

ISMCS 2023

International Society for Mechanical Circulatory Support

Pre-Conference Workshops:

Acute Circulatory Support/ECMO Workshop

Dallas/Fort Worth, TX, USA

October 29, 2023



SUNDAY October 29, 2023

09:00 – 09:15 **Welcome address and introduction** *Aly El Banayosy (USA)*

09:15 – 10:45 **Workshop Session (1)**
Moderators: *Marvin Slepian (USA), Pascal Leprince (France)*

09:15 – 09:30 Cardiogenic Shock: From Physiology to Phenotyping
Jerry Estep (USA)

09:30 – 09:45 Mid-term survival after VA-ECMO weaning: Unjustified high-rates of death
Pascal Leprince (France)

09:45 – 10:00 VA-ECMO and Left Ventricular Unloading: Pathophysiological Insights
Dirk Donker (Netherlands)

10:00 – 10:15 Role of Machine Learning and Big Data in Optimizing ECMO Patient
Management
Shaun Gregory (Australia)

10:15 – 10:30 Limitation of Traditional Markers and Need for Innovation
Marvin Slepian (USA)

10:30 – 10:45 Panel Q&A

10:45 – 11:00 **Coffee Break**

11:00 – 12:30 **Workshop Session (2)**

11:00 – 11:30 **Round Table:** Optimizing Cardiogenic Shock Patients Outcome
Moderator: *Christian Bermudez (USA)*

Panel: *Aly El Banayosy (USA), Biswajit Kar (USA), Joyce Wald (USA), Amy Hackmann (USA), Jerry Estep (USA), Dan Meyer (USA)*

Topics:

- The right device for the right patient
- Hemodynamic management
- LV unloading
- Escalation and de-escalation
- Shock teams



SUNDAY October 29, 2023

11:30 – 12:00 **Round Table:** Right Ventricular Failure

Moderator: *Martin Strueber (USA)*

Panel: *Eduardo Rame (USA), Gary Schwartz (USA), Joyce Wald (USA), Douglas Horstmanshof (USA), Amy Hackmann (USA), Christian Bermudez (USA)*

Topics:

- Post Cardiac Transplantation
- Post LVAD Implantation
- Pulmonary Hypertension
- Percutaneous vs. Surgical RVADs

12:00 – 12:15 Postcardiotomy Cardiogenic Shock Network

Mircea Mihu (USA)

12:15 – 12:30 Panel Q&A

12:30 – 1:30 Lunch Break

1:30 – 3:00 Workshop Session (3)

Moderators: *Martin Strueber (USA), Joyce Wald (USA)*

1:30 – 1:50 **Debate:** Who should run an ECMO Program?

Pro CT Surgeons: *Robert Dowling (USA)*, Pro non-CT Surgeons: *Michael Harper (USA)*

1:50 – 2:10 Complex ECMO Cannulation

Amy Hackmann (USA)

2:10 – 2:35 Real-World Insights: Outcomes of Impella 5.5 in Clinical Practice

Katharina Fetten (USA)

2:35 – 2:50 Pulsatile ECMO: Where We Are?

Nicolás de Pró (Germany)

2:50 – 3:00 Panel Q&A

3:00 – 3:15 Coffee Break



SUNDAY October 29, 2023

3:15 – 4:45 Workshop Session (4) – Pulmonary support

Moderators: *Dan Meyer (USA), Gary Schwartz (USA)*

3:15 – 3:30 OxyRVADs vs. DI Catheters In ARDS Patients *Joseph Brewer (USA)*

3:30 – 3:45 Beyond Conventional Boundaries: Criteria for Lung Transplant –
Consideration in ARDS patients Requiring Prolonged ECMO Support
Christian Bermudez (USA)

3:45 – 4:00 ECCO2 Elimination: What is new? *Martin Strueber (USA)*

4:00 – 4:15 ECPR: Recent development and key insights *Brian Weiss (USA)*

4:15 – 4:30 Pulmonary Embolism Response Team (PERT): Lessons Learned
Gary Schwartz (USA)

4:30 – 4:45 Panel Q&A

4:45 – 5:00 Closing Remarks *Aly El Banayosy (USA)*