



# Nemours Children's Cardiology College

**July 18-19, 2024**

*Disney's Grand Floridian Resort and  
Spa at the Walt Disney World® Resort  
Lake Buena Vista, Florida*

# Join us in person!

Nemours Health system is proud to sponsor the second annual Nemours Cardiology College, a comprehensive meeting on the management of patients with congenital heart disease. Our focus for 2024 is hands, devices, and machines repairing congenital heart defects of the aorta. This is the perfect meeting for the novice or seasoned practitioner to learn about novel technologies to help children with congenital heart disease. All learners are welcome (Physicians, RNs, APRN/PAs, Echo Sonographers, Residents, Fellows) and will have dedicated time for hands on learning including: pathology specimens, live echo scanning, 3-D advanced cardiac imaging, interventional cardiology devices and surgical valve prosthesis.

## Highlights

- HANDS-ON workshops available on both days of the conference.
- An opportunity to earn Maintenance of Certification (MOC) points in the American Board of Pediatrics (ABP) Maintenance of Certification program.
- Nemours Children's Health is accredited by the Florida Board of Nursing to offer nursing contact hours (Provider #50-1428). An application to offer nursing contact hours will be provided.

## Calling for Case Presentations

Calling for interesting imaging case submissions of aortic valve or aortic arch pathology. Present your clinical conundrum to our panel of experts.

Submissions encouraged from physicians, fellows, residents, advanced practice nurses, nurses and sonographers.

Submissions of a 500 word abstract, please send your abstract to [karen.supplee@nemours.org](mailto:karen.supplee@nemours.org) for review. There are a limited number of presentation spots available. We will notify you if selected.

Presentations will be a 10 minute oral presentation followed by 5 minute discussion by the panel.

Imaging pictures and videos are strongly encouraged.





# Register online at [CE.Nemours.org](https://CE.Nemours.org)

**Advance registration is required and should be received by July 1, 2024. Registration is limited.** All registrations received by this date will be confirmed by e-mail. Registration fees include all course materials, continental breakfast each day and refreshments at breaks. Registration is limited.

A credit card is required for payment. Visa, MasterCard, American Express or Discover cards accepted. Please visit [CE.Nemours.org](https://CE.Nemours.org) to register.

## Registration Fees

Category	Fee
Physicians	\$425
All Other Registrants	\$325
Students and Residents*	\$225

*\*In order to qualify for the Students/Residents/Fellows rate, a letter from your accredited institution is required. The letter must be submitted from your program director or admissions office, and state that you are currently enrolled as a student. The letter must be on official letterhead and submitted via email to [karen.supplee@nemours.org](mailto:karen.supplee@nemours.org).*

## Refunds

A refund, less a \$100 processing fee, will be given for WRITTEN cancellations received before July 1, 2024. No refunds will be given after this date.

*Nemours Children's is not responsible for any cancellation or change fees assessed by hotels, airlines or travel agencies.*



## Hands-On Learning Sessions

- Pathology specimens
- Live echo scanning
- 3-D advanced cardiac imaging
- Interventional cardiology devices
- Surgical valve prosthesis



To learn more or to register, visit [CE.Nemours.org](https://CE.Nemours.org) or scan the QR code.





### Hotel Information

Victorian elegance meets modern sophistication at this lavish Disney Resort hotel. Unwind outdoors, indulge in a luxurious massage and watch evening fireworks light up the sky over Cinderella's Castle. Just one stop to the Magic Kingdom Park on the complimentary Resort Monorail, this timeless Victorian-style marvel evokes Palm Beach's golden era.

### Hotel Reservations

Single or double occupancy rooms are available at the conference rate of \$320 per night (plus tax) on July 17 - July 19. Great rates for one of Disney's exquisite resorts!

Hotel reservations may be made online at <https://mydisneygroup.com/nemourscp2024/> or by calling the Walt Disney World® Resort, 407-939-4686. Please mention Nemours Cardiac Program to obtain the group discount.

The deadline for reservations is June 17, 2024. However, the hotel often sells out well before the conference date. Please reserve your hotel room and make your conference registration early.

### Discount Disney Tickets

Information on specially priced tickets to the Walt Disney World® Resort Theme Parks is available through this link: <https://mydisneygroup.com/nemourscp2024/>.

Please note, BOTH a reservation and valid ticket are required for admission to the parks.

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# General Information

### Accreditation

Nemours Children's Health is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Nemours Children's designates this live activity for a maximum of 10.50 *AMA PRA Category 1 Credits*™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Provider approved by the Florida Board of Registered Nursing, Provider # 50-1428, for 10.50 contact hours.

### Maintenance of Certification (MOC) Credit

Successful completion of this CME activity, which includes participation in the evaluation component, enables the learner to earn up to 10.50 MOC points in the American Board of Pediatrics (ABP) Maintenance of Certification (MOC) program. It is the CME activity provider's responsibility to submit learner completion information to ACCME for the purpose of granting ABP MOC credit.

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 10.50 MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

### Commercial Support

This course may be supported in part by educational grants in accordance with ACCME standards. At the time of this printing, a list of commercial supporters was not available. Appropriate acknowledgement will be given to all exhibitors and supporters in conference materials and at the time of the meeting.

### Disclosure Policy

As a provider accredited by the ACCME, Nemours Children's must ensure balance, independence, objectivity, and scientific rigor in its educational activities. All faculty involved in the development of CME content are required to disclose their financial relationships with ineligible entities. An individual has a relevant financial relationship if he/she has a financial relationship in any amount occurring in the last 24 months with an ineligible company whose products or services are discussed in the CME activity content over which the individual has control. Nemours Children's has policies/procedures in place to mitigate relevant financial relationships and their impact on the educational content. All relevant financial relationships will be disclosed to the activity audience and mitigated.

### Americans with Disabilities Act

In accordance with the Americans with Disabilities Act, Nemours Children's will provide modifications in teaching methodologies to accommodate individual needs. To request disability accommodations, contact the Office of Continuing Medical Education at least 15 days in advance of the program at 302.268.3370.

### For More Information

Contact Karen Supplee, Nemours Office of Continuing Medical Education, at [karen.supplee@nemours.org](mailto:karen.supplee@nemours.org).

# Agenda

Thursday, July 18, 2024

## AORTIC VALVE ABNORMALITIES

Moderators: Peace Madueme, MD and Renelle George, MD

- 8:00 a.m. Welcome**  
Peter Wearden, MD
- 8:15 a.m. Pathology Specimens of Aortic Valve**  
Diane Spicer, BS, PA(ASCP)
- 8:45 a.m. Imaging of the Aortic Valve by Echo (TTE, TEE, CT/MRI)**  
Alejandro Arevalo, MD
- 9:05 a.m. Aortic Valve Imaging by CT/MRI –**  
Elena Rueda-de-Leon, MD
- 9:25 a.m. Anesthesia in Patients with Left Ventricular Outflow Tract Obstruction**  
Karen Bender, MD
- 9:45 a.m. Break**
- 10:00 a.m. Cardiac Catheterization of Aortic Valve Anomalies**  
Makram Ebeid, MD
- 10:20 a.m. Surgical Approach: Neonatal Ross**  
Christopher Derby, MD
- 10:40 a.m. Surgical Approach: Ozaki Repair**  
Jennifer Nelson, MD
- 11:00 a.m. Fellow Case Presentations | Panel Discussion**
- 12:00 p.m. Hands-On Session Part 1  
Boxed Lunch**
- 1:30 p.m. Adjourn**

Friday, July 19, 2024

## AORTIC ARCH ANOMALIES

(Supravalvular Aortic Stenosis, Coarctation, Interrupted Aortic Arch (IAA), Vascular Rings)  
Moderator: Shubhika Srivastava, MD

- 8:00 a.m. Welcome**  
Peace Madueme, MD and Shubhika Srivastava, MD
- 8:15 a.m. Pathology Specimens of Aortic Arch Anomalies including Vascular Rings**  
Diane Spicer, BS, PA(ASCP)
- 8:45 a.m. Imaging of the Aortic Arch (Fetal, TTE, TEE)**  
Deepika Thacker, MD
- 9:05 a.m. Assessment of Aortic Arch: Is Echo Enough?**  
Peace Madueme, MD
- 9:25 a.m. ICU Management of Left Ventricular Outflow Tract Obstruction**  
Jonathan Byrnes, MD
- 9:45 a.m. Break**
- 10:00 a.m. Genotype Phenotype of Aortopathies**  
Shannon Nees, MD
- 10:40 a.m. Cardiac Catheterization of Arch Anomalies and Hybrid Approaches**  
Yalim Yalcin, MD
- 11:00 a.m. Surgical Repair of Arch Anomalies**  
Christopher Derby, MD
- 11:20 a.m. Fellow Case Presentations  
Panel Discussion**
- 12:00 p.m. Cardiac Imaging Jeopardy**  
Peace Madueme, MD and Sean Connolly, DO
- 1:00 p.m. Hands-On Session Part 2  
Boxed Lunch**
- 2:00 p.m. Adjourn**



# Faculty

## PROGRAM CHAIRS

### **Peace Madueme, MD**

Medical Director, Echocardiography Lab and  
Advanced Non-Invasive Cardiac Imaging  
Nemours Children's Health, Florida  
Associate Professor of Pediatrics  
University of Central Florida College of Medicine

### **Shubhika Srivastava, MD**

Chief, Department of Cardiology  
Nemours Children's Health, Delaware  
Professor of Pediatrics  
Sidney Kimmel Medical College at Thomas  
Jefferson University

## SPEAKERS

### **Alejandro Aravalo, MD**

Attending Physician, Department of Cardiology  
Nemours Children's Health, Pensacola

### **Karen Bender, MD**

Chief, Cardiac Anesthesiology  
Nemours Children's Health, Florida

### **Jonathan Byrnes, MD**

Cardiologist, Cardiac Critical Care  
Nemours Children's Health, Florida

### **Sean Connolly, DO**

Attending Physician, Department of Cardiology  
Nemours Children's Health, Delaware

### **Christopher Derby, MD**

Cardiothoracic Surgeon, Department of Cardiology  
Surgical Director of Mechanical Circulatory  
Support and Cardiac Intensive Care  
Nemours Children's Health, Delaware

### **Makram Ebeid, MD**

Director of Pediatric Catheterization Lab  
University of Mississippi Medical Center  
Pediatric Catheterization Interventionalist  
Nemours Children's Hospital, Florida  
Professor of Pediatrics, Cardiology  
University of Mississippi School of Medicine

### **Renelle George, MD**

Attending Physician, Department of Cardiology  
Nemours Children's Hospital, Delaware  
Adjunct Professor  
University of Central Florida College of Medicine

### **Shannon Nees, MD**

Attending Physician, Department of Cardiology  
Nemours Children's Hospital, Delaware  
Assistant Professor  
Sidney Kimmel Medical College at Thomas  
Jefferson University

### **Jennifer Nelson, MD**

Attending Physician, Department of Cardiac Surgery  
Nemours Children's Hospital, Florida  
Professor of Surgery  
University of Central Florida College of Medicine

### **Elena Rueda-de-Leon, MD**

Cardiologist, Division of Pediatric Cardiology  
Nemours Children's Health, Florida  
Assistant Professor of Pediatrics  
University of Central Florida College of Medicine

### **Diane Spicer, BS, PA(ASCP)**

Cardiac Morphologist  
Johns Hopkins All Children's Hospital  
St. Petersburg, Florida

### **Peter Wearden, MD, PhD**

Chief, Cardiovascular Surgery  
Nemours Children's Hospital, Florida  
Director, Nemours Cardiac Center – Florida  
Chair, Department of Cardiovascular Services

### **Yalim Yalcin, MD**

Attending Physician, Interventional Pediatric Cardiology  
Nemours Children's Hospital, Florida

