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Syllabus in CloudCME	 <p> https://hopkinscme.cloudcme.com or from the CloudCME Mobile App <i>Institution Code: HopkinsCME</i> <i>Log-in with your email address and password.</i> <i>Don't know your password? Select "Forgot Password" to reset.</i> </p>



Course Information

Description

The Master Class in Cardiac Morphology will focus on Transposition and Congenitally Corrected Transposition and is intended for a broad range of providers who work with patients that have congenital heart disease. Featuring professionals with expertise in morphology, imaging, interventional procedures, and surgery will serve to address the issues that these patients can incur from in utero diagnosis through adulthood.

Target Audience

Cardiologists, including those practicing fetal, pediatric, and adult cardiology, Cardiac Surgeons, Maternal-Fetal Medicine Physicians, Obstetricians, Pediatricians, Medical trainees, Nurses, Echocardiographers, Advanced Practice Providers, and other health care professionals involved in the field of cardiology.

Conference Objectives

After attending this activity, the learner will demonstrate the ability to:

- Identify challenges encountered with prenatal detection of Transposition and improve upon existing techniques.
- Recognize anatomic variations in Transposition and Congenitally Corrected Transposition and their implications for clinical and surgical management.
- Define the quality of life issues related to treatment options for those patients surviving to adulthood.



Accreditation

Accreditation Statement

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Johns Hopkins University School of Medicine and the Florida Board of Nursing. The Johns Hopkins University School of Medicine is accredited by the ACCME to provide continuing medical education for physicians.



Credit Designation Statement

The Johns Hopkins University School of Medicine designates this live activity for a maximum of **10.75 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nursing Accreditation

The Florida Board of Nursing has approved this course for Nursing Contact Hours, awarded by Johns Hopkins All Children's Hospital. Florida Board of Nursing Provider #50-2821.

American Academy of Nurse Practitioners (National Certification Program) accepts *AMA PRA Category 1 Credit™* from organizations accredited by the ACCME.

American Nurses Credentialing Center (ANCC) accepts *AMA PRA Category 1 Credit™* from organizations accredited by the ACCME.

Policy on Presenter and Provider Disclosure

It is the policy of the Johns Hopkins School of Medicine that the presenter and provider globally disclose conflicts of interest. The Johns Hopkins School of Medicine OCME has established policies that will identify and resolve conflicts of interest prior to this educational activity. Detailed disclosure will be made prior to presentation of the education.

Johns Hopkins Statement of Responsibility

The Johns Hopkins School of Medicine and Johns Hopkins All Children's Hospital take responsibility for the content, quality, and scientific integrity of this CME activity.

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Disclaimer Statement

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The Johns Hopkins School of Medicine/Johns Hopkins All Children's Hospital Master Class in Cardiac Morphology Transposition may include presentations on drugs or devices, or use of drugs or devices that have not been approved by the Food and Drug Administration (FDA) or have been approved by the FDA for specific uses only. The FDA has stated that it is the responsibility of the physician to determine the FDA clearance status of each drug or device he or she wishes to use in clinical practice.

The Johns Hopkins School of Medicine is committed to the free exchange of medical education. Inclusion of any presentation in this program, including presentations on off-label uses, does not imply an endorsement by Johns Hopkins of the uses, products, or techniques presented.

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Gift giving from the pharmaceutical, device and medical equipment industries to physicians has long been a customary practice. However, when gift giving is not practiced within established ethical boundaries, the perception of conflict of interest is raised. All physicians and physicians in training should adhere to the AMA Code of Medical Ethics, Opinion 9.6.2, "Gifts to Physicians from Industry" which can be found under the AMA Code of medical Ethics at www.ama-assn.org/delivering-care/ethics/gifts-physicians-industry.

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Instructions to Receive Credit

In accordance with our accreditation guidelines, we have instituted a self-reporting system to obtain your credit. Attendees must attest to the exact number of hours that they have been in attendance. Claiming credits will be required on the online post-activity evaluation that will be emailed to you shortly following the conference. The evaluation must be completed by April 18, 2022 for you to receive credit. **After April 18, 2022, no credit can be granted for attendance.**

Evaluation and Outcomes Survey

Evaluation

Evaluations are very helpful to us in planning future programs, and we appreciate your comments and suggestions. On the evaluation mentioned above, we ask that you please evaluate each speaker's presentation.

Outcomes Survey

An Outcomes Survey will be sent to all learners within three months after the conference to assist us in determining what impact this activity had on your clinical practice.



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I understand that while I am participating in this capacity, I may be exposed to "protected health information," as that term is defined and used in Hopkins policies and in the federal HIPAA privacy regulations (the "Privacy Regulations"). Protected health information is information about a person's health or treatment that identifies the person.

I pledge and agree to use and disclose any of this protected health information only for the training and/or educational purposes of my visit and to keep the information confidential. I agree not to post or discuss this protected health information, including pictures and/or videos, on any social media site (e.g. Facebook, Twitter, etc.), in any electronic messaging program or through any portable electronic device.

I understand that I may direct to the Johns Hopkins Privacy Officer any questions I have about my obligations under this Confidentiality Pledge or under any of the Hopkins policies and procedures and applicable laws and regulations related to confidentiality.

The contact information is: Johns Hopkins Privacy Officer, telephone: 410-614-9900, e-mail: HIPAA@jhmi.edu.

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*For CME Questions, please contact the Johns Hopkins All Children's CME Office
(727) 767-8584 or email achcme@jhmi.edu.*

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*Reviewed & Approved by:
General Counsel, Johns Hopkins Medicine (4/1/03)
(Updated 4/09 and 3/14)*



ACKNOWLEDGEMENT

We wish to acknowledge the following companies that have provided an educational grant in support of this activity.

Bracco Diagnostics Inc.

Surgical Theater

Please note that the commercial support received is solely for the educational component of the activity and will not be used to provide food and beverage.

Exhibitors

GE Healthcare

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Surgical Theater

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The following relationships have been reported for this activity:

Name	Role	Relationship	Company
James Thompson, MD	Presenter	Paid Consultant	Abbott Laboratories

No one else in a position to control the content of this educational activity has disclosed a relevant financial interest or relationship with any commercial interest.



Faculty

CONFERENCE CO-CHAIRS

James Quintessenza, MD
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Professor, UC Department of Surgery
Cincinnati Children's Hospital
Cincinnati, Ohio



AGENDA

FRIDAY, MARCH 18, 2022

4 CME Hours; 1 Nursing Contact Hour

11:00-12:00 PM

Onsite Conference Check-In and Lunch

11:00-12:00 PM

Log into Conference (Internet Live Conference)

12:00 – 1:00 PM

Welcome and Goals

James Quintessenza, MD

Michael Puchalski, MD, FACC, FASE

Master Class in Morphology: Advanced Understanding of the Anatomy, Presurgical Planning, and Surgical Approach to Aortic Valve Repair

Anatomy of the Arterial Roots

Robert H. Anderson, BSc, MD, FRCPath

Surgical Component

James Quintessenza, MD

Living Anatomy and Imaging Component

Justin T. Tretter, MD

1:00 – 4:00 PM

Hands-On Specimen Stations and Tours of the Johns Hopkins All Children's Hospital Simulation Center – Question and Answer Sessions

Concordant Atrioventricular with Discordant Ventriculo-Arterial Connections – Transposition

Discordant Atrioventricular and Discordant Ventriculo-Arterial Connections – Congenitally Corrected Transposition

Surgical Repairs of Transposition and Congenitally Corrected Transposition

Diane E. Spicer, BS, PA(ASCP)^{CM} ;

Robert H. Anderson, BSc, MD, FRCPath;

James Quintessenza, MD

SATURDAY, MARCH 19, 2022

6.75 CME Hours; 4 Nursing Contact Hours

7:30 – 7:45 AM

Onsite Conference Check-In and Breakfast

Log into Conference (Internet Live Conference)

7:45 – 8:00 AM

Welcome and Goals

Michael Puchalski, MD, FACC, FASE;

James Quintessenza, MD

8:00 – 10:00 AM

Transposition

Moderator: *Michael Puchalski, MD, FACC, FASE*

8:00 – 8:30 AM

What is Transposition?

Robert H. Anderson, BSc, MD, FRCPath

8:30 – 9:00 AM

Demonstration of the Variations to be Found in the Setting of Concordant Atrioventricular and Discordant Ventriculo-Arterial Transposition

Diane E. Spicer, BS, PA(ASCP)^{CM}

9:00 – 9:15 AM

Question and Answer Session with Speakers

Moderator: *Michael Puchalski, MD, FACC, FASE*

9:15 – 9:35 AM

Physiology of Transposition in Fetal Life and Prediction of a Restrictive Atrial Septum

Norman Silverman, MD, DSc (Med), FACC, FASE, FAHA

9:35 – 9:50 AM

Neonatal Transposition

Thieu Nguyen, MD

9:50 – 10:00 AM

Question and Answer Session with Speakers

Moderator: *Michael Puchalski, MD, FACC, FASE*

10:00 – 10:30 AM

Break & Visit Exhibits

Research and Education Building

2nd Floor Lobby (Onsite Only)



SATURDAY, MARCH 19, 2022 (Continued)

10:00 – 10:30 AM

Break

Internet Live Conference

10:30 AM – 12:00 PM

Advanced Imaging and Therapeutics

Moderator: *Daniel Mauriello, MD*

10:30 – 10:55 AM

Advanced Imaging in Transposition: CT/MR/3-D Imaging

Justin T. Tretter, MD

10:55 – 11:15 AM

Simple to Complex: Coronary Patterns Arterial Switch Procedures for Transposition of the Great Arteries

James Quintessenza, MD

11:15 – 11:40 AM

Is Transposition a Problem of Lateralisation

Robert H. Anderson, BSc, MD, FRCPath

11:40 AM – 12:00 PM

Question and Answer Session with Speakers

Moderator: *Daniel Mauriello, MD*

12:00 – 1:30 PM

Lunch Break and Visit Exhibits

Research and Education Building
2nd Floor Lobby (Onsite Only)

12:00 – 1:30 PM

Lunch Break

Internet Live Conference

1:30 – 3:00 PM

Congenitally Corrected Transposition

Moderator: *Daniel Mauriello, MD*

1:30 – 1:50 PM

What is Congenitally Corrected Transposition?

Robert H. Anderson, BSc, MD, FRCPath

1:50 – 2:10 PM

Demonstration of Morphology of Congenitally Corrected Transposition

Diane E. Spicer, BS, PA(ASCP)CM

2:10 – 2:30 PM

Echo- Morphologic Correlations in CCTGA

Norman Silverman, MD, DSc (Med), FACC, FASE, FAHA

2:30 – 2:45 PM

Advanced Imaging in Congenitally Corrected Transposition: Aid in the Path to Decision Making

Justin T. Tretter, MD

2:45 – 3:00 PM

Question and Answer Session with Speakers

Moderator: *Daniel Mauriello, MD*

3:00 – 3:30 PM

Break & Visit Exhibits

Research and Education Building
2nd Floor Lobby (Onsite Only)

3:00 – 3:30 PM

Break

Internet Live Conference

3:30 – 5:00 PM

Adults with Transposition and Congenitally Corrected Transposition

Moderator: *James Quintessenza, MD*

3:30 – 3:45 PM

Natural History of Transposition (Discordant Ventriculo-Arterial Connections) and Congenitally Corrected Transposition (Discordant Atrioventricular and Discordant Ventriculo-Arterial Connections)

Michelle Miller, MD

3:45 – 4:05 PM

Long Term Complications of Transposition (Discordant Ventriculo-Arterial Connections) and Congenitally Corrected Transposition (Discordant Atrioventricular and Discordant Ventriculo-Arterial Connections)

Christopher Talluto, MD

4:05 – 4:25 PM

Arrhythmias in Transposition

Jamie Decker, MD

4:25 – 4:45 PM

Interventions in TGA

James Thompson, MD



SATURDAY, MARCH 19, 2022
(Continued)

4:45 – 5:00 PM
**Question and Answer Session with Speakers
and Closing Remarks**
James Quintessenza, MD
James S. Tweddell, MD