

**48th Annual Seminar of
The American Academy of Cardiovascular Perfusion
Hilton Salt Lake City Center
255 South West Temple, Salt Lake City, UT 84101
February 3-6th, 2027**

Tentative Program Outline

Wednesday, February 3rd, 2027

1:00 pm – 5:00 pm	REGISTRATION
2:30 pm – 5:00 pm	Manufacturers' Breakout Rooms
5:00 pm – 5:30 pm	Opening Business Meeting <i>Fellow, Member, Senior, and Honorary Members</i>
5:30 pm – 7:00 pm	Pro/Con Debates <i>Hypobaric (Physiologic) Perfusion vs. Traditional Oxygenation</i> <i>Presentation A — Hypobaric Approach</i> <i>Presentation B — Traditional Oxygenation: Defending the Standard</i> <i>Panel Q&A</i> <i>ECMO / VAD / NRP — CCP-Led vs. Non-Perfusionist Operators</i> <i>Presentation A — The CCP-Led Model: Safety, Standards & Outcomes</i> <i>Presentation B — Expanded Operator Scope: Practicality & Risk</i> <i>Panel Q&A</i>

Thursday, February 4th, 2027

7:00 am – 10:00 am	REGISTRATION
7:00 am – 7:45 am	Historical Video Presentation and Breakfast
7:45 am – 9:30 am	Special Scientific Panel Session I — Emerging Technologies & Novel Interventions Opening Remarks & Session Introduction Physiologic (Hypobaric) Perfusion & Hybrid Venous Reservoir <i>- Matthew Beck, CCP- Massachusetts General Hospital</i> Hepzato Procedure - Percutaneous Hepatic Perfusion <i>- Dr. Samuel Wilhite- Assistant Professor of Interventional Radiology, University of Utah Health</i> Intravascular / Catheter-Based Gas Exchange <i>- Dr. Tobias Straub, Assistant Professor of Pediatrics, Duke University School of Medicine</i> Heater-Cooler Technology: Current Landscape and Future Directions Panel Q&A

9:30 am – 11:30 am

Fireside Chats

AI & Perfusion — OR Black Box & Decision Support

Current tools; what's real vs. hype; safety implications; AI-assisted real-time decision making

CPB and ECMO — Best Monitoring Techniques & Circuit Designs

Anticoagulation monitoring, microvascular assessment, circuit modifications; nitric oxide circuit integration

Enhanced Recovery After Cardiac Surgery (ERACS)

Goals, protocols, perfusionist role in early extubation pathways

PERFUSION Journal Club

Selected articles from PERFUSION journal to be discussed as a group

Students Only FSC

Webcast FSCs

Complex and Hybrid Pediatric Cases

Open case-sharing format; complex congenital, ECMO, hybrid; moderator-led

Transplant Today – Hearts, Lungs, Livers, & Kidneys

DCD evolution; perfusionist role; NRP landscape; Transmedics OCS; Xeno heart update

11:30 am – 12:30 pm

Lunch and Historical Presentation

12:30 pm – 2:30 pm

Special Scientific Panel Session II — MCS, ECMO & Anticoagulation

Session Introduction

Physiology of ECMO and CPB -Establishing a Myocardial Steady State

- *Dr. Marc Dickstein, Professor of Anesthesiology at Columbia University Medical Center/NYP*

PROTECT-TAVR, ECMO LAVA Technique for High Risk TAVR

Updates on Heart Failure & Mechanical Circulatory Support

- *Dr. Craig Selzman, Professor of Surgery and Chief of the Division of Cardiothoracic Surgery, University of Utah*

Impella: Prophylaxis, Escalation & De-escalation Strategies

Monitoring Reversal and Managing Heparin Rebound After Losing the Hepcon:

Business as Usual? - Michael Vespe, CCP, Northwell Health

Panel Q&A

2:30 pm – 3:00 pm

Historical Presentation and Break

3:00 pm – 5:00 pm

Concurrent Dual-Track Session

Attendees choose Room A (Main Ballroom) or Room B (Canyon Room)

ROOM A - Main Ballroom

Congenital & Pediatric Perfusion

Congenital & Pediatric Session - Welcome

Type B Lactic Acidosis in Non-Complex Congenital Cases

- Rich Ginther, CCP, Children's Medical Center of Dallas

Bloodless Surgery & Modified Ultrafiltration in Small Patients

- Kevin Charrette, CCP, Seattle Children's Hospital

Reimagining the Pediatric Perfusion Curriculum

- Ed Harman, CCP, University of Utah

From the Ground Up: Rebuilding a Congenital Heart Program

- Brent Fare, CCP, Mary Bridge Children's Hospital

Incorporation of Sweep Nitric Oxide into ECMO: A Retrospective Analysis

- JP Reyes CCP, Lucille Packard Children's Hospital Stanford

Panel Q&A

Room B — Canyon Room

Administrative & Leadership

Administrative & Leadership Session — Welcome

Teaming in Cardiac Surgery — Year 1 Findings

Psychological Safety in Multidisciplinary Teams

Reality-Based Leadership: Ditch the Drama

New Hire Onboarding — Corporate Model vs. Preceptor-Led Immersion

Perfusionist Wellness & Avoiding Burnout

Panel Q&A

5:30 pm – 8:30 pm

Sponsor's Hands-On Workshop & Reception

Friday, February 5th, 2027

7:00 am – 10:00 am

REGISTRATION

7:00 am – 7:45 am

Historical Video Presentation and Breakfast with Sponsors/Exhibitors

7:45 am – 9:30 am

Special Scientific Panel Session III — AI in Perfusion & Data Registries
Session Introduction

Neither Autopilot nor Cheat Code: Leveraging AI for Didactic and Clinical Gains in Perfusion

- Jacob Weston CCP, University of Utah School of Perfusion, AI, Education & the Expert Development Pipeline

AI in Perfusion — Automated Data Acquisition to Improve Operator Performance

*Patient Safety Organization for Database and Benchmarking
Unblinded or Unafraid: Lessons from Collaborative Learning in Congenital
Perfusion*

*- Jim Reagor CCP, Cincinnati Children's Hospital, ECMO Data Registries &
National Database Development*

Panel Q&A

9:30 am – 11:30 am

Fireside Chats

Improving Clinician Performance & Compliance

Data feedback loops; protocol adherence; performance culture; automated surveillance systems

Managing Unique HR Conversations

PERFUSION Journal Club (PEDIATRIC FOCUS)

Selected articles from PERFUSION journal to be discussed as a group

Transplant Today — Hearts, Lungs, Livers & Kidneys

DCD evolution; perfusionist role; NRP landscape; Transmedics OCS; Xeno heart update

Hands-on Heart Lab (attendance is limited)

Dr Smego, University of Utah

Webcast FSCs

Past, Present & Future of Perfusion Licensure

State licensure landscape; ABCP role; advocacy pathways

Vasoplegia Rescue Agents

Incidence, escalation practices, agent(s), efficacy

11:30 am – 1:00 pm

Historical Video Presentation and Lunch

1:00 pm – 2:55 pm

Special Scientific Panel Session IV — Transplant, Procurement & Organ Preservation

Session Introduction

NRP Beyond the Circuit: Building a Safe, Reproducible DCD Perfusion Program

- Tom Ferry, BS, CCP, Central Coast Perfusion

XVIVO Technologies for Organ Procurement

- Christine Chan, MS, CCP, New York Presbyterian Hospital

REUP: Techniques, Outcomes, and Lessons Learned in DCD Heart Recovery

- Joey Lepore, CCP, Vanderbilt University Medical Center

Current Trends in Heart and Lung Allograft Preservation and Transplantation

*- Dr. Matthew Goodwin- Assistant Professor of Surgery, Division of
Cardiothoracic Surgery, University of Utah*

Organ Cryopreservation - the Science of Deep Cooling

Organ Preservation — Sherpa Packs & Temperature-Controlled Coolers

Panel Q&A

2:55 pm – 3:15 pm

Historical Video Presentation and Break

3:15 pm – 5:00 pm	Memorial Session <i>Introduction</i> <i>Charles C. Reed Memorial Lecture</i> <i>Thomas G. Wharton Memorial Lecture - Robert Grimmett, President, AACP</i>
6:30 pm	Induction Dinner <i>All Attendees and Guests (pre-registration required)</i>

Saturday, February 6th, 2027

7:00 am – 10:00 am	REGISTRATION
7:00 am – 7:45 am	Historical Video Presentation and Breakfast
7:45 am – 10:00 am	Scientific Paper Session
10:00 am – 12:00 pm	Fireside Chats Complex & Hybrid Pediatric Procedures Open case-sharing format; complex congenital, ECMO, hybrid; moderator-led Mission Perfusion Trips & Global Health Low-resource environments; volunteer experiences; crossover techniques Past, Present & Future of Perfusion Licensure State licensure landscape; ABCP role; advocacy pathways Vasoplegia Rescue Agents Incidence, escalation practices, agent(s), efficacy Webcast FSC Improving Clinical Performance and Compliance Data feedback loops; protocol adherence; performance culture; automated surveillance systems
12:00 pm	Closing Business Meeting <i>Fellow, Senior, and Honorary Members Only</i>