

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

Hyatt Regency Lost Pines Resort & Spa

575 Hyatt Lost Pines Road

Lost Pines, Texas

February 9-12, 2022

*All times listed are Central Time.*

*All attendees must be preregistered to attend, so please visit our website at [www.theaacp.com](http://www.theaacp.com).*

## Wednesday, February 9, 2022

9:00 AM – 2:00 PM

REGISTRATION

3:30 PM - 4:00 PM

Opening Business Meeting

*Fellow, Member, Senior and Honorary Members*

4:00 PM – 7:00 PM

**Manufacturers' Breakout Rooms**

## Thursday, February 10, 2022

7:00 AM

REGISTRATION

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**

*Student forum*

*Pediatrics*

*Building your state society-let's learn from each other*

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

*Perfusion accidents*

|                    |   |
|--------------------|---|
| 11:30AM - 12:30PM  | <p>Lunch<br/>         Guest Speaker Courtesy of Abbott<br/> <i>Dr. Jonathan Yang, MD, MPH, FACS</i><br/>         Surgical Director, Advanced Heart Failure Program, Heart Hospital of Austin</p>  |
| 12:30 PM – 2:00 PM | <p><b>Special Scientific Panel Session - Myocardial Protection and Transplant</b><br/> <i>Moderators: Steven Sutton and Edward Delaney</i></p> <p>ABO Incompatible Transplant Therapy<br/> <i>Dr. Richard Issitt, B.Sc (Hons), PgCert, DClinP, FCCP, AACP</i><br/>         Myocardial Protection - <i>Greg Matte, CCP, LP, FPP</i><br/>         Custodial Cardioplegia - <i>Bill Nicotra, MSL, CCP, LP</i><br/>         Xenotransplant – Today and Tomorrow - <i>Tony Calhoun, MS, CCP</i><br/>         Panel Discussion</p>  |
| 2:00 PM – 3:00PM   | <p><b>Accreditation and Credentialing Updates</b><br/> <i>Moderator: Brad Kulat</i></p> <p>State of the ABCP - <i>Brad Kulat, CCP</i><br/>         ABCP 2020/2021 Workforce Survey Review - <i>Ann Guercio CCP, LP, MBA</i><br/>         AC-PE Continuing Education Modules - <i>Emily Thunstrom- Kahring, CCP</i></p>  |
| 3:00 PM – 3:30PM   | Break   |
| 3:30PM – 5:30PM    | <p><b>Special Scientific Panel Session - Current Topics</b><br/> <i>Moderators: Ann Guercio and Allison Weinberg</i></p> <p>Cardiogenic Shock Team<br/> <i>Vika Kagan, APN-BC</i></p> <p>Reoperative Aortic Arch Repair and Frozen Elephant trunk stent graft:<br/>         Surgeon and Perfusionist review. (Video)<br/> <i>Edward DeLaney, MS, MBA, LP, CCP and Derek Brinster, MD</i></p> <p>CARMAT TAH: First US Implant at Duke University<br/> <i>Charles Knoerzer MS, CCP, LP and Emily Venneri MS, CCP, LP</i></p> <p>Airflow in the Operating Room<br/> <i>Carl Gisnarian, CCP</i></p> <p>Heparin Management for Pediatric CPB: What's the big fuss?<br/> <i>Bharat Datt, MS, CCP, CPC, FPP, MBA</i></p> <p>Machine Learning, Perfusion Decision Making<br/> <i>Roger Daglius Dias, MD</i></p> |
| 06:00PM            | <b>Sponsor's Hands-On Workshop &amp; Reception</b>  |

**Friday, February 11, 2022**

7:00 AM

REGISTRATION

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*

Circuitry Challenges and Clinical Significance of Integrating CRRT with PediMag VAD Support for an Infant with Single Ventricle Complex Physiology  
*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**

*Pump on: the 1st five years, what they didn't teach you in school*  
*Pediatric ECMO*  
*Myocardial preservation*  
*Simulation: high fidelity, low fidelity and everything in between*  
*Pediatrics*

11:30AM - 1:00PM

Lunch (Historical Videos)

1:00 PM – 2:00 PM

**Special Panel Session - *International Perspective***

*Moderators: Robert Stroud*

Cardiac Mission: A Decade of Dedication  
*Robert Stroud, MS, CCP, LP*

Establishing Sustainable Cardiac Care Aboard  
*Clarisa Czekajlo, CCP*

Perfusion in Spain (PerfusFind)  
*Joan Esteller*

2:00 PM – 3:15PM

**Special Scientific Panel Session - *Cardiac Assist Devices***

*Moderators: Isaac Chinnappan and Sanjay Patel*

Current IABP Trends - *Kacey Dee*  
Surgical Applications of Impella - *Jacob Adams, RN*

Left Ventricular Assist Devices - *O. Howard Frazier, MD*  
Panel Discussion

3:15 PM – 3:45 PM

Break

3:45 PM – 5:30 PM

**Memorial Session**

*Moderator: Carmen Giacomuzzi*

**Charles C. Reed Memorial Lecture** - *Charles Carter, Futurist Speaker and Innovation Journalist*

**Thomas G. Wharton Memorial Lecture** - *William Riley, CCP*

6:30 PM

Induction Dinner

*All Attendees and Guests*

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

7:00 AM

REGISTRATION

7:00 AM – 8:00 AM

Historical Video Presentations

8:00 AM – 9:30 AM

**Special Scientific Panel Session - Data Management**

*Moderators: Bharat Datt and Linda Mongero*

Transitioning from Paper to Paperless Charting - Our Experience  
*Gill Ford II, CCP, LP*

EMR for Perfusion – What 30 years has taught me.  
*Stephen Peterson, CCP*

ERACS, Enhanced recovery following cardiac surgery, can automated data acquisition improve patient care?  
*James Beck, MS, CCP, LP, FAACP*

Computer Automated Bypass, Autopilot. Is it ready for Prime Time?  
*Kenmund Fung, CCP*

Panel Discussion

9:30 AM – 10:00 AM

Break

10:00 AM – 11:30 AM

**Special Scientific Panel Session - Current ECMO Topics - Part I**

*Moderators: Christine Chan and Justin Resley*

Pediatric ECMO: Philosophy & Practice  
*Bharat Datt, MS, CCP, CPC, FPP, MBA*

Characterizing Severe Post COVID-19 Patients Who Required Lung Transplantation  
*Allison Eby*

|                    |  |
|--------------------|--|
|                    | <p>Patient and Family Experiences of Adult ECMO<br/><i>Krista A. Knudson, PhD, APRN</i></p> <p>ECMO Sharing Network<br/><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><br/><i>Moderators: David Fitzgerald and James Beck</i></p> <p>"Virtual" Physiology of ECMO<br/><i>Marc Dickstein, MD</i></p> <p>ECMO Ambulation<br/><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<br/><i>Anthony Evangelista, RN, CCRN</i></p> <p>ECMO Trial Off With Retrograde Flow<br/><i>Giles Peek, MD</i></p> <p>Our Experience With CytoSorb®<br/><i>Fred Hill, CCP</i></p> <p>Panel Discussion</p> |
| 3:30 PM – 5:30 PM  | <p><b>Fireside Chats</b><br/><i>Blood conservation and transfusion triggers</i><br/><i>Industry and CCP</i><br/><i>Dealing with stress, finding work/life balance, team building &amp; communication</i><br/><i>ECMO and VAD: scenarios and transports</i></p>   |
| 5:30 PM            | <p>Closing Business Meeting<br/><i>Fellow, Senior and Honorary Members Only</i></p>  |