

The Ahmanson/UCLA Congenital Heart Disease Center  
Presents

# **Beyond Palliation: Exploring Transplantation Options for Fontan Patients**

**Saturday, February 24, 2024  
8:00 AM - 5:00 PM (PST)**

**UCLA Meyer & Renee Luskin Conference Center  
425 Westwood Plaza  
Los Angeles, CA 90095**

***Live In-person and Virtual CME Course***

## 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 Medicine and Pediatrics  
Director, Ahmanson/UCLA Adult  
Congenital Heart Disease Center

**Fady Kaldas, MD**

Professor of Surgery  
Director, Multi-Organ Transplantation &  
Hepatobiliary Surgery Fellowship Program  
Director, Liver Transplantation Service  
Ronald Reagan UCLA Medical Center

**Jeannette Lin, MD**

Professor of Medicine  
Director, ACHD Fellowship Program  
Ahmanson/UCLA Adult Congenital Heart  
Disease Center

**Leigh Reardon, MD**

Associate Professor of Medicine and  
Pediatrics  
Associate Director, Pediatric Heart  
Transplant  
Director, Transitional Cardiac Care  
Program  
Ahmanson/UCLA Adult Congenital Heart  
Disease Center  
Mattel Children’s Hospital, UCLA

### COURSE FACULTY

**Osman Al-Radi, MBBCH, MSC**

Professor of Surgery  
Children’s Hospital Orange County  
Ronald Reagan UCLA Medical Center  
Mattel Children’s Hospital, UCLA

**Daniel Cruz, MD, PhD**

Professor of Medicine  
Cardiomyopathy, Heart Transplant and  
Mechanical Circulatory Support  
Ronald Reagan UCLA Medical Center

**Hans Gao, MD**

Cardiology Fellow  
Cedars Sinai Medical Center

**Eihab Ghantous, MD**

Adult Congenital Heart Disease Fellow  
Ahmanson/UCLA Adult Congenital Heart  
Disease Center

**David Highfill, LCSW**

Licensed Clinical Social Worker  
Ahmanson/UCLA Adult Congenital Heart  
Disease Center

**Matthew Lewis, MD, MPH**

Co-Director, Adult Single Ventricle Clinic  
Director, Adult Congenital Heart Disease  
Research Program  
Columbia University Medical Center

**Gentian Lluri, MD, PhD**

Assistant Professor of Medicine  
Ahmanson/UCLA Adult Congenital Heart  
Disease Center

**Lorraine Lubin, MD**

Professor of Anesthesiology  
Department of Anesthesiology and  
Perioperative Medicine  
Ronald Reagan UCLA Medical Center

**Joseph Meltzer, MD**

Professor of Anesthesiology  
Department of Anesthesiology and  
Perioperative Medicine  
Ronald Reagan UCLA Medical Center

**Jeremy Moore, MD, MS**

Professor of Pediatrics  
Director, ACHD Electrophysiology Program  
Ahmanson/UCLA Adult Congenital Heart  
Disease Center

**Jeremy Nicolarsen, MD**

Director, Providence Adult and Teen  
Congenital Heart Program  
Providence Sacred Heart Medical Center  
Sacred Heart Children’s Hospital

**Ali Nsair, MD**

Medical Director, Heart Transplantation  
and Mechanical Circulatory Support  
Device Services  
Interventional Cardiology  
Broad Stem Cell Research Center  
David Geffen School of Medicine, UCLA

**Priya Pillutla, MD**

Associate Chief, Division of Cardiology  
Associate Professor of Medicine Director  
Adult Congenital Heart Disease Clinic  
Chair, Pharmacy and Therapeutics  
Committee

Harbor-UCLA Medical Center

**Ashley Prosper, MD**

Chief, Cardiothoracic Imaging  
Clinical Professor of Radiology  
Ronald Reagan UCLA Medical Center  
Mattel Children’s Hospital, UCLA

**Ming-Sing Si, MD**

Associate Professor of Surgery  
Ronald Reagan UCLA Medical Center  
Mattel Children’s Hospital, UCLA

**Sanjay Sinha, MD**

Co-Director, Congenital Lymphatic  
Intervention Program  
Assistant Professor of Pediatrics

**Glen Van Arsdell, MD**

Professor and Chief of Congenital Cardiac  
Surgery  
Ronald Reagan UCLA Medical Center  
Mattel Children’s Hospital, UCLA

**Robert Venick, MD**

Professor of Pediatrics and Surgery  
Director, Pediatric Liver and Intestinal  
Transplantation Services  
Mattel Children’s Hospital, UCLA  
Ronald Reagan UCLA Medical Center

**Darko Vucicevic, MD**

Associate Director, Mechanical  
Circulatory Support  
Co-Director, Cardiac Amyloidosis Center  
Advanced Heart Failure, Mechanical  
Circulatory Support and Transplant  
Cardiology  
Ronald Reagan UCLA Medical Center

### PLANNER

**June Ramsay**

Transplant Surgery Fellowship Coordinator  
& Administrative Specialist

# Program

8:00 **Welcome and Introduction: Appreciation of Delphine Lee and Family, and Historical Significance and Evolution of the Fontan Procedure**  
*Jamil Aboulhosn, MD*

## SESSION 1

Moderators:

*Gentian Lluri, MD, PhD; Jeannette Lin, MD*

8:15 **Overview of UCLA Fontan Heart and Heart/Liver Transplant Outcomes**  
*Leigh Reardon, MD*

8:25 **Fontan Survivorship Program – The UCLA Model**  
*Jeannette Lin, MD*

8:35 **Medical Therapies – Evidence for Established Therapies and Looking to The Future**  
*Gentian Lluri, MD, PhD*

8:50 **Exercise Testing and The Importance of Exercise and Inspiratory Muscle Training**  
*Priya Pillutla, MD*

9:05 **Fontan Associated Liver Disease**  
*Robert Venick, MD*

9:20 **Advanced Imaging of The Adult Fontan Patient**  
*Ashley Prosper, MD*

9:35 **Psychological Factors and The Importance of Psychosocial Support – The UCLA Model**  
*David Highfill, LCSW*

9:50 **Case Presentation**  
*Hans Gao, MD*

10:05 **Break**

## SESSION 2

Moderators:

*Jamil Aboulhosn, MD; Jeremy Moore, MD, MS*

10:20 **Arrhythmias and The Role of Electrical Interventions**  
*Jeremy Moore, MD, MS*

10:35 **Invasive Hemodynamics and Role for Catheter Based Interventions**  
*Jamil Aboulhosn, MD*

10:50 **Lymphatic Intervention for The Failing Fontan**  
*Sanjay Sinha, MD*

11:05 **Mechanical Circulatory Support in The Single Ventricle Patient**  
*Ming-Sing Si, MD*

11:20 **Referring the Failing Fontan for Transplant Evaluation: Considerations for the Referring Physician**  
*Jeremy Nicolarsen, MD*

11:35 **Case Presentation**  
*Eihab Ghantous, MD*

11:45 **Q&A (Session II)**

12:00 **Break/Lunch**

## SESSION 3

Moderators:

*Leigh Reardon, MD; Ali Nsair, MD*

1:00 **Keynote Speaker: When to Think About Transplantation and Deciding Between Heart or Heart/Liver Transplantation – What Have We Learned From The FOSTER Study**  
*Matthew Lewis, MD, MPH*

1:30 **UNOS Organ Allocation and the Role of Mechanical Support**  
*Daniel Cruz, MD, PhD*

1:45 **Importance of a Comprehensive Evaluation Process and Multi-Disciplinary Operative Planning – The UCLA Model**  
*Jeannette Lin, MD*

2:10 **Q&A (Session III)**

2:25 **Break**

## SESSION 4

Moderators:

*Osman Al-Radi, MD; Fady Kaldas, MD*

2:40 **OHT vs CHLT: The Cardiac Surgeon's Perspective**  
*Glen Van Arsdell, MD*

2:55 **CHLT: The Liver Surgeon's Perspective**  
*Fady Kaldas, MD*

3:10 **Intraoperative Management**  
*Lorraine Lubin, MD*

3:25 **Peri and Postoperative Care**  
*Joseph Meltzer, MD*

3:40 **Long-Term Post Transplant Management**  
*Darko Vucicevic, MD*

3:55 **National Heart-Liver Consortium**  
*Fady Kaldas, MD*

4:05 **Patient Story – Skylar & Alex Collins**  
*Leigh Reardon, MD; Jeremy Nicolarsen, MD*

4:25 **Q&A (Session IV)**

4:40 **Closing Remarks**  
*Jeannette Lin, MD*

# General Information

## Registration Fees

- \$150 Physicians
- \$95 Nurses and Allied Health Professionals
- \$20 Fellows/Residents

## Refunds

Cancellations must be received via email to [ccpd@mednet.edu](mailto:ccpd@mednet.ucla.edu) by Friday, February 2, 2024 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, a full refund will be provided.

## Conference Location

**Saturday, February 24, 2024**

**UCLA Meyer & Renee Luskin Conference Center**

425 Westwood Plaza  
Los Angeles, CA 90095  
855-522-8252

[www.luskinconferencecenter.ucla.edu](http://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. Proceed up the ramp to Level 4 and park in any of the "Pay-by-Space" parking spots. You will need to purchase parking at a nearby parking kiosk. All day parking is \$15.00.

To access the UCLA Luskin Conference Center via the pedestrian bridge from Parking Structure 8, take the north central stairs or elevator facing the conference center down one level (from Level 4 to Level 3) and cross over Strathmore Place. Make your way around the northside of the conference center. The front entrance is in front of the Gateway Plaza turnaround.

## Accreditation

The 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 David Geffen School of Medicine at UCLA designates this live activity for a maximum of 7.50 *AMA PRA Category 1 Credit™*. 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 for the *AMA PRA 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 program 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.

# Beyond Palliation: Exploring Transplantation Options for Fontan Patients

February 24, 2024

Enrollment

Course Title and Number	
<b>Beyond Palliation: Exploring Transplantation Options for Fontan Patients</b>	C00401
Registration Fees:	
<input type="checkbox"/> \$150 Physicians	
<input type="checkbox"/> \$95 Nurses and Allied Health Professionals	
<input type="checkbox"/> \$20 Fellows/Residents	

## Enrollment

To register using a credit card or ACH/electronic transfer, please visit <https://ucla.cloud-cme.com/course/courseoverview?P=5&EID=6004> and click **Beyond Palliation: Exploring Transplantation Options for Fontan Patients** to register.

\*Credit card and check payments via phone, fax, or mail are no longer accepted.

The Beyond Palliation: Exploring Transplantation Options for Fontan Patients Symposium will also be available through a live virtual meeting web platform.

- Attendees who choose to attend the live virtual activity will receive a virtual meeting link and password to access the live virtual conference.
- All registrants (live or virtual) will be provided the opportunity to review recorded sessions up to 3 weeks following the conference.
- The recorded sessions are not certified for CME credit.



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LOS ANGELES

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