

42nd Annual Cardiothoracic Surgery Symposium

DRAFT PROGRAM – MAY 15, 2023

WEDNESDAY – SEPTEMBER 13

8:00 AM Registration Opens

8:30 – 9:30 HANDS-ON WORKSHOPS

Abbott Versatility Workshop: Escalation and De-escalation of Therapy
POINT LOMA

Biomed Simulation "Escape Room"
SOLANA

Medtronic ECLS Technology
SANTA ROSA

9:30 – 10:30 HANDS-ON WORKSHOPS

Abbott Versatility Workshop: Escalation and De-escalation of Therapy
POINT LOMA

Biomed Simulation "Escape Room"
SOLANA

Medtronic ECLS Technology
SANTA ROSA

10:30 – 11:00 Break and Attendee Mixer
MARINA FOYER

11:00 – 12:00 HANDS-ON WORKSHOPS

Abbott Versatility Workshop: Escalation and De-escalation of Therapy
POINT LOMA

Biomed Simulation "Escape Room"
SOLANA

Medtronic ECLS Technology
SANTA ROSA

12:00 – 1:30 Lunch Break

1:30 – 1:40 WELCOME & INTRODUCTION

MARINA BALLROOM DE

C. David Mazer MD FRCPC and Alfred H. Stammers MSA CCP (emeritus)

1:40 – 3:15 SWAIN SCHOLARSHIP & ABSTRACT PRESENTATIONS

MARINA BALLROOM DE

1:40 Swain Scholarship Presentation

1:55 Q & A

2:00 – 3:15 Abstract Presentations

2:15 – 3:15 HANDS-ON WORKSHOPS

Abiomed Workshop: Treating Cardiogenic Shock in the Setting of High-Risk Surgery or VA ECMO
POINT LOMA

HemoSonics PBM Wet Workshop: POC Assessment and Restoration of Hemostasis
SOLANA

Terumo Workshop: The Evolution and Advancement of Continuous In-line Blood Parameter Monitoring Technology
SANTA ROSA

3:15 – 3:30 Break
MARINA FOYER

3:30 – 4:30 HANDS-ON WORKSHOPS

Abiomed Workshop: Treating Cardiogenic Shock in the setting of High-Risk Surgery or VA ECMO
POINT LOMA

HemoSonics PBM Wet Workshop: POC Assessment and Restoration of Hemostasis
SOLANA

Terumo Workshop: The Evolution and Advancement of Continuous In-line Blood Parameter Monitoring Technology
SANTA ROSA

4:30 – 5:30 HANDS-ON WORKSHOPS

Abiomed Workshop: Treating Cardiogenic Shock in the setting of High-Risk Surgery or VA ECMO
POINT LOMA

HemoSonics PBM Wet Workshop: POC Assessment and Restoration of Hemostasis
SOLANA

Terumo Workshop: The Evolution and Advancement of Continuous In-line Blood Parameter Monitoring Technology
SANTA ROSA

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3:30 – 5:30 MECHANICAL CIRCULATORY SUPPORT 1

MARINA BALLROOM DE

3:30 Pediatric ECPR: Decision-Making, Candidacy, and Optimizing Approaches
Myke Federman MD

3:50 Q & A

3:55 Complications of Temporary Mechanical Support
Dominic A. Emerson MD

4:15 Q & A

4:20 Ex-Vivo Perfusion for DCD Hearts
Eriberto Michel MD

4:40 Q & A

4:45 Recent Advances in ECPR
Tyler M. Gunn MD

5:05 Q & A

5:10 Case Discussion
Emerson, Federman, Gunn, Michel

5:30 - 7:00 Welcome Reception & Exhibits

MARINA BALLROOM FG

THURSDAY – SEPTEMBER 14

6:00 Registration Opens
MARINA REGISTRATION DESK

7:00 – 8:00 Breakfast & Exhibits

MARINA BALLROOM FG

8:00 – 9:45 MECHANICAL CIRCULATORY SUPPORT 2

MARINA BALLROOM DE

8:00 Current Practices in ECMO Anticoagulation and Potential Novel Approaches in the Future
Myke Federman MD

8:20 Q & A

8:25 Advanced ECMO Configurations
Tyler M. Gunn MD

8:45 Q & A

8:50 Disparities in Transplantation
Eriberto Michel MD

9:10 Q & A

9:15 Case Discussion
Federman, Gunn, Michel

9:45 - 10:30 Break & Exhibits

MARINA BALLROOM FG

10:30 – 12:00 PERFUSION PRACTICE

MARINA BALLROOM DE

10:30 Perfusion Challenges for Minimally Invasive Procedures, Including Robotic Surgery
Dominic A. Emerson MD

10:50 Q & A

10:55 Next-Generation Heart-Lung Machines: What's Really New?
George Justison CCP

11:15 Q & A

11:20 Keynote: The Changing Science of Perfusion
Robert C. Groom MS CCP

11:50 Q & A

12:00 – 1:00 Lunch & Exhibits

MARINA BALLROOM FG

1:00 – 3:00 BLOOD 1

MARINA BALLROOM DE

1:00 Anemia vs Transfusion: Which One Is Worse?
Jacob Raphael MD

1:20 Q & A

1:25 How to Manage Patients Who Cannot Receive Blood Products
Kenichi Tanaka MD

1:45 Q & A

1:50 Update on Hemolysis During CPB
Jacob Raphael MD

2:10 Q & A

2:15 Hemoadsorption in Complex Cardiac Surgery
Serdar Gunaydin MD PhD

2:35 Q & A

2:40 Case Discussion
Gunaydin, Rafael, Tanaka

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3:00 – 3:30	Break & Exhibits MARINA BALLROOM FG	9:15	Risk Stratification and Assessment of Frailty to Optimize Outcomes <i>Serdar Gunaydin MD PhD</i>
3:30 – 4:45	HANDS-ON WORKSHOPS & FIRESIDE CHATS	9:35	Q & A
	Spectrum Medical’s ECLS Platform: From Consult to Successful Patient Support POINT LOMA	9:40	Case Discussion
	Fireside Chat 1 SOLANA	10:00 – 10:30	Break & Exhibits
	Fireside Chat 2 SANTA ROSA	11:00	Exhibits Close
4:45 – 6:00	HANDS-ON WORKSHOPS & FIRESIDE CHATS	10:30 – 12:30	BLOOD 2
	Spectrum Medical’s ECLS Platform: From Consult to Successful Patient Support POINT LOMA	10:30	Ultrafiltration Panel Discussion <i>Kramer, Mazer, Newland, Spence, Stammers</i>
	Fireside Chat 1 SOLANA	11:00	Hydration Fluids: What's Best for Your Patients? <i>C. David Mazer MD FRCPC</i>
	Fireside Chat 2 SANTA ROSA	11:20	Q & A
		11:25	Retrograde Autologous Priming <i>Jessica Spence MD PhD</i>
		11:45	Q & A
		11:50	Keynote: Evolution of Patient Blood Management in Cardiac Surgery: From Death of Aprotinin to Dawn of Cold-Stored Platelets <i>Kenichi Tanaka MD</i>
		12:20	Q & A
FRIDAY – SEPTEMBER 15		12:30 – 2:00	Lunch Break LOCATION TBA
6:00	Registration Opens MARINA REGISTRATION DESK	2:00 – 3:45	HUMAN-CENTERED PRACTICE
6:30 - 8:00	Breakfast LOCATION TBA		MARINA BALLROOM DE
8:00 – 10:00	SAFETY & QUALITY IMPROVEMENT	2:00	Work/Life Balance as a New Parent <i>Amanda Crosby MPS MS CCP</i>
	MARINA BALLROOM DE	2:20	Q & A
8:00	Best Practices in Perfusion & Quality Analytics <i>George Justison CCP</i>	2:25	OR Culture: Perspectives from a Locum Tenens Perfusionist <i>Summer Pizzuti MBA CCP LP</i>
8:20	Q & A	2:45	Q & A
8:25	Multidisciplinary Team for Value-Based Cardiac Surgery <i>Serdar Gunaydin MD PhD</i>	2:50	How to Serve <i>Robert C. Groom MS CCP</i>
8:45	Q & A	3:10	Q & A
8:50	The Relationship Between CPB Parameters and Outcomes: A Registry Perspective <i>Richard A. Newland BS CCP(Aust)</i>	3:15 – 3:45	Panel Discussion
9:10	Q & A		

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3:45 – 4:00 **Coffee Break**
MARINA FOYER

4:00 – 5:00 **FIRESIDE CHATS**

Fireside Chat 1
SOLANA

Fireside Chat 2
SANTA ROSA

Fireside Chat 3
POINT LOMA

5:00 – 6:00 **FIRESIDE CHATS**

Fireside Chat 1
SOLANA

Fireside Chat 2
SANTA ROSA

Fireside Chat 3
POINT LOMA

SATURDAY – SEPTEMBER 16

6:00 **Registration Opens**
MARINA REGISTRATION DESK

6:30 - 8:00 **Breakfast**
LOCATION TBA

8:00 – 8:15 **ADVANCES IN CARDIAC SURGERY**

MARINA DE

8:15 **Presentation of 22nd Utley Award**
Alfred H. Stammers MSA CCP

8:20 **Keynote: Mitral Repair: The New Interface Between Surgery and Transcatheter Therapy**
Joanna Chikwe MD FACS

8:50 Q & A

9:00 **Does Artificial Intelligence Have a Role in CPB?**
Richard A. Newland BS CCP(Aust)

9:20 Q & A

9:25 **Taking Machine Learning to HEART: Can Big Data Improve Patient Outcomes?**
Robert S. Kramer MD FACS

9:45 Q & A

9:50 **Panel Discussion**
Chikwe, Crosby, Kramer, Newland

10:15 - 10:30 **Break**
MARINA FOYER

10:30 – 12:30 **ORGAN PROTECTION**

MARINA BALLROOM DE

10:30 **Updated AKI Guidelines**
Amanda A. Fox MD MPH

10:50 Q & A

10:55 **Expanding Oxygen Delivery during CPB: Results of a National Quality Initiative**
Alfred H. Stammers MSA CCP emeritus

11:15 Q & A

11:20 **Optimal Temperature Management for CPB**
Jessica Spence MD PhD

11:40 Q & A

11:45 **Important Biomarkers for the Cardiac Surgical Patient**
Amanda A. Fox MD MPH

12:05 Q & A

12:10 **Case Discussion**
Fox, Spence, Stammers

12:30 - 2:00 **Lunch Break**
LOCATION TBA

2:00 – 4:00 **HCP WELLNESS WORKSHOP**

MARINA BALLROOM DE

2:00 **Time-Restricted Eating: An Update**
Pam Taub MD FACC

2:25 Q & A

2:30 **Pathways to Purpose: Finding and Living Your Calling**
Mabett

2:55 Q & A

3:00 **Fiscal Fitness: 5 Things You Need to Know Before You Retire**
Alison Mueller

3:45 **Discussion & Workshop**

4:00 **Meeting Adjourns**