



Day 1

Friday, May 11, 2018 (1:00 p.m. – 6:30 p.m.)

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| 1:00 p.m. – 2:00 p.m. | REGISTRATION |
| 2:00 p.m. – 3:15 p.m. | Session 1: Quality of Life (QOL) – Patient-Reported Outcomes
Moderators: James B. Young, Cleveland, OH, and J. Eduardo Rame, Pittsburgh, PA |
| 2:00 p.m. – 2:15 p.m. | Strategies for Optimizing Functional Capacity Following Mechanical Circulatory Support (MCS)
<i>Donna M. Mancini, New York, NY</i> |
| 2:15 p.m. – 2:30 p.m. | Putting Life in the Years: QOL Assessment in MCS
<i>Kathleen L. Grady, Chicago, IL</i> |
| 2:30 p.m. – 2:45 p.m. | Incorporating Patient-Centered Outcomes into MCS Decisions
<i>Suzanne V. Arnold, Kansas City, MO</i> |
| 2:45 p.m. – 3:00 p.m. | Barriers to Application of QOL Data in Pediatric MCS
<i>Jodi Lantz, Dallas, TX</i> |
| 3:00 p.m. – 3:15 p.m. | Caregiver Perspectives on MCS
<i>Colleen K. McIlvennan, Aurora, CO</i> |
| 3:15 p.m. – 4:00 p.m. | Session 2: User Interactions with Database and Data Use
Moderators: Ryan Cantor, Birmingham, AL, and Nick Timkovich, Birmingham, AL |
| 4:00 p.m. – 4:15 p.m. | BREAK |
| 4:15 p.m. – 5:30 p.m. | Session 3: Rapid-Fire Abstracts
Moderators: Francis D. Pagani, Ann Arbor, MI, and Jennifer A. Cowger, Detroit, MI |
| 4:15 p.m. – 4:30 p.m. | Temporal Trends in Renal Function in Pediatric Heart Failure Patients Following VAD Implantation and Cardiac Transplantation (Pedimacs/PHTS)
<i>Seth A. Hollander, Palo Alto, CA</i> |
| 4:30 p.m. – 4:45 p.m. | Outcomes after Isolated Durable Right Ventricular Assist Device (RVAD) Support: Research from the STS Intermacs Database
<i>Edo Y. Birati, Philadelphia, PA</i> |

2018 STS Intermacs Meeting

May 11 – 12, 2018
Rosemont, IL

- 4:45 p.m. – 5:00 p.m. Utilization and Outcomes in Pedimacs Patients after Biventricular Assist Device Support
Ryan J. Butts, Dallas, TX
- 5:00 p.m. – 5:15 p.m. Hospital Costs for Pediatric Patients with Temporary Ventricular Assist Devices: A Multicenter Study from Pedimacs and the Pediatric Health Information System
Joseph W. Rossano, Philadelphia, PA
- 5:15 p.m. – 5:30 p.m. Outcomes of Children with Congenital Heart Disease Implanted with Ventricular Assist Devices
David M. Peng, Ann Arbor, MI
- 5:30 p.m. – 6:30 p.m. **Session 4: Poster Abstract Presentation with Wine and Cheese Reception**
Moderator: *Robert L. Kormos, Pittsburgh, PA*
- 6:30 p.m. **ADJOURNMENT**

Day 2

Saturday, May 12, 2018 (7:30 a.m. – 4:45 p.m.)

- 7:30 a.m. – 8:30 a.m. **Session 5: Intermacs and STS**
Moderators: *Robert S.D. Higgins, Baltimore, MD, and Richard L. Prager, Ann Arbor, MI*
- 7:30 a.m. – 7:45 a.m. Status of the STS Intermacs Database and Vision for the Future
Jeffrey P. Jacobs, St. Petersburg, FL, and James K. Kirklin, Birmingham, AL
- 7:45 a.m. – 8:00 a.m. New Intermacs Initiatives under STS
Robert L. Kormos, Pittsburgh, PA
- 8:00 a.m. – 8:15 a.m. How to Request Data from the STS Intermacs Database
Francis D. Pagani, Ann Arbor, MI
- 8:15 a.m. – 8:30 a.m. Opportunities for Research Partnerships with the Cardiothoracic Surgical Trials Network
Annetine C. Gelijns, New York, NY
- 8:30 a.m. – 9:30 a.m. **Session 6: New Science from Intermacs Collaborations: Lessons Learned**
Moderators: *James K. Kirklin, Birmingham, AL, and Josef Stehlik, Salt Lake City, UT*
- 8:30 a.m. – 8:45 a.m. An Update from the Intermacs/Scientific Registry of Transplant Recipients Collaboration
Jose A. Tallaj, Birmingham, AL

- 8:45 a.m. – 9:00 a.m. IMACS Registry, the International Society for Heart & Lung Transplantation, and The Society of Thoracic Surgeons
Josef Stehlik, Salt Lake City, UT
- 9:00 a.m. – 9:15 a.m. Pedimacs, the Pediatric Heart Transplant Society, and the Pediatric Health Information System
Elizabeth Blume, Boston, MA
- 9:15 a.m. – 9:30 a.m. Intermacs and CMS Data Linkages
David S. Likosky, Ann Arbor, MI
- 9:30 a.m. – 9:45 a.m. BREAK**
- 9:45 a.m. – 10:45 a.m. Session 7: Clinical Trials in Durable Mechanical Circulatory Support**
Moderators: *Francis D. Pagani, Ann Arbor, MI, and Jennifer A. Cowger, Detroit, MI*
- 9:45 a.m. – 10:00 a.m. The Next Clinical Trial Design: Beyond Momentum and Endurance
Joseph C. Cleveland Jr., Aurora, CO
- 10:00 a.m. – 10:15 a.m. Are We Ready to Randomize LVADs Against High-Risk Transplants?
Anu Lala, New York, NY
- 10:15 a.m. – 10:30 a.m. Update on Pediatric Trials
Katsuhide Maeda, Palo Alto, CA
- 10:30 a.m. – 10:45 a.m. Use of Real-World Evidence to Support Regulatory Decision Making for Medical Devices
John C. Laschinger, Washington, DC
- 10:45 a.m. – 11:45 a.m. Session 8: Addressing Adverse Events**
Moderators: *Scott C. Silvestry, Orlando, FL, and Lynne W. Stevenson, Nashville, TN*
- 10:45 a.m. – 11:00 a.m. Should We Address Significant Tricuspid and Mitral Valve Insufficiency at LVAD Implant?
Carmelo A. Milano, Durham, NC
- 11:00 a.m. – 11:15 a.m. Improving Anticoagulation Protocols to Decrease Adverse Events
David L. Sutcliffe, Dallas, TX
- 11:15 a.m. – 11:30 a.m. New Insights into the Trajectory of Right Heart Failure
Michael S. Kiernan, Boston, MA

- 11:30 a.m. – 11:45 a.m. Hemocompatibility-Related Adverse Events
Nir Uriel, Chicago, IL
- 11:45 a.m. – 12:45 p.m. **LUNCH / VANGUARD AND SHERRI WISSMAN AWARDS**
- 12:45 p.m. – 1:45 p.m. **Session 9: Future Perspectives in MCS with a Pediatric Focus**
Moderators: *James W. Long, Oklahoma City, OK, and David L. Morales, Cincinnati, OH*
- 12:45 p.m. – 1:00 p.m. Challenges of MCS in the Patient with Single Ventricle
Steven J. Kindel, Milwaukee, WI
- 1:00 p.m. – 1:15 p.m. Improving Value in Pediatric MCS: Quality Improvement Initiatives
Joseph W. Rossano, Philadelphia, PA
- 1:15 p.m. – 1:30 p.m. How Changes in the United Network for Organ Sharing Allocation Scheme Will Change Wait Times on VADs – Pediatric and Adult Perspectives
Ryan R. Davies, Dallas, TX
- 1:30 p.m. – 1:45 p.m. Continuous Flow Non-Pulsatile VAD Extended to the Pediatric Population
Christina J. VanderPluym, Boston, MA
- 1:45 p.m. – 2:00 p.m. **BREAK**
- 2:00 p.m. – 3:00 p.m. **Session 10: Engineering Better Pumps and Electronics for Diagnostic and Therapeutic Uses**
Moderators: *James D. St. Louis, Kansas City, MO, and Jonathan W. Haft, Ann Arbor, MI*
- 2:00 p.m. – 2:15 p.m. Engineering Perspectives in Pump Design—Miniaturization and Other Innovations
James F. Antaki, Pittsburgh, PA
- 2:15 p.m. – 2:30 p.m. MCS Innovations for Supporting the Fontan Circulation
Mark D. Rodefeld, Indianapolis, IN
- 2:30 p.m. – 2:45 p.m. Pressure Sensors and LVAD Therapy: State of the Technology and Implications for Patient Management
Rita A. Jermyn, Roslyn, NY
- 2:45 p.m. – 3:00 p.m. How Engineering and Pharmacology Can Affect the Future of LVAD Hemocompatibility
Marvin J. Slepian, Tucson, AZ

- 3:00 p.m. – 3:30 p.m.** **Session 11: New MCS Devices—Challenges to the Paradigm of Durable Continuous Flow Rotary Pumps**
Moderators: Christopher T. Salerno, Indianapolis, IN, and Valluvan Jeevanandam, Chicago, IL
- 3:00 p.m. – 3:20 p.m. Debate: Don't Throw Away the Durable Implantable Continuous Flow Rotary Pump Just Yet
Scott C. Silvestry, Orlando, FL, and Ahmet Kilic, Baltimore, MD
- 3:20 p.m. – 3:30 p.m. Novel Uses of "Temporary Devices" in Pediatric Patients
David L. Morales, Cincinnati, OH
- 3:30 p.m. – 3:45 p.m.** **BREAK**
- END OF CME PORTION**
- 3:45 p.m. – 4:45 p.m.** **Updates from Industry**
- SynCardia 50-cc Pump – New Advances
Francisco A. Arabia, Los Angeles, CA
- NuPulse iVAS
Valluvan Jeevanandam, Chicago, IL
- CorWave LVAD
Robert L. Kormos, Pittsburgh, PA
- Procyrion
Jace Heuring, Houston, TX
- TORVAD
Jeff Gohean, Austin, TX
- 4:45 p.m.** **ADJOURNMENT**