

# Stanford

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## Jeffrey Teuteberg

Professor of Medicine (Cardiovascular Medicine)

Medicine - Cardiovascular Medicine

### CLINICAL OFFICES

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### ACADEMIC CONTACT INFORMATION

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### Bio

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#### BIO

Dr. Teuteberg is board certified in Cardiology and Heart Failure and Transplantation. He is currently the Section Chief of Heart Failure, Cardiac Transplantation, and Mechanical Circulatory Support. He sees patients both in the clinic and in the hospital with advanced heart failure and who have received cardiac transplantation or mechanical circulatory support.

His research interests are in clinical outcomes in patients after transplant and mechanical support as well as novel approaches to immunosuppression. He has participated in many single-center and multi-institutional research studies and has published widely in the fields of transplant and mechanical support. He served as President of the International Society of Heart and Lung Transplantation in 2018.

#### CLINICAL FOCUS

- Heart Transplant
- Mechanical Circulatory Support
- Heart Failure
- Cardiovascular Disease

#### ACADEMIC APPOINTMENTS

- Professor - University Medical Line, Medicine - Cardiovascular Medicine
- Member, Cardiovascular Institute

#### ADMINISTRATIVE APPOINTMENTS

- Section Chief, Heart Failure, Cardiac Transplantation, Mechanical Circulatory Support, Cardiovascular Medicine, (2017- present)

#### PROFESSIONAL EDUCATION

- Board Certification: Cardiovascular Disease, American Board of Internal Medicine (2004)
- Board Certification: Advanced Heart Failure and Transplant Cardiology, American Board of Internal Medicine (2010)

- Fellowship: Brigham and Women's Hospital Heart Transplant (2004) MA
- Fellowship, University of Chicago , Cardiovascular Medicine (2003)
- Residency, University of Chicago , Internal Medicine (1999)
- Medical Education: Pritzker School of Medicine University of Chicago Registrar (1996) IL

## LINKS

- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

## Publications

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### PUBLICATIONS

- **Improving nutrition practices for postoperative high-risk heart transplant and ventricular assist device implant patients in circulatory compromise: A quality improvement pre- and post-protocol intervention outcome study.** *Nutrition in clinical practice : official publication of the American Society for Parenteral and Enteral Nutrition*  
Modir, R., Hadhazy, E., Teuteberg, J., Hiesinger, W., Tulu, Z., Hill, C.  
2022
- **Combining donor derived cell free DNA and gene expression profiling for non-invasive surveillance after heart transplantation.** *Clinical transplantation*  
Henricksen, E. J., Moayed, Y., Purewal, S., Twiggs, J. V., Waddell, K., Luikart, H., Han, J., Feng, K., Wayda, B., Lee, R., Shudo, Y., Jimenez, S., Khush, et al  
2022; e14699
- **Modeling Effects of Immunosuppressive Drugs on Human Hearts Using Induced Pluripotent Stem Cell-Derived Cardiac Organoids and Single-Cell RNA Sequencing.** *Circulation*  
Sallam, K., Thomas, D., Gaddam, S., Lopez, N., Beck, A., Beach, L., Rogers, A. J., Zhang, H., Chen, I. Y., Ameen, M., Hiesinger, W., Teuteberg, J. J., Rhee, et al  
2022; 145 (17): 1367-1369
- **Outcomes With Phosphodiesterase-5 Inhibitor Use After Left Ventricular Assist Device: A STS-INTERMACS Analysis.** *Circulation. Heart failure*  
Grandin, E. W., Gulati, G., Nunez, J. I., Kennedy, K., Rame, J. E., Atluri, P., Pagani, F. D., Kirklin, J. K., Kormos, R. L., Teuteberg, J., Kiernan, M. S.  
2022; CIRCHEARTFAILURE121008613
- **What If the Destination Is Transplant? Outcomes of Destination Therapy Patients Who Were Transplanted.** *ASAIO journal (American Society for Artificial Internal Organs : 1992)*  
Atluri, P., Silvestry, S. C., Teuteberg, J. J., Milano, C. A., Selzman, C. H., Cowger, J. A.  
1800; 68 (2): 178-183
- **Evolution of Late Right Heart Failure With Left Ventricular Assist Devices and Association With Outcomes.** *Journal of the American College of Cardiology*  
Rame, J. E., Pagani, F. D., Kiernan, M. S., Oliveira, G. H., Birati, E. Y., Atluri, P., Gaffey, A., Grandin, E. W., Myers, S. L., Collum, C., Kormos, R. L., Kirklin, J. K., Teuteberg, et al  
2021; 78 (23): 2294-2308
- **Impact of diabetes mellitus on clinical outcomes after heart transplantation.** *Clinical transplantation*  
Feng, K. Y., Henricksen, E. J., Wayda, B., Moayed, Y., Lee, R., Han, J., Multani, A., Yang, W., Purewal, S., Puing, A. G., Basina, M., Teuteberg, J. J., Khush, et al  
2021
- **Patient-Specific Computational Fluid Dynamics Reveal Localized Flow Patterns Predictive of Post-Left Ventricular Assist Device Aortic Incompetence.** *Circulation. Heart failure*  
Shad, R., Kaiser, A. D., Kong, S., Fong, R., Quach, N., Bowles, C., Kasinpila, P., Shudo, Y., Teuteberg, J., Woo, Y. J., Marsden, A. L., Hiesinger, W.  
2021; CIRCHEARTFAILURE120008034
- **Impact of thoracotomy approach on right ventricular failure and length of stay in left ventricular assist device implants: an intermacs registry analysis.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*  
Lampert, B. C., Teuteberg, J. J., Cowger, J., Mokadam, N. A., Cantor, R. S., Benza, R. L., Ganapathi, A. M., Myers, S. L., Hiesinger, W., Woo, J., Pagani, F., Kirklin, J. K., Whitson, et al  
2021
- **Coronavirus disease 2019 in heart transplant recipients: Risk factors, immunosuppression, and outcomes.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*

- Genuardi, M. V., Moss, N., Najjar, S. S., Houston, B. A., Shore, S., Vorovich, E., Atluri, P., Molina, M., Chambers, S., Sharkoski, T., Hsich, E., Estep, J. D., Owens, et al  
2021
- **Long-term survival in patients with post-LVAD right ventricular failure: multi-state modelling with competing outcomes of heart transplant.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*  
Shad, R., Fong, R., Quach, N., Bowles, C., Kasinpila, P., Li, M., Callon, K., Castro, M., Guha, A., Suarez, E. E., Lee, S., Jovinge, S., Boeve, et al  
2021
  - **COST-EFFECTIVENESS AND SYSTEM-WIDE IMPACT OF USING HEPATITIS C-VIREMIC DONORS FOR HEART TRANSPLANT**  
Wayda, B., Sandhu, A., Parizo, J., Teuteberg, J., Khush, K.  
ELSEVIER SCIENCE INC.2021: 3417
  - **Phosphodiesterase type 5 inhibitors after left ventricular assist device: no free lunch?** *ESC heart failure*  
Grandin, E. W., Teuteberg, J. J.  
2021
  - **The Range of Cardiogenic Shock Survival by Clinical Stage: Data From the Critical Care Cardiology Trials Network Registry.** *Critical care medicine*  
Lawler, P. R., Berg, D. D., Park, J., Katz, J. N., Baird-Zars, V. M., Barsness, G. W., Bohula, E. A., Carnicelli, A. P., Chaudhry, S., Jentzer, J. C., Menon, V., Metkus, T., Nativi-Nicolau, et al  
2021
  - **2019 STS/Intermacs Annual Report Writing Committee's Response** *ANNALS OF THORACIC SURGERY*  
Pagani, F. D., Teuteberg, J., Cleveland, J., Atluri, P., Kirklin, J., Habib, R.  
2021; 111 (2): 734
  - **Donor and Recipient Size Matching in Heart Transplantation with Predicted Heart and Lean Body Mass.** *Seminars in thoracic and cardiovascular surgery*  
Miller, R. J., Hedman, K. n., Amsallem, M. n., Tulu, Z. n., Kent, W. n., Fatehi, A. n., Clarke, B. n., Heidenreich, P. n., Hiesinger, W. n., Khush, K. K., Teuteberg, J. n., Haddad, F. n.  
2021
  - **Impact of using higher-risk donor hearts for candidates with pre-transplant mechanical circulatory support.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*  
Han, J., Moayedi, Y., Yang, W., Henriksen, E. J., Lee, R., Purewal, S., Chang, E., Duclos, S., Lyapin, A., Feng, K., Hiesinger, W., Teuteberg, J. J., Khush, et al  
2021
  - **Concordance of Treatment Effect: An Analysis of The Society of Thoracic Surgeons Intermacs Database.** *The Annals of thoracic surgery*  
Pagani, F. D., Cantor, R., Cowger, J., Goldstein, D., Teuteberg, J., Mahr, C., Atluri, P., Kilic, A., Maozami, N., Habib, R., Naftel, D., Kirklin, J. K.  
2021
  - **Long-Term Neurocognitive Outcome in Patients With Continuous Flow Left Ventricular Assist Device.** *JACC. Heart failure*  
Cho, S. M., Floden, D., Wallace, K., Hiivala, N., Joseph, S., Teuteberg, J., Rogers, J. G., Pagani, F. D., Mokadam, N., Tirschwell, D., Li, S., Starling, R. C., Mahr, et al  
2021
  - **Predicting post-operative right ventricular failure using video-based deep learning.** *Nature communications*  
Shad, R., Quach, N., Fong, R., Kasinpila, P., Bowles, C., Castro, M., Guha, A., Suarez, E. E., Jovinge, S., Lee, S., Boeve, T., Amsallem, M., Tang, et al  
2021; 12 (1): 5192
  - **Cardiopulmonary Exercise Testing With Echocardiography to Assess Recovery in Patients With Ventricular Assist Devices.** *ASAIO journal (American Society for Artificial Internal Organs : 1992)*  
Christle, J. W., Moneghetti, K. J., Duclos, S., Mueller, S., Moayedi, Y., Khush, K. K., Haddad, F., Hiesinger, W., Myers, J., Ashley, E. A., Teuteberg, J. J., Wheeler, M. T., Banerjee, et al  
2021; 67 (10): 1134-1138
  - **Cost-effectiveness and system-wide impact of using Hepatitis C-viremic donors for heart transplant.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*  
Wayda, B., Sandhu, A. T., Parizo, J., Teuteberg, J. J., Khush, K. K.  
2021
  - **Characteristics and Outcomes of COVID-19 in Patients on Left Ventricular Assist Device Support.** *Circulation. Heart failure*

- Birati, E. Y., Najjar, S. S., Tedford, R. J., Houston, B. A., Shore, S. n., Vorovich, E. n., Atluri, P. n., Urgo, K. n., Molina, M. n., Chambers, S. n., Escobar, N. n., Hsich, E. n., Estep, et al  
2021: CIRCHEARTFAILURE120007957
- **Classifying and Risk Stratifying Heart Failure: Easy as A, B, C?** *JACC. Cardiovascular imaging*  
Teuteberg, J. J.  
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  - **Evolution of Late Right Heart Failure With Left Ventricular Assist Devices and Association With Outcomes** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*  
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2020; 78 (23): 2294-2308
  - **Patient Satisfaction Remains High from 3-6 Months After Lvad Implant: Findings from Mcs A-qol**  
Grady, K. L., Wortman, K., Cummings, P., Buono, S., Lindenfeld, J., Teuteberg, J., Rich, J., Cella, D., Yancy, C., Pham, D., McILvennan, C., Allen, L. A., Kiernan, et al  
CHURCHILL LIVINGSTONE INC MEDICAL PUBLISHERS.2020: S130-S131
  - **Evaluation of a Health Care Performance Improvement Initiative to Facilitate Optimal Clinical Outcomes in Patients Receiving Ventricular Assist Device Support.** *Progress in transplantation (Aliso Viejo, Calif.)*  
Lockard, K. L., Dunn, E., Kunz, N., Pearsol, A., Schaub, R. D., Severyn, D. A., Lohmann, D., McCall, M., Morelli, B., Teuteberg, J. J., Kormos, R. L., Sciortino, C. M., Dew, et al  
2020: 1526924820958129
  - **DD-CFDNA AS A RISK FACTOR FOR INITIATING DE-NOVO DONOR SPECIFIC ANTIBODIES IN HEART TRANSPLANTATION**  
Depasquale, E., Kobashigawa, J., Pinney, S., Teuteberg, J., Khush, K.  
LIPPINCOTT WILLIAMS & WILKINS.2020: S131-S132
  - **Ethical decision-making in simultaneous heart-liver transplantation.** *Current opinion in organ transplantation*  
Cheng, X. S., Wall, A., Teuteberg, J.  
2020
  - **The Stanford acute heart failure symptom score for patients hospitalized with heart failure.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*  
Almond, C. S., Chen, S., Dykes, J. C., Kwong, J., Burstein, D. S., Rosenthal, D. N., Kipps, A. K., Teuteberg, J., Murray, J. M., Kaufman, B. D., Hollander, S. A., Profita, E., Yarlagadda, et al  
2020
  - **Outcomes Among Patients With Left Ventricular Assist Devices Receiving Maintenance Outpatient Hemodialysis: A Case Series.** *American journal of kidney diseases : the official journal of the National Kidney Foundation*  
Franz, D. D., Hussein, W. F., Abra, G., Diskin, C. D., Duggal, V., Teuteberg, J. J., Chang, T. I., Schiller, B.  
2020
  - **(ReBOOT) REMote moBile Outpatient MONitoring in heart Transplant: A pilot study.** *The Canadian journal of cardiology*  
Moayed, Y., Hershman, S. G., Henricksen, E. J., Lee, R., Han, J., Bougouin, W., Khush, K. K., Ross, H. J., Teuteberg, J. J.  
2020
  - **Predicting Where Patients Will Be, Rather Than Just Seeing Where They Are: Establishing Trajectories of Cardiac Allograft Vasculopathy.** *Circulation*  
Moayed, Y., Teuteberg, J. J.  
2020; 141 (24): 1968-70
  - **Updated definitions of adverse events for trials and registries of mechanical circulatory support: A consensus statement of the mechanical circulatory support academic research consortium.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*  
Kormos, R. L., Antonides, C. F., Goldstein, D. J., Cowger, J. A., Starling, R. C., Kirklin, J. K., Rame, J. E., Rosenthal, D., Mooney, M. L., Caliskan, K., Messe, S. R., Teuteberg, J. J., Mohacsi, et al  
2020
  - **Use of Temporary Mechanical Circulatory Support for Management of Cardiogenic Shock Before and After the United Network for Organ Sharing Donor Heart Allocation System Changes.** *JAMA cardiology*

- Varshney, A. S., Berg, D. D., Katz, J. N., Baird-Zars, V. M., Bohula, E. A., Carnicelli, A. P., Chaudhry, S., Guo, J., Lawler, P. R., Nativi-Nicolau, J., Sinha, S. S., Teuteberg, J. J., van Diepen, et al  
2020
- **The Society of Thoracic Surgeons Intermacs 2019 Annual Report: The Changing Landscape of Devices and Indications.** *The Annals of thoracic surgery*  
Teuteberg, J. J., Cleveland, J. C., Cowger, J., Higgins, R. S., Goldstein, D. J., Keebler, M., Kirklin, J. K., Myers, S. L., Salerno, C. T., Stehlik, J., Fernandez, F., Badhwar, V., Pagani, et al  
2020; 109 (3): 649–60
  - **Understanding risk factors and predictors for stroke subtypes in the ENDURANCE trials.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*  
Cho, S., Starling, R. C., Teuteberg, J., Rogers, J., Pagani, F., Shah, P., Uchino, K., Hiivala, N.  
2020
  - **Use of direct oral anticoagulants after heart transplantation.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*  
Henricksen, E. J., Tremblay-Gravel, M., Moayedi, Y., Yang, W., Lee, R., Ross, H. J., Hiesinger, W., Teuteberg, J. J., Khush, K. K.  
2020
  - **Defining Optimal Outcomes in Patients with Left Ventricular Assist Devices.** *ASAIO journal (American Society for Artificial Internal Organs : 1992)*  
Kanwar, M. K., McIlvennan, C. K., Lohmueller, L. C., Bailey, S. H., Rogers, J. G., Teuteberg, J. n., Cowger, J. n.  
2020
  - **To Kidney or Not to Kidney: Applying Lessons Learned from the Simultaneous Liver-Kidney Transplant Policy to Simultaneous Heart-Kidney Transplantation.** *Clinical transplantation*  
Cheng, X. S., Khush, K. K., Wiseman, A. n., Teuteberg, J. n., Tan, J. C.  
2020
  - **Recent Trends of Infectious Complications Following Heart Transplantation.** *Transplantation*  
Multani, A. n., Moayedi, Y. n., Puing, A. n., Henricksen, E. n., Garvert, D. W., Gomez, C. A., Tremblay-Gravel, M. n., Bunce, P. E., Luikart, H. n., Ross, H. J., Khush, K. K., Montoya, J. G., Teuteberg, et al  
2020
  - **Impact of cytomegalovirus infection on gene expression profile in heart transplant recipients.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*  
Kanwar, M. K., Khush, K. K., Pinney, S. n., Sherman, C. n., Hall, S. n., Teuteberg, J. n., Uriel, N. n., Kobashigawa, J. n.  
2020
  - **Ethical considerations regarding heart and lung transplantation and mechanical circulatory support during the COVID-19 pandemic: an ISHLT COVID-19 Task Force statement.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*  
Holm, A. M., Mehra, M. R., Courtwright, A. n., Teuteberg, J. n., Sweet, S. n., Potenza, L. n., Singer, L. G., Farrero, M. n., Shullo, M. A., Benza, R. n., Ensminger, S. n., Aslam, S. n.  
2020
  - **2019 STS/Intermacs Annual Report Writing Committee's Response.** *The Annals of thoracic surgery*  
Pagani, F. D., Teuteberg, J. n., Cleveland, J. n., Atluri, P. n., Kirklin, J. n., Habib, R. n.  
2020
  - **Risk factors for early development of cardiac allograft vasculopathy by intravascular ultrasound.** *Clinical transplantation*  
Moayedi, Y. n., Fan, C. P., Tremblay-Gravel, M. n., Miller, R. J., Kawana, M. n., Henricksen, E. n., Parizo, J. n., Wainwright, R. n., Fearon, W. F., Ross, H. J., Khush, K. K., Teuteberg, J. J.  
2020: e14098
  - **Clinical Practice Patterns in Temporary Mechanical Circulatory Support for Shock in the Critical Care Cardiology Trials Network (CCCTN) Registry.** *Circulation. Heart failure*  
Berg, D. D., Barnett, C. F., Kenigsberg, B. B., Papolos, A., Alviar, C. L., Baird-Zars, V. M., Barsness, G. W., Bohula, E. A., Brennan, J., Burke, J. A., Carnicelli, A. P., Chaudhry, S., Cremer, et al  
2019; 12 (11): e006635
  - **Survival Outcomes After Heart Transplantation: Does Recipient Sex Matter?** *Circulation. Heart failure*  
Moayedi, Y., Fan, C. P., Cherikh, W. S., Stehlik, J., Teuteberg, J. J., Ross, H. J., Khush, K. K.

2019; 12 (10): e006218

- **OUTCOMES OF PATIENTS WITH INFECTION RELATED TO VENTRICULAR ASSIST DEVICE AFTER HEART TRANSPLANTATION**  
Moayedi, Y., Multani, A., Bunce, P. E., Tremblay-Gravel, M., Gomez, C., Garvert, D., Duclos, S., Hiesinger, W., Ross, H., Khush, K., Montoya, J., Teuteberg, J.  
WILEY.2019: 55
- **Outcomes of patients with infection related to a ventricular assist device after Heart Transplantation.** *Clinical transplantation*  
Moayedi, Y., Multani, A., Bunce, P. E., Henriksen, E., Lee, R., Yang, W., Gomez, C. A., Garvert, D. W., Tremblay-Gravel, M., Duclos, S., Hiesinger, W., Ross, H. J., Khush, et al  
2019: e13692
- **Outcomes in patients undergoing cardiac retransplantation: A propensity matched cohort analysis of the UNOS Registry.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*  
Miller, R. J., Clarke, B. A., Howlett, J. G., Khush, K. K., Teuteberg, J. J., Haddad, F.  
2019
- **Risk Assessment in Patients with a Left Ventricular Assist Device Across INTERMACS Profiles Using Bayesian Analysis** *ASAIO JOURNAL*  
Kanwar, M. K., Lohmueller, L. C., Teuteberg, J., Kormos, R. L., Rogers, J. G., Benza, R. L., Lindenfeld, J., McIlvennan, C., Bailey, S. H., Murali, S., Antaki, J. F.  
2019; 65 (5): 436–41
- **Short-term outcomes of en bloc combined heart and liver transplantation in the failing Fontan** *CLINICAL TRANSPLANTATION*  
Vaikunth, S. S., Concepcion, W., Daugherty, T., Fowler, M., Lutchman, G., Maeda, K., Rosenthal, D. N., Teuteberg, J., Woo, Y., Lui, G. K.  
2019; 33 (6)
- **Thrombotic events with proliferation signal inhibitor-based immunosuppression in cardiac transplantation** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*  
Witkowsky, O., Teuteberg, J., Althouse, A. D., Shullo, M.  
2019; 38 (6): 619–26
- **Preimplant Phosphodiesterase-5 Inhibitor Use Is Associated With Higher Rates of Severe Early Right Heart Failure After Left Ventricular Assist Device Implantation.** *Circulation. Heart failure*  
Gulati, G., Grandin, E. W., Kennedy, K., Cabezas, F., DeNofrio, D. D., Kociol, R., Rame, J. E., Pagani, F. D., Kirklin, J. K., Kormos, R. L., Teuteberg, J., Kiernan, M.  
2019; 12 (6): e005537
- **Infectious complications after heart transplantation in patients screened with gene expression profiling** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*  
Moayedi, Y., Gomez, C. A., Fan, C. S., Miller, R. H., Bunce, P. E., Tremblay-Gravel, M., Foroutan, F., Manlhiot, C., Yee, J., Shullo, M. A., Khush, K. K., Ross, H. J., Montoya, et al  
2019; 38 (6): 611–18
- **Parvovirus B19-induced severe anemia in heart transplant recipients: Case report and review of the literature** *CLINICAL TRANSPLANTATION*  
Pinto, N. C., Newman, C., Gomez, C. A., Khush, K. K., Moayedi, Y., Lee, R., Teuteberg, J. J., Montoya, J. G.  
2019; 33 (4)
- **Outcomes with ambulatory advanced heart failure from the Medical Arm of Mechanically Assisted Circulatory Support (MedaMACS) Registry.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*  
Ambardekar, A. V., Kittleson, M. M., Palardy, M., Mountis, M. M., Forde-McLean, R. C., DeVore, A. D., Pamboukian, S. V., Thibodeau, J. T., Teuteberg, J. J., Cadaret, L., Xie, R., Taddei-Peters, W., Naftel, et al  
2019; 38 (4): 408–17
- **Impact of Hemodynamic Ramp Test-Guided HVAD Speed and Medication Adjustments on Clinical Outcomes.** *Circulation. Heart failure*  
Uriel, N., Burkhoff, D., Rich, J. D., Drakos, S. G., Teuteberg, J. J., Imamura, T., Rodgers, D., Raikhelkar, J., Vorovich, E. E., Selzman, C. H., Kim, G., Sayer, G.  
2019; 12 (4): e006067
- **Impact of Hemodynamic Ramp Test-Guided HVAD Speed and Medication Adjustments on Clinical Outcomes The RAMP-IT-UP Multicenter Study** *CIRCULATION-HEART FAILURE*  
Uriel, N., Burkhoff, D., Rich, J. D., Drakos, S. G., Teuteberg, J. J., Imamura, T., Rodgers, D., Raikhelkar, J., Vorovich, E. E., Selzman, C. H., Kim, G., Sayer, G.  
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- **Outcomes with ambulatory advanced heart failure from the Medical Arm of Mechanically Assisted Circulatory Support (MedaMACS) Registry** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*

- Ambardekar, A., Kittleson, M. M., Palardy, M., Mountis, M. M., Forde-McLean, R. C., DeVore, A. D., Pamboukian, S., Thibodeau, J. T., Teuteberg, J. J., Cadaret, L., Xie, R., Taddei-Peters, W., Naftel, et al  
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Vaikunth, S. S., Concepcion, W., Daugherty, T., Fowler, M., Lutchman, G., Maeda, K., Rosenthal, D. N., Teuteberg, J., Joseph Woo, Y., Lui, G. K.  
2019; e13540
  - **Parvovirus B19-Induced Severe Anemia in Heart Transplant Recipients: Case Report and Review of the Literature.** *Clinical transplantation*  
Pinto, N. C., Newman, C., Gomez, C. A., Khush, K. K., Moayedi, Y., Lee, R., Teuteberg, J. J., Montoya, J. G.  
2019; e13498
  - **Tolerability of Sacubitril/Valsartan in Patients With Durable Left Ventricular Assist Devices.** *ASAIO journal (American Society for Artificial Internal Organs : 1992)*  
Sharma, A., Moayedi, Y., Duclos, S., Teuteberg, J., Banerjee, D.  
2019
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Kormos, R. L., Cowger, J., Pagani, F. D., Teuteberg, J. J., Goldstein, D. J., Jacobs, J. P., Higgins, R. S., Stevenson, L. W., Stehlik, J., Atluri, P., Grady, K. L., Kirklin, J. K.  
2019; 107 (2): 341–53
  - **The Society of Thoracic Surgeons Intermacs database annual report: Evolving indications, outcomes, and scientific partnerships.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*  
Kormos, R. L., Cowger, J., Pagani, F. D., Teuteberg, J. J., Goldstein, D. J., Jacobs, J. P., Higgins, R. S., Stevenson, L. W., Stehlik, J., Atluri, P., Grady, K. L., Kirklin, J. K.  
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  - **Risk Assessment in Patients with a Left Ventricular Assist Device Across INTERMACS Profiles Using Bayesian Analysis.** *ASAIO journal (American Society for Artificial Internal Organs : 1992)*  
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