arsdell, MD</td>
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<td>1:00</td>
<td>OHT/OLT/MCS Evaluation Process</td>
<td>Arnold S. Baas, MD</td>
<td>The Fontan Operation: What We Have Learned and Where We Are Going</td>
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<tr>
<td>1:15</td>
<td>Update on UNOS Organ Allocation</td>
<td>Eugene DePasquale, MD</td>
<td>5:15 Closing Remarks</td>
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<td>1:30</td>
<td>Multi-Disciplinary Operative Planning</td>
<td>Jeannette Lin, MD</td>
<td>5:20 Adjourn – Reception</td>
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<tr>
<td>1:45</td>
<td>Management and Optimization of the Patient Awaiting Transplant</td>
<td>Daniel Cruz, MD, PhD</td>
<td>Hosted by Faculty</td>
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</table>
**Registration Fees**
- $150 Physicians
- $95 Nurses and Allied Health Professionals
- $75 Fellows/Residents

**Refunds**
Cancellations must be received in writing by Friday, August 16, 2019 and will be subject to a $25 processing fee. No refunds will be granted after that date. If, for any reason, the course must be cancelled, discontinued, or rescheduled by the Office of Continuing Medical Education, a full refund will be provided.

**Enrollment**

*By Mail*
Use the form attached. Mail to the UCLA Office of Continuing Medical Education, David Geffen School of Medicine at UCLA, New Frontiers for the Fontan Survivor, 10920 Wilshire Blvd., Ste. 1060, Los Angeles, CA 90024-6512

*Online*
Go to www.cme.ucla.edu/courses, click on New Frontiers for the Fontan Survivor: Challenges, Opportunities, and the Ultimate Destination of Heart/Liver Transplantation, and click on the registration information section. You may use your MasterCard, VISA, American Express or Discover card to register online.

*By Phone*
Use your American Express, MasterCard, VISA or Discover card. Call (310) 794-2620.

*By FAX*
Send the completed enrollment form with credit card information and authorizing signature. Fax (310) 794-2624.

**Conference Locations**

*Saturday, September 21, 2019*
**UCLA Meyer & Renee Luskin Conference Center**
425 Westwood Plaza
Los Angeles, CA 90095
855-522-8252
www.luskinconferencecenter.ucla.edu

**Luskin Conference Center**
The Luskin Conference Center features 254 beautifully-appointed guest rooms, many with sweeping views of the stunning campus architecture and beautifully landscaped grounds. The gracious guest experience at the Luskin Conference Center is further enhanced by a full-service restaurant and lounge, on-site professional catering services, well-equipped fitness center, concierge service, business center, and free Wi-Fi throughout the property.

**Directions and Parking**
From the 405 freeway, exit Wilshire Blvd., East toward Westwood. Turn left on Westwood Blvd., travel past Charles E. Young Dr, South and turn left on Structure 8 driveway. Drive up the ramp to the rooftop level to park. Pay per plate at the kiosk and display the parking permit on your dash. All day parking is $12.00.
Walk down one level and across pedestrian walkway toward Luskin Conference Center. Enter through Luskin Conference Center doors on right side.

**Accreditation**
The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA designates this live activity for a maximum of 7.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The California State Board of Registered Nursing accepts courses approved by the AMA for category 1 credit as meeting the continuing education requirements for license renewal. Nurses from states other than California should inquire with their local State Board for specific continuing education policies.

**Disclosure Statement**
The FDA has issued a concept paper which classifies commercial support of scientific and educational programs as promotional unless it can be affirmed that the program is “truly independent” and free of commercial influence. In addition to independence, the FDA requires that nonpromotional, commercially supported education be objective, balanced, and scientifically rigorous. The policy further states that all potential conflicts of interest of the CME staff and faculty be fully disclosed to the program’s participants. In addition, Accreditation Council for Continuing Medical Education policy mandates that the provider adequately manages all identified potential conflicts of interest prior to the program. We at UCLA fully endorse the letter and spirit of these concepts.
New Frontiers for the Fontan Survivor: Challenges, Opportunities, and the Ultimate Destination of Heart/Liver Transplantation

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Mail Application for Enrollment

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<td>New Frontiers for the Fontan Survivor: Challenges, Opportunities, and the Ultimate Destination of Heart/Liver Transplantation</td>
<td>M190-12</td>
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Registration Fees:
- $150 Physicians
- $95 Nurses and Allied Health Professionals
- $75 Fellows/Residents

Please print clearly, and remember to include your credit card number and authorizing signature.

Last four digits of your Social Security Number

Name (First/Middle/Last) Degree

Preferred Mailing Address

City/State/ZIP (_____ ) ______ Area Code    Daytime Phone

Area Code    FAX E-mail

Specialty

☐ Check enclosed payable to: The Regents of the University of California

Charge: ☐ MasterCard ☐ Visa ☐ Discover ☐ American Express

_________–_________–_________–_________

Name of cardholder

Authorizing Signature Expiration (Mo/Yr)

Mail to: Office of Continuing Medical Education, David Geffen School of Medicine at UCLA, New Frontiers for the Fontan Survivor: Challenges, Opportunities, and the Ultimate Destination of Heart/Liver Transplantation, 10920 Wilshire Blvd., Suite 1060, Los Angeles, CA 90024-6512.
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