



**MECHANICAL SUPPORT AND THORACIC
TRANSPLANTATION SUMMIT
TORONTO, ON, CANADA
JUNE 9-10, 2023**

JUNE 9, 2023

7:45AM–9:30AM	TRANSPLANT ORGAN RECOVERY Vanity Fair Ballroom MODELS AND DISTRIBUTION <i>Moderators:</i> Mark Slaughter, <i>University of Louisville/</i> <i>Jewish Hospital</i>
7:45AM–8:00AM	Welcome and Opening Remarks Marcelo Cypel, <i>Toronto General Hospital</i> Mark Slaughter, <i>University of Louisville/Jewish Hospital</i>
8:00AM–8:15AM	3rd Party Organ Recovery Companies/Lung Matthew G. Hartwig, <i>Duke Hospital</i>
8:15AM–8:30AM	3rd Party Organ Recovery Companies/Heart Scott Silvestry, <i>AdventHealth</i>
8:30AM–8:45AM	3rd Party EVLP Services Jorge Mallea, <i>Mayo Clinic Florida</i>
8:45AM–9:00AM	Transplant Center Model Shaf Keshavjee, <i>Toronto General Hospital, University Health</i> <i>Network</i>
9:00AM–9:15AM	Reimbursement Strategies Heart and Lung Ian Jamieson, <i>Duke Transplant Center</i>
9:15AM–9:30AM	Development and Current Status of Organ Procurement Centers Kenneth R. McCurry, <i>Cleveland Clinic</i>

10:00AM–11:45AM	<p>INNOVATION AWARD PRESENTATION AND INNOVATION SESSION</p> <p><i>Moderators:</i> Frank Pagani, <i>Michigan Medicine</i> Scott Silvestry, <i>Advent Health</i></p>	<p>Vanity Fair Ballroom non-CME</p>
10:00AM–10:20AM	<p>What the Future Holds for Heart Xeno Transplants Bartley Griffith, <i>University of Maryland</i></p>	
10:20AM–10:40AM	<p>Ethical Considerations for Research Using Brain Death Donors Brendan Parent, <i>NYU Langone</i></p>	
10:40AM–10:50AM	<p>Discussion</p>	
10:50AM–11:00AM	<p>Innovation Award Presentation <i>Presented by:</i> Bartley Griffith, <i>University of Maryland</i></p>	
11:00AM–11:45AM	<p>INNOVATION AWARD RECIPIENT KEYNOTE ADDRESS: The Scholarship of Innovation Shaf Keshavjee, <i>Toronto General Hospital, University Health Network</i></p>	<p>Vanity Fair Ballroom</p>
12:00PM–12:45PM	<p>INDUSTRY LUNCH SYMPOSIUM The Benefits of Centralized EVLP for an Expanding Lung Program <i>Sponsored by Lung Bioengineering</i> <i>Speakers:</i> Edward Murphy, <i>Corewell Health</i></p>	<p>Sovereign Ballroom non-CME</p>
1:15PM–2:45PM	<p>DCD DONATION/CURRENT AND ITS IMPACT ON TRANSPLANT <i>Moderators:</i> Nader Moazami, <i>NYU Langone Health</i> Ashish Shah, <i>Vanderbilt University Medical Center</i></p>	<p>Sovereign Ballroom</p>
1:15PM–1:35PM	<p>Ex-Vivo Cardiac Preservation Jeffrey Keenan, <i>Duke University Medical Center</i></p>	
1:35PM–1:55PM	<p>PRO: Extended Cold Preservation— Sherpak Versus DCD Mark Slaughter, <i>University of Louisville/Jewish Hospital</i></p>	
1:55PM–2:15PM	<p>CON: Extended Cold Preservation— Sherpak Versus DCD Ashish Shah, <i>Vanderbilt University Medical Center</i></p>	
2:15PM–2:35PM	<p>Outcomes of DCD Donors in High Risk Recipients Mauricio Villavicencio, <i>Mayo Clinic</i></p>	
2:35PM–2:45PM	<p>Discussion</p>	

- 1:15PM–2:45PM** **DCD DONATION/CURRENT AND ITS IMPACT ON TRANSPLANT** **Sovereign Ballroom**
Moderators: Nader Moazami, *NYU Langone Health*
Ashish Shah, *Vanderbilt University Medical Center*
- 1:15PM–1:35PM** **Ex-Vivo Cardiac Preservation**
Jeffrey Keenan, *Duke University Medical Center*
- 1:35PM–1:55PM** **PRO: Extended Cold Preservation—Sherpapak Versus DCD**
Mark Slaughter, *University of Louisville/Jewish Hospital*
- 1:55PM–2:15PM** **CON: Extended Cold Preservation—Sherpapak Versus DCD**
Ashish Shah, *Vanderbilt University Medical Center*
- 2:15PM–2:35PM** **Outcomes of DCD Donors in High Risk Recipients**
Mauricio Villavicencio, *Mayo Clinic*
- 2:35PM–2:45PM** **Discussion**
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- 1:15PM–2:45PM** **DONOR LUNG PRESERVATION: WHAT IS NEW?** **Vanity Fair Ballroom**
non-CME
Moderators: Matthew G. Hartwig, *Duke Hospital*
Shaf Keshavjee, *Toronto General Hospital,*
University Health Network
- 1:15PM–1:30PM** **Lung Preservation at 10C**
Marcelo Cypel, *Toronto General Hospital*
- 1:30PM–1:45PM** **Lung Preservation Using Temperature-Controlled Devices**
Jasleen Kukreja, *University of California, San Francisco*
- 1:45PM–2:00PM** **Do We Need Randomized Trials to Change Standards of Care?**
Konrad Hoetzenecker, *General Hospital Vienna*
- 2:00PM–2:15PM** **Is There Still a Role for EVLP for Lungs Accepted for Transplantation**
Lara Schaheen, *St. Joseph’s Hospital and Medical Center*
- 2:15PM–2:45PM** **Discussion**

3:00PM–5:00PM	CURRENT USE OF MCS AND FUTURE TECHNOLOGY <i>Moderators:</i> Mark Slaughter, <i>University of Louisville/ Jewish Hospital</i> Leora Yarboro, <i>University of Virginia</i>	Sovereign Ballroom
3:00PM–3:15PM	Use of ECMO for Bridge to Transplantation Christian Bermudez, <i>University of Pennsylvania</i>	
3:15PM–3:30PM	Percutaneous Bi-Ventricular Support/Percutaneous Devices Jeffrey Keenan, <i>Duke Health</i>	
3:30PM–3:45PM	What Are Future Options for Allocation Systems to Accommodate BTT Richard Daly, <i>Mayo Clinic</i>	
3:45PM–4:00PM	Where Does an LVADS Fit in Today’s World Michael Bowdish, <i>Cedars-Sinai</i>	
4:00PM–4:15PM	Future Implantable Technology Francis Pagani, <i>Michigan Medicine – University of Michigan</i>	
4:15PM–4:30PM	Future Catheter Based Technology Mani Daneshmand, <i>Emory University, Atlanta GA</i>	
4:30PM–4:45PM	Possible Role and Future TAH Robert Dowling, <i>The Christ Hospital</i>	
4:45PM–5:00PM	Discussion	

3:00PM–5:00PM	NEW TECHNOLOGY IN LUNG TRANSPLANTATION <i>Moderators:</i> Ankit Bharat, <i>Northwestern University Feinberg School of Medicine</i> Jasleen Kukreja, <i>University of California, San Francisco</i>	Vanity Fair Ballroom
3:00PM–3:15PM	Lung Cross-Circulation Matthew Bacchetta, <i>Vanderbilt University Medical Center</i>	
3:15PM–3:35PM	EVLP—New Therapies Shaf Keshavjee, <i>Toronto General Hospital, University Health Network</i>	
3:35PM–3:50PM	Intra-Operative Approaches for Transplantation for Cancer Ankit Bharat, <i>Northwestern University Feinberg School of Medicine</i>	
3:50PM–4:05PM	Impact of Routine ECMO for Lobar Transplantation Konrad Hoetzenecker, <i>General Hospital Vienna</i>	
4:05PM–4:20PM	Minimal Invasive/Robotic Lung Transplantation Pedro Catarino, <i>Cedars-Sinai</i>	
4:20PM–4:35PM	Use of Cryoanalgesia in Lung Transplantation Edward Cantu, <i>Perelman School of Medicine, University of Pennsylvania</i>	
4:35PM–5:00PM	Discussion	

9:45AM–11:45AM	BEST OF MCS ABSTRACTS	Vanity Fair Ballroom
	Moderator: Mark Slaughter, <i>University of Louisville/ Jewish Hospital</i> Leora Yarboro, <i>University of Virginia</i>	
9:45AM–10:00AM	KEYNOTE ADDRESS: Use of Death Donors As Clinical Assessments of Xeno-Organs Robert Montgomery, <i>NYU Langone</i>	Vanity Fair Ballroom
12:15PM–1:00PM	INDUSTRY LUNCH SYMPOSIUM Defining the Exit Strategy in Patients Supported with Temporary MCS <i>Sponsored by Abbott</i>	Sovereign Ballroom non-CME
	Chair: Phyllis Billia, <i>Toronto General Hospital</i> Speakers: Dave Nagpal, <i>London Health Sciences Centre</i> Gurmeet Singh, <i>Mazankowski Heart Institute</i> Perre-Emmanuel Noly, <i>Montreal Heart Institute</i>	
1:15PM–3:00PM	INNOVATION PLENARY Emerging Frontier of DCD Transplantation	Vanity Fair Ballroom non-CME
	Moderators: Ashish Shah, <i>Vanderbilt University Medical Center</i> Konrad Hoetzenecker, <i>General Hospital Vienna</i>	
1:15PM–1:30PM	Strategies to Optimize Use of DCD Lungs Marcelo Cypel, <i>Toronto General Hospital</i>	
1:30PM–1:45PM	Impact of Heart DCD Procedures into DCD Donor Lung Utilization Sahar Saddoughi, <i>Mayo Clinic</i>	
1:45PM–2:00PM	Strategies of Thoracic Organ Retrieval During Abdominal NRP Jose Campo-Canaveral de la Cruz, <i>Hospital Universitario Puerta de Hierro-Majadahonda</i>	
2:00PM–2:15PM	NRP for Heart DCD—How I Do It Ashish Shah, <i>Vanderbilt University Medical Center</i>	
2:15PM–2:30PM	Strategies to Optimize Heart DCD Utilization Bryan Whitson, <i>Ross Heart Hospital</i>	
2:30PM–3:00PM	Discussion	

3:30PM–4:30PM	<p>ARDS Vanity Fair Ballroom</p> <p>Moderators: Daniel Brodie, <i>Johns Hopkins University</i> Edward Cantu, <i>Perelman School of Medicine, University of Pennsylvania</i></p>
3:30PM–3:40PM	<p>State-of-the-Art Management Daniel Brodie, <i>Johns Hopkins University</i></p>
3:40PM–3:50PM	<p>Use of ECMO Without Anticoagulation Gail Annich, <i>The Hospital for Sick Kids</i></p>
3:50PM–4:00PM	<p>Transplantation for ARDS Mauricio Pipkin, <i>University of Miami</i></p>
4:00PM–4:10PM	<p>Long-Term ECMO Support: What Is New? Christian Bermudez, <i>University of Pennsylvania</i></p>
4:10PM–4:30PM	<p>Discussion</p>
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3:30PM–4:30PM	<p>HEART TRANSPLANT: CLEAR AS MUD? Sovereign Ballroom</p> <p>Moderators: Mark Slaughter, <i>University of Louisville/ Jewish Hospital</i> Michael Bowdish, <i>Cedars-Sinai</i></p>
3:30PM–3:45PM	<p>Increasing Cost in Organ Procurement: Will Heart Transplant Be Financially Viable for the Future? Scott Silvestry, <i>AdventHealth</i></p>
3:45PM–4:00PM	<p>Current Role and Function of OPOS: What the Future Holds Bryan A. Whitson, <i>Ross Heart Hospital</i></p>
4:00PM–4:15PM	<p>What Are Governments' Goals in Modifying Current Unospractice Richard Daly, <i>Mayo Clinic</i></p>
4:15PM–4:30PM	<p>Discussion</p>