

The 3rd Annual NYU Langone Critical Care Cardiology Symposium

Friday-Saturday, October 20-21, 2023

AGENDA

FRIDAY, OCTOBER 20, 2023

7:30 AM EDT **Registration and Continental Breakfast**

8:00 **Course Director Opening Remarks**
Carlos L. Alviar, MD, Ann Gage, MD, James Horowitz, MD

Session 1: Complex Considerations in the Evaluation and Management of Cardiogenic Shock: the State of the Art and Science in 2023

Moderators: David A. Morrow, MD, MPH and Susanna Price, MD PhD

8:15 **Matching Drugs to the Hemodynamics**

Jason N. Katz, MD, MHS
Case Presenter: Neyra M. Jemal, MD

8:27 **Matching Devices to the Hemodynamics**

Erin Bohula May, MD, DPhil
Case Presenter: Neyra M. Jemal, MD

8:39 **Weaning and De-escalation of MCS**

Bram Geller, MD
Case Presenter: Neyra M. Jemal, MD

8:50 **Panel: Matching the Right Therapy to the Right Patient at the Right Time**

Moderators: David A. Morrow, MD, MPH and Susanna Price, MD PhD
Panelists: Erin Bohula May, MD, DPhil, Bram Geller, MD, Jason N. Katz, MD, MHS, Anu Lala, MD, Robert Roswell, MD

9:10 **Do You See What I See? Perspectives in Cardiogenic Shock**

Moderators: Venu Menon, MD and Balim Senman, MD
Panelists: Nader Moazami, MD, Alex Papolos, MD, Penelope Rampersad, MD, MSc, Shashank Sinha, MD, MSc, Saraschandra Vallabhajosyula, MD, MSc, Sean van Diepen, MD, MSc

9:45 **Morning Break**

10:12 **ACC State Chapter Acknowledgements**
Christopher Barnett, MD

Session 2: Scary Cases in the CICU: Someone Call the Doctor!

Moderators: Christopher Barnett, MD and Alejandra Gutierrez, MD

10:15 **Pulmonary Embolism and Acute RV failure**

Michael A. Solomon, MD, MBA
Case Presenter: James Horowitz, MD

10:29 **Adult Congenital Heart Disease in the CICU**

Dan G. Halpern, MD
Case Presenter: Laura Methvin, MD

10:43 **Two for the Price of One, Pregnancy in the ICU**

Kathryn Berlacher, MD
Case Presenter: Anais Hausvater, MD

10:57 **The Patient with Obstructive HCM in the CICU**

Daniele Massera, MD, MSc
Case Presenter: Stephanie N. Golob, MD

11:11 **Post Cardiotomy Emergencies**

Benjamin Kenigsberg, MD
Case Presenter: P. Elliott Miller, MD, MHS

11:25 **Panel Question and Answer Session**

Moderators: Christopher Barnett, MD and Alejandra Gutierrez, MD
Panelists: Kathryn Berlacher, MD, Dan G. Halpern, MD, Benjamin Kenigsberg, MD, Daniele Massera, MD, MSc, Michael A. Solomon, MD, MBA

Lunch Break

11:45 **Fellows In Training (FIT) Mentoring Session (optional, during lunch; please pre-register)**

Keynote Address

Moderator: Glenn I. Fishman, MD

12:45 PM EDT **Braving the Next Frontier: Research Priorities in Critical Care Cardiology**
David A. Morrow, MD, MPH

Session 3: CICU Survival Guide: Key Concepts you Should Know

Moderators: Alessandro Sionis, MD and Melanie Sulistio, MD

- 1:05** **Rapid Fire Shock Evaluation: Invasive and Non-invasive Assessment of Congestion and Perfusion**
Carlos L. Alviar, MD, Courtney Bennett, DO
- 1:20** **Top Articles Every CICU Clinician Should Know**
Ann Gage, MD, Connor G. O'Brien, MD, Guido Tavazzi, MD, PhD
- 1:35** **Bleeding Red, Clotting White: Swiftly Addressing CICU Hemostasis**
Tania Ahuja, PharmD
- 1:47** **Neurointensive Care Pearls**
Cherylee W. Chang, MD
- 1:59** **Infections You Can't Miss in the CICU!**
Polina Trachuk, MD
- 2:11** **POCUS: The Skills that will Save You!**
Eugene Yuriditsky, MD
- 2:23** **Panel Question and Answer Session**
Moderators: Alessandro Sionis, MD and Melanie Sulistio, MD
Panelists: Tania Ahuja, PharmD, Carlos L. Alviar, MD, Courtney Bennett, DO, Cherylee W. Chang, MD, Ann Gage, MD, Connor G. O'Brien, MD, Guido Tavazzi, MD, PhD, Polina Trachuk, MD, Eugene Yuriditsky, MD
- 2:35** **End of Life in the CICU**
Moderator: Sarah Chuzi, MD
Panelists: Jordi Baneras, MD, Susan E. Cohen, MD, FAAHPM, Karsten W. Drus, RN, James Horowitz, MD, Michael Landzberg, MD, Melanie Sulistio, MD
- 3:00** **Afternoon Break**

Session 4: Debates

- 3:30** **Debating Complex Decision Making in the Cardiac Critical Care Unit**

The Holy Grail of Cardiac Critical Care: Will There Be Another Positive Trial in Cardiogenic Shock?

Moderator: Judith S. Hochman, MD

- 3:30** **Positive Trials are Coming**
Susanna Price, MD PhD
- 3:45** **The Era of Positive Trials is Over**
Daniel Burkhoff, MD PhD

Extracorporeal Life Support

Moderator: Steven M. Hollenberg, MD

- 4:00** **ECLS is Lifesaving**
Andrea Elliott, MD

- 4:15** **ECLS is Resource Wasting**
Sean van Diepen, MD, MSc

Session 4 Round Table

Moderator: Venu Menon, MD

- 4:30** **Post-MI Complication Management**
Panelists: Erin Bohula May, MD, DPhil, Andrew R. Higgins, MD, Steven M. Hollenberg, MD, Shaline D. Rao, MD, Sunil Rao, MD, Deane E. Smith, MD

Plenary Address

Moderator: Ann Gage, MD

- 5:00** **My Journey as a Clinical Trialist**
Judith S. Hochman, MD
- 5:20** **Closing Remarks**
Samuel Bernard, MD, Jason N. Katz, MD, MHS, Eugene Yuriditsky, MD
- 5:30 PM EDT** **Adjourn**

SATURDAY, OCTOBER 21, 2023

- 7:30 AM EDT** **Continental Breakfast**
- 7:55** **Course Director Welcome Day #2**
Carlos L. Alviar, MD, James Horowitz, MD

Session 5: Creating a Proactive Blueprint for Diversity and Inclusion in Critical Care Cardiology

- 8:00** **Creating a Proactive Blueprint for Diversity and Inclusion in CCC**
Sandra J. Lewis, MD, FACC
- 8:30** **Panel Discussion and Question and Answer Session**
Moderator: Andrea Elliott, MD
Panelists: Carlos L. Alviar, MD, Alexandra Arias, MD, Barinder S. Hansra, MD, Sandra J. Lewis, MD, FACC, Penelope Rampersad, MD, MSc, Balim Senman, MD
- 9:10** **Poster Award Presentation**
Carlos L. Alviar, MD, Erin Bohula May, MD, DPhil, Amit Goyal, MD, MAS, James Horowitz, MD, Nazli Okumus, MD, Shashank Sinha, MD, MSc, Jenna Skowronski, MD

Breakout Session 1 (Select 1)

- 9:15** **[Track 1: Career and Research] How I became a Critical Care Cardiologist and How you can too!**
Moderators: Ann Gage, MD and James Horowitz, MD
Panelists: Willard N. Applefeld, MD, Christopher Barnett, MD, David M. Duzinski, MD, Andrea Elliott, MD, Ran Lee, MD, Alessandro Sionis, MD

[Track 2: Interdisciplinary Care Team] How to Succeed as an APP: Education and Professional Development

Moderators: Darren Kang, PA-C and Tanjit Kaur, PA-C

Panelists: Santpal (Paul) Chawla, ACAGNP-c, FNP-C, John Davidson, MBA, PA-C, Hannah D. Schimmer, MSN, AGACNP-BC, Callie Tennyson, DNP, ACNP-BC

[Track 3: Clinical] Things that Keep me Awake at Night: Complex Decision-Making in the CICU

Moderators: Samuel Bernard, MD and Penelope Rampersad, MD, MSc

James W. Ciancarelli, DO

Panelists: Courtney Bennett, DO, Thomas S. Metkus, MD, PhD, Connor G. O'Brien, MD, Daniel B. Sims, MD, FAHA, FACC, Rosy Thachil, MD

[Track 4: Virtual] Globalizing Cardiac Critical Care: Challenges and Opportunities

Moderators: Alexandra Arias, MD and Alastair Proudfoot, MD, PhD

Panelists: Carlos L. Alviar, MD, Diego Araiza-Garaygordobil, MD, MSc, Yew Woon Chia, MBBS, EDIC, FRCP, FACC, Andries Dippenaar, MD, Adriana Luk, MD, Guido Tavazzi, MD, PhD, Bambang Widyanoro, MD, PhD, Jeong Hoon Yang, MD, PhD, Seife Yohannes, MD

Breakout Session 2 (Select 1)

10:30

[Track 1: Career and Research] The Future of Critical Care Cardiology Research

Moderators: Erin Bohula May, MD, DPhil and Christopher Fordyce, MD, MHS, MSc

Panelists: David D. Berg, MD, MPH, Judith S. Hochman, MD, Manreet K. Kanwar, MD, Candice Silversides, MD, Shashank Sinha, MD, MSc, Sean van Diepen, MD, MSc

[Track 2: Interdisciplinary Care Team] A Day in the Life: Grappling with Tough Situations in the CICU

Moderators: Maureen G. Lohan-Mullens, MSN, RN, NM and Hannah D. Schimmer, MSN, AGACNP-BC

Panelists: Lorraine Carroll, MSN, RN, CCRN, Jessica Castro, AGACNP-BC, DNP, Karsten W. Drus, RN, Joseph Hawkins, MPAS, Abigail R. Powers, NP

[Track 3: Clinical] Multidisciplinary Team Care of the CICU patient: A Case Based Master Class

Moderators: Alejandra Gutierrez, MD and P. Elliott Miller, MD, MHS

Balim Senman, MD

Panelists: Jessica Fleitman, MD, Sylvie Hall, PharmD, Barinder S. Hansra, MD, Laura Methvin, MD, Thomas S. Metkus, MD, PhD, Alessandro Sionis, MD, Kendall van Diepen, RD, MSc

[Track 4: Virtual] Leveraging the Virtual Domain in CCC: Approaches to Education, Community Building and Advocacy

Moderators: Amit Goyal, MD, MAS, Nazli Okumus, MD and Jenna Skowronski, MD

Panelists: Catherine Allan, MD, Yoav Karpenshif, MD, Lekshmi Santhosh, MD MAEd, Mourad Senussi, MD, Anezi Uzendu, MD

11:30

NYU Langone Critical Care Cardiology Symposium and CardioNerds Poster Session and Lunch (Non-CME accredited, lunch served at 12 pm)

1:00 PM EDT

Didactic Conference Adjourns

1:20

Simulation Sessions Check-in

Simulation Sessions: Optional Registration; Limited Availability

Moderators: Anthony Andriotis, MD, Jordi Baneras, MD, Benjamin A. Bier, MD, Jess Boyle, BS, NRP, FP-C, CCP-C, James W. Ciancarelli, DO, Molly F. Forster, MD, Allison A. Greco, MD, Kerry Hena, MD, Neyra M. Jemal, MD, Elyse LaFond, MD, Lindsay Lief, MD, Eduardo Mireles-Cabodevila, MD, Connor G. O'Brien, MD, Raymond A. Pashun, MD, Deepak R. Pradhan, MD, Harald Sauthoff, MD, Alessandro Sionis, MD, Jonathan St George, MD, Tatiana B. Weinstein, MD and Frances M. West, MD

The Simulation Session will take place at the VA Hospital Sim Lab, 423 E 23rd St, 11 South, New York, NY 10010

1:30

Simulated Cases in Critical Care Cardiology: Hemodynamics/Pulmonary Artery Catheter Simulation Mechanical Circulatory Support Station

3:00

Break

3:15

Procedural Simulation Hands-On Stations: Lung Ultrasound, Extended Focused Assessment with Sonography in Trauma (eFAST), Transvenous Pacemaker and Pericardiocentesis

4:45

Advanced Airway Skills: Intubation, Bronchoscopy, Suction Assisted Laryngoscopic Airway Decontamination (SALAD) and Ventilator Troubleshooting

5:30 PM EDT

Adjourn SIM Sessions