Program Description

The three day scientific program will cover controversial issues in cardiovascular disease, heart failure, critical care, vascular disease, congenital heart disease, and ECMO. Sessions will include a combination of challenging cases, debates, and keynote lectures. Leading investigators will share their knowledge, present cutting edge research, and their experiences with complex and controversial cases.

Who Should Attend

This course is directed at health care providers including cardiologists, cardiac surgeons, perfusionists, nurses, ECMO specialists, respiratory specialists, primary care physicians, multidisciplinary heart team members, mid-level providers and administrators.

Educational Objectives

1. Comprehend the current controversies in cardiovascular medicine including an increased understanding of heart failure treatments.

2. Develop new strategies for value-based care into practice for and adult and pediatric cardiac patients.

3. Review updated guidelines, therapies, and technology in the assessment, treatment, and management of cardiac disease for adult and pediatrics.

4. Identify risk factors for cardiac disease and heart failure at the primary care physician level and how to escalate care.

5. Analyze the long term surveillance and management care plan collaboration with mid-level care for high risk cardiac patients to remain outside the hospital in adult and pediatric patients.
### Thursday 9/21/17

- **2-3 P**  Registration and Coffee
- **3-5**  Interesting Cases/Meet the Experts
- **5-9**  Reception with Exhibits (5-630) followed by Social Event at Kingsmill

### Friday 9/22/17 | Cases & Controversies in Complex Cardiovascular Disease

- **7 A**  Registration, Exhibits, and Breakfast (included)
- **8**  Welcome
- **810**  Role of Percutaneous Ventricular Support in 2017
- **830**  LVADS: Indications, Exclusions, and Endpoints
- **850**  Transcatheter Mitral Technologies: Outcomes in Early Cases
- **910**  Coronary Disease in the TAVR population: How, When, What Order
- **930**  Break and Exhibits
- **945**  Left main Stenting: 2017 Data
- **1010**  Hybrid Coronary Revascularization: Benefit or Hoax?
- **1035**  Limits of Endovascular Aortic Repair: When Is Open operation Necessary?
- **11**  Approaches to complicated Type A dissection
- **1125**  Pearls in Echo Related to Valve Imaging
- **1150**  Panel Discussion
- **12-130 P**  Stump The Experts: Challenging Cases/ What would you do? (Lunch included)
- **5-630**  Reception and Exhibits

### Saturday 9/23/17 | Updates in Cardiovascular Disease

- **730 A**  Registration and Breakfast (included)
- **8**  Anticoagulation: When do you need to Bridge?
- **820**  Update on New Valve Guidelines in 2017
- **840**  CAD: Medical Therapy vs. Revascularization
- **9**  Lifevest: Who Should Really Get One?
- **920**  Panel Discussion
- **930**  Break and Exhibits
- **945**  Asymptomatic Valve Disease: When to Refer, When to Treat
- **1010**  Complex Lipid Management
- **1035**  The Outpatient with an LVAD: When to Panic
- **11**  Coronary CTA: When is it appropriate?
- **1125**  Panel Discussion/Q&A
- **1135-1 P**  Stump The Experts: Challenging Cases/ What would you do? (Lunch Included)
- **430-6**  Social Dinner Event at Busch Gardens (ticket needed separately)
AGENDA

ECMO SESSION

Thursday 9/21/17

715 A  Registration, Exhibits, and Breakfast (included)
8     Welcome
810   CRRT and ECMO
835   Ambulating ECMO patients
9     Adult ECMO transport
920   Panel Discussion
930   Break and Exhibits
945   ECMO and Volume Loss
1010  Porcine ECMO project
1035  ECMO Patients in Cardiac floor
11    Collaboration of Surgical and ECMO Staff for Excellent Outcomes
1125  MARs and ECMO
1150  Panel Discussion
12-1 P Lunch (included) and Exhibits

PERFUSION SESSION

Thursday 9/21/17

1 P    Welcome
110   Total Artificial Heart
135   Red Blood Cell Transfusion in Patients with Cardiovascular Disease
2     6S to Success: Using 6S Methodology To Improve TCVICU & OR Patient Outcomes
225   Implementation of AORN standards in the Cardiac Cath Lab
245   Break and Exhibits
3     Behind the Scenes at UNOS
325   Whole Pump Blood Post Bypass Study
350   Risks of red cell transfusion: What every clinician should know
415   TEG Management and Perfusion
440-5 Panel Discussion
5-9   Reception with Exhibits (5-630) followed by Social Event at Kingsmill
AGENDA

PEDIATRIC SESSIONS

Friday 9/22/17

7 A  Registration, Exhibits, and Breakfast (included)
745  Welcome
750  Neonatal repair of Tetralogy of Fallot
820  Ductal Stenting vs shunt for patients with pulmonary atresia
850  Timing of Pulmonary valve replacement in patients with PI (ToF and other PV abnormalities)
920  Panel Discussion
930  Break and Exhibits
945  VADs or Transplant in patients with Muscular Dystrophy or other Genetic Diagnoses
1015 Aortic valve surgery: Repair, replace, Ross, mechanical
1045 Management of the Anomalous Coronary Artery
1115 Strategies for achieving hemostasis in complex neonatal cardiac surgery
1145 Panel Discussion
12-1 P Lunch (included) and Exhibits
5-630 Reception and Exhibits

Saturday 9/23/17

7 A  Registration, Exhibits, and Breakfast (included)
730  Welcome
750  Feeding the single ventricle patient, pre and post op
820  Mechanical support in Glenn and Fontan patients
850  Timing of Fontan in patients with “good Glenn"
920  Panel Discussion
930  Break and Exhibits
945  Appropriate flu for the patient with Fontan; serial testing and when to evaluate/list for transplant
1015 Anticoagulation post Glenn and Fontan
1045 Proceed with the Glenn or band/shunt to restrict pulmonary blood flow prior to Glenn?
1115 Controversial Case Presentation
1145 Panel Discussion
12-1 P Lunch (included) and Exhibits
430-6 Social Dinner Event at Busch Gardens (ticket needed separately)
VASCULAR DISEASE SESSION

Friday 9/22/17

7 A  Registration, Exhibits, and Breakfast (included)
8A  Welcome
810  Complex EVAR and TEVAR
835  The angiosome theory: any use in planning lower extremity revascularization
9  Title TBD
920  Panel Discussion
930  Break
945  Interim Results of the ARREST Trial (Aortic Aneurysm Repression with Mesenchymal Stem Cells)
1010  Reintervention Rates after Complex EVAR
1035  Title TBD
11  Innovation and translational research in vascular surgery
1125  Current Status of Cell Therapy for Peripheral Arterial Disease
1150  Panel Discussion
12-1 P  Lunch (included) and Exhibits
5-630  Reception and Exhibits

Stay Tuned...
Meeting App to be released
August 2017

Updated agenda, speaker list and bios, presentations and course materials, exhibitor list, conference site information, and more
SPEAKERS
(and Planning Committee)

Gorav Ailawadi, MD (Course Director and Adult Sessions) | Associate Professor of Surgery | University of Virginia
Dana Apsel, CCP | Chief Perfusionist | New York Presbyterian Hospital
Blase A Carabello, MD | Professor of Medicine | East Carolina University
Jeffrey L Carson, MD | Professor of Medicine | Rutgers University
Donna H Clarke, RN | RN Procedure Coordinator | University of Virginia
James J Gangemi, MD (Pediatric Sessions) | Associate Professor of Surgery | University of Virginia
Susan W Gianakos, RN (Nurse Planner) | Cardiovascular Transition Unit | University of Virginia
Michael R Hainstock, MD | Assistant Professor of Pediatrics | University of Virginia
William G Harmon, MD | Associate Professor of Pediatrics | University of Virginia
Jamie L W Kennedy, MD (Planning Committee) | Assistant Professor of Medicine | University of Virginia
John A Kern, MD (Adult Sessions) | Professor of Surgery | University of Virginia
Christopher J Kwolek, MD | Assistant Professor of Surgery | Harvard Medical School
D Scott Lim, MD (Adult Sessions) | Associate Professor of Pediatrics and Medicine | University of Virginia
Peter D Mantell, BS, CCP | Staff Perfusionist | University of Virginia
Harry L McCarthy, CCP | Chief Perfusionist | Virginia Commonwealth University Health System
Michael A McCulloch, MD | Associate Professor of Pediatrics | University of Virginia
Carlos M Mery, MD, MPH | Associate Surgeon of Congenital Heart Surgery | Texas Children's Hospital
Donald G Mitchell, MSN, CNL, RN, RCS, CNOR | Cardiovascular Thoracic Nurse Manager | University of Virginia
Dustin T Money, RRT-ACCS | ECMO Specialist | University of Virginia
Michael P Murphy, MD | Associate Professor of Surgery | Indiana University School of Medicine
Richard F Neville, MD | Associate Director of Inova Heart and Vascular Institute | Inova Fairfax Medical Campus
Killian P O'Shaughnessy | Chief Perfusionist | the Children's Hospital at Westmead (Australia)
Harrison T Pitcher, MD, FACS, FRCS | Associate Professor of Surgery | Thomas Jefferson University
Michael Ragosta, III, MD (Course Director and Adult Sessions) | Professor of Medicine | University of Virginia
William P Robinson, MD (Vascular Session) | Associate Professor of Surgery | University of Virginia
Mark E Roesser, MD (Pediatric Sessions) | Assistant Professor of Pediatrics | University of Virginia
Carol Ann Rosenberg, MBA, CCP (ECMO and Perfusion Sessions) | Director of Pediatric ECMO | University of Virginia
Michael Salerno, MD, PhD | Assistant Professor of Medicine | University of Virginia
Habib Samady, MD, FACC, FSCAI | Professor of Medicine | Emory University Hospitals
Andres Schanzer, MD, FACS, FRCS | Professor and Chief of Surgery | University of Massachusetts
Daniel S Schneider, MD (Pediatric Sessions) | Associate Professor of Pediatrics | University of Virginia
Joseph Schoeny, RN, BSN, MHSA | Performance Improvement Coach | University of Virginia
Sarah A Schubert, MD | Integrated Cardiothoracic Surgery Resident | University of Virginia
Aditya M Sharma, MBBS | Assistant Professor of Medicine | University of Virginia
Kristen N Sisaithong, MA | Performance Improvement Lead, Member Quality | United Network for Organ Sharing
Thomas L Spray, MD | Chief of Cardiothoracic Surgery | Children's Hospital of Philadelphia
Angela M Taylor, MD | Associate Professor of Medicine | University of Virginia
Nicholas R Teman, MD (ECMO and Perfusion Sessions) | Thoracic Surgery Fellow | University of Virginia
S Craig Thomas, MSN, NP (Nursing Content Specialist) | Advanced Heart Failure Center | University of Virginia
Gilbert R Upchurch, Jr, MD (Vascular Session) | Professor of Surgery | University of Virginia
Jeffrey E Vergales, MD | Assistant Professor of Pediatrics | University of Virginia
Leora T Yarboro, MD (Adult Sessions) | Assistant Professor of Surgery | University of Virginia
Andrea M Zimmerman, EdD (Planning Committee) | CME Program Manager | University of Virginia
Accreditation and Designation Statement

The University of Virginia School of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

The University of Virginia School of Medicine designates this live activity for a maximum of 18 AMA PRA Category 1 Credits. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The University of Virginia School of Medicine awards 18 hours of participation to each non-physician participant who successfully completes this educational activity. The University of Virginia School of Medicine maintains a record of participation for six (6) years.

The University of Virginia School of Nursing Continuing Education is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center’s Commission on Accreditation.

The University of Virginia SONCE awards 18 contact hours for nurses who participate in this educational activity and complete the post activity evaluation.

Successful completion of this CME activity, which includes participation in the activity, with individual assessments of the participant and feedback to the participant, enables the participant to earn 18 MOC points in the American Board of Internal Medicine (ABIM), American Board of Pediatrics (ABP), and American Board of Surgery (ABS) Maintenance of Certification (MOC) programs. Physicians should claim only the credit commensurate with the extent of their participation in the activity. It is the CME activity provider’s responsibility to submit participant completion information to ACCME for the purpose of granting ABP and ABIM MOC credit. It is the participant’s responsibility to self-report points for ABS MOC credit.

This live activity is approved for 21.2 CEUs by the American Board of Cardiovascular Perfusion.

Registration

Register and pay online at www.cmevillage.com. Online registration will close September 14, 2017.

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<td>Full Conference</td>
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Saturday, 9/23 Busch Gardens Day- Sign-up by 9/1/17 during Registration.

Adult tickets $55, Child 3-9 years $45: Includes dinner from 4:30-6 pm in Black Forest Picnic area behind Das Festhaus in Oktoberfest. Park is open until 10P. (General Admission tickets $80 and $70 respectively through Busch Gardens after 9/1/17 and no admittance to picnic.)
Location and Lodging

CONFERENCE SITE Kingsmill Resort
1010 Kingsmill Road, Williamsburg VA, www.kingsmill.com

Complimentary WiFi in guestrooms and meeting rooms; parking; shuttle service through resort and to Colonial Williamsburg, Busch Gardens and Water Country USA

LODGING based on availability
Group Block Rates (plus tax): Resort Guestrooms $179, Deluxe Guestrooms $199. Make reservations by September 6, calling the Resort Reservation Department at 1-757-253-1703 or 1-800-832-5665, request the University of Virginia Office of CME block.

Tennis court block (first come, first served) for Friday, September 22 after 2 pm at $32/court. Contact Kingsmill directly to reserve.

Golf tee time block (first come, first served) for Saturday, September 23 from 2-3:30P for $110 for River Course and $65 for Plantation Course. Contact Kingsmill directly to reserve.