

# 43rd Annual Seminar of The American Academy of Cardiovascular Perfusion: Webcast

February 10-12, 2022

*All times listed are Central Time.*

## Thursday, February 10, 2022

7:00 AM – 7:45 AM

Historical Video Presentations

7:45 AM – 09:30 AM

### **Scientific Paper Session**

*Moderators: Molly Bryant and Scott Noesges*

Hypobaric Perfusion, Latest Update, What's on the horizon?

*Gabrielle Ward, CCP*

Hemostatic Complications On ECMO In COVID-19 (Sars-CoV-2)

Negative Versus COVID-19 (Sars-CoV-2) Positive Patients

*Michelle McArdle*

Improvements In Clinician Performance And Goal Directed Perfusion (GDP) on CPB: What Does The Data Suggest?

*Christine Chan, CCP*

Comparing Recommended Limits Of Nadir  $DO_2i$  Between Adult And Pediatric Patients During Cardiopulmonary Bypass: A Meta-Analysis

*Kris Fischer*

DNA Microplegia vs Del Nido: A Single and Multi-dose Study

*Scott Noesges, CCP, LP*

9:30- AM – 11:30 AM

### **Fireside Chats**

*Pediatrics*

*Everything ECMO: starting, maintaining & growing a program*

11:30AM - 12:30PM

Lunch (Historical Videos)

12:30 PM – 2:00 PM

### **Special Scientific Panel Session - Myocardial Protection and Transplant**

*Moderators: Steven Sutton and Edward Delaney*

ABO Incompatible Transplant Therapy

*Dr. Richard Issitt, B.Sc (Hons), PgCert, DClinP, FCCP, AACP*

Myocardial Protection - *Greg Matte, CCP, LP, FPP*

Custodial Cardioplegia - *Bill Nicotra, MSL, CCP, LP*

Xenotransplant – Today and Tomorrow - *Tony Calhoun, MS, CCP*

Panel Discussion

2:00 PM – 3:00PM

### **Accreditation and Credentialing Updates**

*Moderator: Brad Kulat*

State of the ABCP - *Brad Kulat, CCP*

ABCP 2020/2021 Workforce Survey Review - *Ann Guercio CCP, LP, MBA*

AC-PE Continuing Education Modules - *Emily Thunstrom- Kahring, CCP*

3:00 PM – 3:30PM

Break

3:30PM – 5:30PM

**Special Scientific Panel Session - Current Topics**

*Moderators: Ann Guercio and Allison Weinberg*

Cardiogenic Shock Team

*Vika Kagan, APN-BC*

Reoperative Aortic Arch Repair and Frozen Elephant trunk stent graft:  
Surgeon and Perfusionist review. (Video)

*Edward DeLaney, MS, MBA, LP, CCP and Derek Brinster, MD*

CARMAT TAH: First US Implant at Duke University

*Charles Knoerzer MS, CCP, LP and Emily Venneri MS, CCP, LP*

Airflow in the Operating Room

*Carl Gisnarian, CCP*

Heparin Management for Pediatric CPB: What's the big fuss?

*Bharat Datt, MS, CCP, CPC, FPP, MBA*

Machine Learning, Perfusion Decision Making

*Roger Daglius Dias, MD*

**Friday, February 11, 2022**

7:00 AM – 8:00 AM

Video Presentations

8:00 AM – 9:30 AM

**Scientific Paper Session**

*Moderators: Edward Darling and Kirti Patel*

Case Report, ECMO Oxygenator Changeouts, Algorithm Based,  
Hemolysis, COVID vs. conventional: What's going on today?

*Chloe Choi, CCP*

Pediatric VAD+CRRT in a rare complex patient VAD support

*Isaac Chinnappan, MS, CCP, LCP, FPP, CPBMT, CPBMS, CES-A*

Using Circulating ACE2 Products To Predict Prognosis And Determine  
Efficacy Of Treatment For ARDS Patients Receiving VV ECMO Therapy

*Megan Thorbahn*

Comparison of Alternative Anticoagulation Strategies for Extracorporeal  
Membrane Oxygenation

*Trevor Millikan*

9:30- AM – 11:30 AM

**Fireside Chats**

*Pediatric ECMO*

*Myocardial Preservation*

11:30AM - 1:00PM	Lunch (Historical Videos)
1:00 PM – 2:00 PM	<p><b>Special Panel Session - <i>International Perspective</i></b>  <i>Moderators: Robert Stroud</i></p> <p>Cardiac Mission: A Decade of Dedication  <i>Robert Stroud, MS, CCP, LP</i></p> <p>Establishing Sustainable Cardiac Care Aboard  <i>Clarisa Czekajlo, CCP</i></p> <p>Perfusion in Spain (PerfusFind)  <i>Joan Esteller</i></p>
2:00 PM – 3:15PM	<p><b>Special Scientific Panel Session - <i>Cardiac Assist Devices</i></b>  <i>Moderators: Isaac Chinnappan and Deborah Adams</i></p> <p>Current IABP Trends - <i>Kacey Dee</i>  Surgical Applications of Impella - <i>Jacob Adams, RN</i>  Left Ventricular Assist Devices - <i>O. Howard "Bud" Frazier, MD</i>  Panel Discussion</p>
3:15 PM – 3:45 PM	Break
3:45 PM – 5:30 PM	<p><b>Memorial Session</b>  <i>Moderator: Carmen Giacomuzzi</i></p> <p><b><i>Charles C. Reed Memorial Lecture - Charles Carter</i></b>  <b><i>Thomas G. Wharton Memorial Lecture - William Riley, CCP</i></b></p>

**Saturday, February 12, 2022 - *Multi-disciplinary ECMO Day***

7:00 AM – 8:00 AM	Historical Video Presentations
8:00 AM – 9:30 AM	<p><b>Special Scientific Panel Session - <i>Data Management</i></b>  <i>Moderators: Bharat Datt and Linda Mongero</i></p> <p>Transitioning from Paper to Paperless Charting - Our Experience  <i>Gill Ford II, CCP, LP</i></p> <p>EMR for Perfusion – What 30 years has taught me.  <i>Stephen Peterson, CCP</i></p> <p>ERACS, Enhanced recovery following cardiac surgery, can automated data acquisition improve patient care?  <i>James Beck, MS, CCP, LP, FAACP</i></p> <p>Computer Automated Bypass, Autopilot. Is it ready for Prime Time?  <i>Kenmund Fung, CCP</i></p>

	Panel Discussion
9:30 AM – 10:00 AM	Break
10:00 AM – 11:30 AM	<p><b>Special Scientific Panel Session - Current ECMO Topics - Part I</b>  <i>Moderators: Christine Chan and Justin Resley</i></p> <p>Pediatric ECMO: Philosophy &amp; Practice  <i>Bharat Datt, MS, CCP, CPC, FPP, MBA</i></p> <p>Characterizing Severe Post COVID-19 Patients Who Required Lung Transplantation  <i>Allison Eby</i></p> <p>Patient and Family Experiences of Adult ECMO  <i>Krista A. Knudson, PhD, APRN</i></p> <p>ECMO Sharing Network  <i>Justin Sleasman, CCP</i></p> <p>Panel Discussion</p>
11:30 AM – 1:00 PM	Lunch (Historical Videos)
1:00 PM – 3:30 PM	<p><b>Special Scientific Panel Session - Current ECMO Topics - Part II</b>  <i>Moderators: David Fitzgerald and James Beck</i></p> <p>"Virtual" Physiology of ECMO  <i>Marc Dickstein, MD</i></p> <p>ECMO Ambulation  <i>Daniel Brodie, MD</i></p> <p>Review of the ECMO "Mixing Cloud" Phenomenon and Comparison of Harvi and Califia Simulators to Diagnose Differential Hypoxia in Adult Peripheral V-A ECMO Models  <i>Anthony Evangelista, RN, CCRN</i></p> <p>ECMO Trial Off With Retrograde Flow  <i>Giles Peek, MD</i></p> <p>Our Experience With CytoSorb®  <i>Fred Hill, CCP</i></p> <p>Panel Discussion</p>
3:30 PM – 5:30 PM	<p><b>Fireside Chats</b>  <i>Dealing with stress, finding work/life balance, team building &amp; communication</i>  <i>ECMO and VAD: scenarios and transports</i></p>