SECOND ANNUAL UPMC CHILDREN'S HOSPITAL OF PITTSBURGH

DA SILVA CENTER FOR EBSTEIN'S ANOMALY SYMPOSIUM

Saturday, Feb. 12, 2022 | 9 a.m. to 1 p.m. Eastern Time

UPMC Children's Hospital of Pittsburgh Rangos Auditorium Zoom

To register, visit UPMC.com/DaSilvaCenterSymposium

We are excited to host the second annual Ebstein's Anomaly Symposium at UPMC Children's Hospital of Pittsburgh. The purpose of this symposium is to provide information about Ebstein's anomaly, the utilization of advanced diagnostic imaging, review of surgical technique, a new approach to staged procedural care, and post-surgical management. The format of this course will include a series of lectures in each section. At the end of every section, we have allowed time for open discussion with the audience.

Conference attendees will have the opportunity to participate in an interactive break-out session hosted by Erin Colvin to discuss the care provided at UPMC Children's Hospital of Pittsburgh. Beginning at 11 a.m., this 45 minute session will answer questions and provide insight for families, patients, and providers about the experience and treatment options that we are proud to offer patients diagnosed with Ebstein's anomaly.

We are grateful to many individuals for bringing this course to fruition, starting with all of the faculty who are presenting during the course. We would also like to thank Erin Colvin, for her dedication to this patient population, as well as her coordination of the patient videos for this presentation. Angela Kinnunen and Lynda Cocco have been a tremendous help organizing this event, and we are thankful for their expertise. We are very grateful to the Heart Institute of UPMC Children's Hospital of Pittsburgh for generously supporting this important educational event.

Thank you for your participation, and we look forward to seeing you at our next annual symposium.





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About Ebstein's Anomaly

Ebstein's malformation is a rare congenital heart disease, and few institutions have significant experience regarding the number of patients. The clinical presentation of Ebstein's anomaly is variable, as well as the timing for surgical intervention. Many patients still have the surgical repair of Ebstein's anomaly postponed due to the fear of having a tricuspid valve replaced by a prosthesis instead of repaired, which would imply the need for many reinterventions in life. Introduced in 1993 by José Pedro Da Silva, MD, the Cone procedure became the standard surgical repair for this disease, being applicable for almost all situations, however, only a few surgeons are familiar with this operation, considering the variability of anatomical presentation of this congenital heart disease. The improved approach done by the UPMC team to treat newborns with Ebstein's anomaly with new surgical concepts, and the capability to do valve repair in complex situations, need to be divulged. All professionals involved in the treatment of this heart condition need to understand the key points in the complementary tests and in the perioperative care that are crucial for treatment success and better long-term outcomes.

Ebstein's anomaly is a rare congenital heart defect. The Cone procedure is very specific to this patient population and is offered in only a few centers around the world. There have been advances in technique for management of this heart defect, and it is important for all pediatric cardiologists to understand the options that exist to best care for their patients and increase their chance of survival with the best possible outcomes. The Children's Hospital of Pittsburgh specializes in this specific area of expertise and would like to share this knowledge with as many physicians as possible.

Learning Objectives

- Education about Ebstein's malformation, a congenital disease of the tricuspid valve, right ventricle, and right atrium, regarding embryology, anatomy, and complementary diagnostic tests, as well as contemporary indications for surgical treatment.
- Demonstration of surgical steps of the Cone procedure, especially the repair of complex cases.
- Education about neonatal management in very sick newborns with contemporary resources and procedures available.

This activity can improve knowledge about this congenital heart disease, in addition to its clinical and surgical management. The main points in clinical evaluation and surgical repair will be addressed.

Target Audience

This course is designed for pediatric and adult cardiologists, cardiothoracic surgeons, APPs, and other medical professionals interested in congenital heart disease.

	9 a.m.	Welcome Victor O. Morell, MD Jacqueline Kreutzer, MD, FACC, FSCAI
I. Embryology/		y/Pathology
	Moderator: J	acqueline Kreutzer, MD, FACC, FSCAI
	9:05 a.m.	Review of Ebstein's Anomaly Robert H. Anderson, MD, FRCPath (15 min)
	9:20 a.m.	Video Demonstration of Heart Specimens William Devine, BS (10 min)
	9:30 a.m.	Discussion (15 min)
II.	Ebstein's Anomaly in the Neonate Moderator: Jacqueline Kreutzer, MD, FACC, FSCAI	
	9:45 a.m.	Fetal Echocardiography in Ebstein's Anomaly: Diagnoses and Management Lindsay Freud, MD (15 min)
	10 a.m.	Fetal Journey in Pittsburgh Jennifer Johnson, DO (15 min)
	10:15 a.m.	Neonatal Surgical Intervention Victor O. Morell, MD (15 min)
	10:30 a.m.	Cone Repair After Starnes Procedure Luciana Da Fonseca Da Silva, MD (15 min)
	10:45 a.m.	Discussion (10 min)
	10:55 a.m.	*Patient Story* (5 min) Erin Colvin, CRNP

III.	Moderator: Ta	nomaly in Children rek Alsaied, MD, FACC, MSc orman H. Silverman, MD, DSc (Med), FACC, FAHA, FASE
Brea	ractive ık-Out iion Begins	Erin Colvin, CRNP (45 min)
	11 a.m.	Echocardiography in Ebstein's Anomaly - Diagnostic Tips Lizabeth Lanford, MD (15 min)
	11:15 a.m.	Cardiac Catheterization in Ebstein's Anomaly: Diagnostic and Intervention Jacqueline Kreutzer, MD, FACC, FSCAI (15 min)
	11:30 a.m.	MRI Predictors for Right Ventricular Dysfunction after Cone Procedure Tarek Alsaeid, MD, FACC, MSc (15 min)
	11:45 a.m.	Ebstein's Anomaly: Evolution of the Surgical Maneuvers of the Cone Repair José Pedro Da Silva, MD (20 min)
	12:05 p.m.	Discussion (10 min)
	12:15 p.m.	*Patient Story* (5 min) Erin Colvin, CRNP
IV.		nomaly in the Adult rek Alsaied, MD, FACC, MSc
	12:20 p.m.	Natural History/Surgical Indication and Results Arvind K. Hoskoppal, MD, MHS (15 min)
	12:35 p.m.	Diagnostic Testing for Ebstein's Anomaly in the Adult Population Adam Christopher, MD (15 min)
	12:50 p.m.	Case Presentations - Round Table Discussion (10 min) José Pedro Da Silva, MD Luciana Da Fonseca Da Silva, MD Arvind Hoskoppal, MD, MHS Adam Christopher, MD Jackie Kreutzer, MD, FACC, FSCAI Victor Morell, MD
	1 p.m.	Final Remarks and Adjournment Victor Morell, MD José Pedro Da Silva, MD

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The following relevant financial relationships were disclosed:

Jacqueline Kreutzer, MD, FACC, FSCAI Grant/Research Support: Medtronic; Edwards LifeSciences Consultant: Medtronic

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