

SCHEDULE AT A GLANCE

All meetings and activities will take place at Palais des Congrès de Montréal, Montréal, Canada, unless otherwise specified. All papers will be presented in English. Please check the ISHLT web site (www.isHLT.org) for updates. This document reflects the latest session schedule and room assignments.

TUESDAY, APRIL 21, 2020

7:45 AM - 5:35 PM

ISHLT Academy: Core Competencies in Mechanical Circulatory Support
(MCS)

8:00 AM - 6:00 PM

ISHLT Academy: Core Competencies in Basic Science and Translational Research
(BSTR)

8:00 AM - 1:00 PM

ISHLT Academy: Master Class in Lung Transplantation - Morning
(LF/LTX)

ISHLT Academy: Master Class in Pediatric Mechanical Circulatory Support
(PEDS)

8:15 AM - 5:40 PM

ISHLT Academy: Core Competencies in the Management of Advanced Pulmonary Hypertension and Right Ventricular Failure
(PH)

2:00 PM - 7:00 PM

ISHLT Academy: Master Class for Nurses and Allied Health Care Professionals in Thoracic Transplantation and Mechanical Circulatory Support
(NNSAH)

ISHLT Academy: Master Class in Lung Transplantation - Afternoon
(LF/LTX)

4:00 PM - 5:00 PM

COMMITTEE MEETING: Standards and Guidelines (Room 512A)
(MISC)

5:00 PM - 6:00 PM

COMMITTEE MEETING: Grants and Awards (Room 512B)
(MISC)

5:00 PM - 7:00 PM

COMMITTEE MEETING: Registries and Databases (Room 512A)
(MISC)

6:00 PM - 7:00 PM

COMMITTEE MEETING: 2021 Annual Meeting Program Committee Meeting
(MISC)

WEDNESDAY, APRIL 22, 2020

8:00 AM - 10:00 AM

PLENARY 1: OPENING PLENARY SESSION
(ALL)

10:30 AM - 12:15 PM

SESSION 01: SYMPOSIUM: Big Brother is Watching You! Home-Monitoring and Technical Advances in VAD Therapy

(MCS, NNSAH)

SESSION 02: SYMPOSIUM: The Evolving Science of Shock Recognition and Management

(HF/HTX, MCS, PEDS, PH, PHARM)

SESSION 03: ORAL: Planning for Success: Heart Transplantation after MCS

(MCS, HF/HTX)

SESSION 04: SYMPOSIUM: Crossing the HLA Rubicon: Lung Transplantation in the Presence of Donor Specific Antibodies

(LF/LTX, BSTR, NNSAH, PATH, PEDS, PHARM)

SESSION 05: ORAL: Pulmonary Hypertension: Where We're Going We Don't Need Roads

(PH, BSTR, LF/LTX, PHARM)

SESSION 06: ORAL: Junior Faculty and Trainees Clinical Case Dilemmas: The Best of the Best

(ALL)

SESSION 07: ORAL: Early Career Scientist Award Candidate Presentations

(BSTR, HF/HTX, LF/LTX, PATH)

2:00 PM - 3:45 PM

SESSION 08: ORAL: Biventricular Failure

(MCS, HF/HTX)

SESSION 09: SYMPOSIUM: We Are The World: Building Transplant Programs Internationally

(HF/HTX, LF/LTX, MCS, PEDS)

SESSION 10: ORAL: Gastrointestinal Bleeding in MCS Patients

(MCS, BSTR, PHARM)

SESSION 11: ORAL: The Poison in the Blood: Antibodies in Heart Transplantation

(HF/HTX, PATH, BSTR)

SESSION 12: SYMPOSIUM: Immunology of Aging in Thoracic Transplantation and MCS

(BSTR, HF/HTX, LF/LTX, MCS, PATH, PHARM)

SESSION 13: SYMPOSIUM: Hot Topics for Transplant and MCS Clinicians: Burnout, #SoMe and Psychosocial Issues

(NNSAH, HF/HTX, LF/LTX, MCS, PEDS)

SESSION 14: ORAL: CTEPH - Connecting the Clots and Crossing the Dots

(CTEPH, BSTR, LF/LTX, PATH, PHARM, PH)

4:15 PM - 6:00 PM

SESSION 15: SYMPOSIUM: Success Starts at the Beginning: Improving Outcomes From Referral to Implant and Beyond

(MCS, HF/HTX, NNSAH, PEDS)

SESSION 16: ORAL: Outpatient Heart Failure Risk Stratification: A Measure of All Things

(HF/HTX, NNSAH)

SESSION 17: ORAL: Patient Selection for LVAD Implantation

(MCS, HF/HTX, NNSAH)

SESSION 18: SYMPOSIUM: Eye Ball Test! I Know My Patient is Frail: Now What?

(LF/LTX, HF/HTX, MCS, NNSAH, PEDS)

SESSION 19: SYMPOSIUM: Like A Bridge Over Troubled Waters: Perioperative Assessment and Management of Pulmonary Hypertension

(PH, CTEPH, HF/HTX, PEDS)

SESSION 20: ORAL: Tricks of the Trade: Assessment, Education, and Support Considerations for Transplant/MCS Clinical Care

(NNSAH, HF/HTX, MCS, PEDS, PHARM)

SESSION 21: SYMPOSIUM: JHLT at ISHLT: The Year in a Capsule

(ALL)

6:00 PM - 7:15 PM

POSTER SESSION 1 (Poster Hall 210c+210g)

- Heart Failure/Transplantation – Adult (HF/HTX)
- Lung Failure/Transplantation – Adult (LF/LTX)
- Mechanical Circulatory Support – Adult (MCS)

6:15 PM - 7:15 PM

MINI ORAL 01: Anticoagulation, Bleeding and Thrombosis in MCS
(MCS, HF/HTX, PHARM)

MINI ORAL 02: Heart Failure: Treatments, Tools and Traps
(HF/HTX, BSTR, PHARM, MCS)

MINI ORAL 03: Managing LVAD Patients
(MCS, EEP, NNSAH, PHARM)

MINI ORAL 04: Patient Evaluation and Outcomes Post Lung Transplantation
(LF/LTX, BSTR, PHARM)

MINI ORAL 05(A-B): Heart Transplantation and Pulmonary Hypertension
(HF/HTX, ID, PATH, PHARM)
(PH, CTEPH, HF/HTX, LF/LTX, PHARM)

MINI ORAL 06: The Ripple Effect of Changes in Heart Allocation
(HF/HTX, MCS, NNSAH, PEDS)

MINI ORAL 07: The Next Frontier: Novel Strategies and Techniques in Transplant Research
(BSTR, HF/HTX, LF/LTX, PATH, PEDS)

THURSDAY, APRIL 23, 2020

7:00 AM - 8:00 AM

SUNRISE 01: Cardiac Anesthesia: Tales from the Other Side of the Ether Screen
(MCS, HF/HTX, LF/LTX, PEDS, PH)

SUNRISE 02: Primary Graft Dysfunction after Heart Transplantation: PGD or Predictor of Given Death?
(HF/HTX, MCS, PEDS, PHARM)

SUNRISE 03: Portopulmonary Rhapsody: Everything You Need to Know About Portopulmonary Hypertension
(PH, CTEPH)

SUNRISE 04: Building on a Solid Foundation: Guidelines and Unique Challenges in CF Lung Transplant
(LF/LTX, NNSAH, PEDS, PHARM)

SUNRISE 05: The Eternal Challenge: Difficult-to-Treat Organisms in Thoracic Transplantation
(ID, HF/HTX, LF/LTX, PHARM)

SUNRISE 06: Making the Move: Accelerating Basic Science to Novel Clinical Trials in Transplant
(BSTR, HF/HTX, LF/LTX, PATH, PHARM)

SUNRISE 07: DSAs and AMR: When and How to Treat
(NNSAH, HF/HTX, PEDS, PHARM)

8:15 AM - 10:00 AM

SESSION 22: SYMPOSIUM: The Good, the Bad, the Ugly: Individualized VAD Therapy
(MCS, HF/HTX, NNSAH, PHARM)

SESSION 23: SYMPOSIUM: When the Left Appears to be Normal and the Right Goes Wrong: HFpEF and Infiltrative Cardiomyopathies
(HF/HTX, PATH, PH, PHARM)

SESSION 24: ORAL: How Far Can We Go? Pushing the Limits in Donor Heart Utilization
(HF/HTX, MCS)

SESSION 25: SYMPOSIUM: From PGD to CLAD: The Lifespan of a Lung Allograft
(LF/LTX, BSTR, ID, PATH, PEDS, PHARM)

SESSION 26: ORAL: Identification and Mitigation of Infectious Threats in Cardiothoracic Transplantation

(ID, HF/HTX, LF/LTX, MCS, PHARM)

SESSION 27: SYMPOSIUM: Selection of Donors for Pediatric Heart and Lung Transplantation: Maximizing Use of a Limited Resource

(PEDS, HF/HTX, LF/LTX, NHSAH)

SESSION 28: SYMPOSIUM: Great Debates in MCS and Transplant Care

(NHSAH, HF/HTX, LF/LTX, MCS, PEDS, PH, PHARM)

10:00 AM - 10:30 AM

Annual Business Meeting (Room 512A)

(ALL)

10:30 AM - 12:30 PM

PLENARY 2: Plenary Session

(ALL)

2:00 PM - 3:45 PM

SESSION 29: ORAL: Anticoagulation and Bleeding Complications in MCS Patients

(MCS, PHARM)

SESSION 30: ORAL: Match.com: Better Ways to Match Heart Transplant Donors and Recipients

(HF/HTX, MCS, PH)

SESSION 31: ORAL: The Four-Letter Words of Shock: ECMO, PAPI, IABP and More

(HF/HTX, MCS, PHARM)

SESSION 32: ORAL: Novel Predictors and Risk Factors for Chronic Lung Allograft Dysfunction

(LF/LTX, BSTR, PATH)

SESSION 33: SYMPOSIUM: Greasing the Wheels: Antiplatelet Therapy for LVADs

(PHARM, HF/HTX, MCS, NHSAH)

SESSION 34: SYMPOSIUM: Segmental and Subsegmental Disease in CTEPH: Misconception and Missed Opportunities

(CTEPH, PH)

SESSION 35: ORAL: Pathology of Heart and Lung Transplantation: Ongoing Challenges and Emerging Diagnostic Tools

(PATH, BSTR, HF/HTX, LF/LTX, PEDS)

3:45 PM - 4:15 PM

COMMITTEE MEETING: 2021 Annual Meeting Program Committee (Room 516A)

(MISC)

4:15 PM - 6:00 PM

SESSION 36: SYMPOSIUM: Everybody Else is Doing It So Why Can't We? MCS in Adult Congenital Heart Disease

(MCS, HF/HTX, PEDS, PH)

SESSION 37: SYMPOSIUM: Controversial Debates in Valvular and Structural Heart Disease and Heart Failure

(HF/HTX, MCS, PEDS)

SESSION 38: ORAL: A Hands Off Approach? Novel Imaging and Non-Invasive Surveillance Strategies for Heart Transplantation

(HF/HTX, PATH)

SESSION 39: ORAL: Chronic Lung Allograft Dysfunction: Associations and Therapeutic Advances

(LF/LTX, BSTR, ID, PHARM)

SESSION 40: SYMPOSIUM: HCV State of the Art: How Do We Do This? An ISHLT HCV Consensus Conference

(ID, HF/HTX, LF/LTX, PHARM)

SESSION 41: ORAL: New Insights in Pediatric Heart and Lung Transplant

(PEDS, BSTR, HF/HTX, LF/LTX, NHSAH, PHARM, PH)

SESSION 42: ORAL: Philip K. Caves Award Candidate Presentations

(ALL)

5:30 PM - 6:30 PM

COMMITTEE MEETING: Past Presidents (Room 516A)
(MISC)

6:00 PM - 7:15 PM

POSTER SESSION 2 (Poster Hall 210c+210g)

- **Basic Science and Translational Research (BSTR)**
- **Economics, Ethics, Public Policy (EEP)**
- **Lung Failure/Transplantation – Adult (LF/LTX)**
- **Mechanical Circulatory Support – Adult (MCS)**
- **Pediatrics (PEDS)**

6:15 PM - 7:15 PM

MINI ORAL 08: Factors Influencing Outcome after LVAD Implantation
(MCS, HF/HTX, NNSAH)

MINI ORAL 09: Temporary MCS, New Devices and Arrhythmia
(MCS)

MINI ORAL 10: Survival Determinants and Assessment Tools Post Lung Transplantation
(LF/LTX, BSTR, ID, NNSAH, PATH, PHARM)

MINI ORAL 11: The Spectrum of Lung Transplant Immunology
(BSTR, LF/LTX, PATH)

MINI ORAL 12: Mini Oral: Infectious Diseases
(ID, HF/HTX, LF/LTX, MCS, PHARM)

MINI ORAL 13(A-B): Pediatrics and Nursing/Health Sciences/Allied Health
(PEDS, BSTR, HF/HTX, LF/LTX, NNSAH, PHARM)
(NNSAH, ID, LF/LTX, MCS)

MINI ORAL 14: Mini Oral: Pharmacy and Pharmacology
(PHARM, BSTR, HF/HTX, ID, LF/LTX, MCS)

FRIDAY, APRIL 24, 2020

7:00 AM - 8:00 AM

SUNRISE 08: VAD Infection: What Are We Doing Wrong?
(MCS, ID, NNSAH, PHARM)

SUNRISE 09: Rewinding the Antibodies: Managing Highly Sensitized Patients Pre-Transplant
(PHARM, HF/HTX, LF/LTX, NNSAH, PEDS)

SUNRISE 10: Challenging CTEPH Surgical Cases in the BPA Era
(CTEPH, PH)

SUNRISE 11: Let's Talk about Sex, Baby! Intimacy in MCS and Transplant Patients
(NNSAH, HF/HTX, ID, LF/LTX, MCS, PEDS, PH, PHARM)

SUNRISE 12: Pediatric Pulmonary Hypertension: Management of Advanced Disease and Thoracic Transplant Referral
(PEDS, CTEPH, LF/LTX, PH, PHARM)

SUNRISE 13: Cardiac Allograft Injury: It's More Than Just Rejection!
(PATH, BSTR, HF/HTX)

SUNRISE 14: Advances in the Microbiome: The Secret World Inside Us
(BSTR, HF/HTX, ID, LF/LTX, MCS)

8:15 AM - 10:00 AM

SESSION 43: ORAL: Impact of the New UNOS Heart Allocation Policy: Early Results and Controversies
(HF/HTX, MCS)

SESSION 44: ORAL: Fighting Old Enemies: Update on Cardiac Allograft Vasculopathy
(HF/HTX, BSTR, PHARM)

SESSION 45: SYMPOSIUM: Joint ISHLT/PVRI Symposium: Of Mice and Men
(PH, BSTR, CTEPH, LF/LTX, PEDS)

SESSION 46: ORAL: Latest Insights into Antibody Mediated Lung Allograft Rejection
(LF/LTX, BSTR, PATH, PHARM)

SESSION 47: SYMPOSIUM: A Balancing Act: Innate Mechanisms of Injury and Immunomodulation in Transplantation
(BSTR, HF/HTX, LF/LTX, PATH, PHARM)

SESSION 48: ORAL: From Cellular Profiles to Transplant Outcomes: New Insights in HIV and CMV
(ID, BSTR, HF/HTX, LF/LTX)

SESSION 49: ORAL: Outcomes of Mechanical Support and Heart Transplant in Pediatrics
(PEDS, HF/HTX, MCS, NHSAH, PATH)

10:30 AM - 12:15 PM

SESSION 50: SYMPOSIUM: Short-Term MCS in Bridging the Gap Between Recovery and Transplant
(MCS, CTEPH, HF/HTX, PEDS, PH)

SESSION 51: SYMPOSIUM: Joint ISHLT/TTS Symposium: Meeting Ethical Challenges in Transplantation Through Global Partnership
(ALL)

SESSION 52: SYMPOSIUM: ECMO and Lung Failure from Recovery to Transplant
(LF/LTX, MCS, PEDS, PH)

SESSION 53: ORAL: At the Heart of Transplant: From Basic Science Insights to Translational Innovation
Transplantation
(BSTR, HF/HTX)

SESSION 54: SYMPOSIUM: CMV: Great Debates on Prevention and Management Controversies
(ID, HF/HTX, LF/LTX, PEDS, PHARM)

SESSION 55: ORAL: Quality of Life Across All of Life for Patients and Caregivers
(NHSAH, HF/HTX, MCS, PEDS)

SESSION 56: ORAL: The Pharmacist is IN! LVAD, Heart, and Lung Transplant Medication Questions Answered
(PHARM, HF/HTX, ID, LF/LTX, MCS, NHSAH)

2:00 PM - 3:45 PM

SESSION 57: ORAL: LVAD Thrombosis and Neurological Complications
(MCS, NHSAH)

SESSION 58: SYMPOSIUM: Joint ISHLT/AST Symposium: Challenges in Heart/Kidney Transplantation
(HF/HTX, BSTR, PATH, PEDS, PHARM)

SESSION 59: ORAL: Temporary MCS
(MCS, HF/HTX, PEDS)

SESSION 60: ORAL: Mechanistic Processes of Primary Graft Dysfunction and Outcomes of ECMO Post Lung Transplantation
(LF/LTX, BSTR, MCS, NHSAH)

SESSION 61: SYMPOSIUM: Lean On Me: Mechanical Support of the Right Ventricle in Pulmonary Hypertension
(PH, CTEPH, HF/HTX, LF/LTX, MCS, PEDS)

SESSION 62: SYMPOSIUM: Shaping the Future of Thoracic Transplant Pathology: Multiplex, Multidisciplinary and Multimodality
(PATH, BSTR, HF/HTX, LF/LTX)

SESSION 63: ORAL: The Road to Rejection: Infection, Inflammation and Injury after Lung Transplant
(BSTR, LTX)

4:15 PM - 6:00 PM

SESSION 64: SYMPOSIUM: When a Single Ventricle Support is Not Enough!
(MCS, CTEPH, HF/HTX, PEDS, PH)

SESSION 65: SYMPOSIUM: Global Perspectives on Decreasing Waitlist Mortality: Expanded Donors and Prioritized Candidates

(HF/HTX, ID, MCS, PEDS)

SESSION 66: ORAL: Gender Differences in MCS Patients and Specifics of the Waitlist

(MCS, BSTR, HF/HTX, NNSAH)

SESSION 67: ORAL: Refining the Technique and Diagnostic Capability of EVLP

(LF/LTX, BSTR)

SESSION 68: SYMPOSIUM: Challenges in Patient and Device Selection in Pediatric Heart Failure and MCS

(PEDS, HF/HTX, MCS, NNSAH)

SESSION 69: ORAL: Molecular Mechanisms of Allograft Injury and CLAD

(LF/LTX, BSTR, ID, PATH)

SESSION 70: SYMPOSIUM: Jukebox Jives: Going Beyond the Fundamentals of Antifungal Therapy

(PHARM, HF/HTX, ID, LF/LTX, MCS, NNSAH, PEDS)

6:00 PM - 7:15 PM

POSTER SESSION 3 (Poster Hall 210c+210g)

- **Basic Science and Translational Research (BSTR)**
- **Infectious Diseases (ID)**
- **Junior Faculty Clinical Case Reports (HF/HTX, ID, LF/LTX, MCS, PEDS, PH)**
- **Lung Failure and Transplantation – Adult (LF/LTX)**
- **Nursing, Health Sciences, Allied Health (NNSAH)**
- **Pathology (PATH)**
- **Pharmacy and Pharmacology (PHARM)**
- **Pulmonary Hypertension, Chronic Thromboembolic Pulmonary Hypertension (PH, CTEPH)**

6:15 PM - 7:15 PM

MINI ORAL 15: Donor Lung Evaluation, Acceptance and Waitlist Considerations

(LF/LTX, MCS, NNSAH, PEDS)

MINI ORAL 16: Pediatric Mechanical Support and Thoracic Transplant

(PEDS, BSTR, HF/HTX, MCS, NNSAH, PATH)

MINI ORAL 17: One Size Does Not Fit All: Specialized Care for Unique Cardiac Patients

(HF/HTX, NNSAH, PEDS, PHARM)

MINI ORAL 18: Sprints and Marathons: Early and Late Complications After Heart Transplantation

(HF/HTX, BSTR, ID, NNSAH)

SATURDAY, APRIL 25, 2020

7:00 AM - 8:00 AM

SUNRISE 15: Considering Sex and Race: Strategies for the Non-Typical Transplant Recipient

(HF/HTX, LF/LTX, MCS, NNSAH, PEDS)

SUNRISE 16: I Never Thought I'd Live to Be a Hundred: Lessons Learned to Delay Transplantopathy

(HF/HTX, PEDS, PHARM)

SUNRISE 17: A Worthwhile Pursuit: Balancing Parallel Goals of Prolonged Life and Relief from Symptom Burden in Advanced Heart and Lung Disease

(PH, HF/HTX, LF/LTX, NNSAH, PEDS, PHARM)

SUNRISE 18: Early Markers for CLAD Development: Ready to Use or Discard?

(LF/LTX, BSTR, PATH, PEDS)

SUNRISE 19: Coagulation Wars: Rogue Anticoagulation Strategies in Durable MCS

(PHARM, MCS, NNSAH)

SUNRISE 20: Challenges in the Field of Pediatric Heart Transplantation: Are We Solving Them?

(PEDS, HF/HTX, PATH, PHARM)

8:15 AM - 10:00 AM

SESSION 71: ORAL: Valve Regurgitation in MCS Patients
(MCS, HF/HTX)

SESSION 72: ORAL: Hepatitis C+ Donors for Heart Transplantation: Redefining High Risk
(HF/HTX, ID, LF/LTX)

SESSION 73: ORAL: LVAD Implantation Technique
(MCS, HF/HTX)

SESSION 74: ORAL: Optimizing Outcomes Post Lung Transplantation
(LF/LTX, BSTR, NHSAH, PEDS, PHARM)

SESSION 75: ORAL: Cancer after Heart Transplant: The Phantom Menace
(HF/HTX, PHARM, ID, PATH)

SESSION 76: ORAL: Medical and Mechanical Treatment of Pediatric Structural and Acquired Heart Disease
(PEDS, HF/HTX, MCS, NHSAH, PATH)

10:15 AM - 12:15 PM

PLENARY 3: Plenary Session
(ALL)

12:30 PM - 2:15 PM

SESSION 77: ORAL: Optimal Drug Therapy and Monitoring of MCS Patients
(MCS, BSTR, HF/HTX, NHSAH, PHARM)

SESSION 78: ORAL: Expanding the Cardiac Donor Pool: Donation after Circulatory Death (DCD) Transplantation and Ex-Vivo Perfusion
(HF/HTX, BSTR)

SESSION 79: ORAL: Myocardial Recovery and Physiological Changes in MCS Patients
(MCS, BSTR, HF/HTX, PH)

SESSION 80: ORAL: Donor Organ Allocation and Assessment: Exploring New and Existing Paths
(LF/LTX, EEP, MCS, PHARM)

SESSION 81: ORAL: Bumps in the Road: Dealing with Complications After Heart Transplantation
(HF/HTX, PH, NHSAH, PHARM)

SESSION 82: ORAL: Optimize the Donor! Thoracic Organ Investigations to Improve Outcomes
(BSTR, HF/HTX, LF/LTX)