Stanford



David Rosenthal

Professor of Pediatrics (Pediatric Cardiology)

Pediatrics - Cardiology

CLINICAL OFFICE (PRIMARY)

- **Heart Center**

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ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

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Bio

CLINICAL FOCUS

- Ventricular Assist Devices
- Heart Transplantation
- Heart Failure
- Cardiomyopathies
- Cardiology (Heart), Pediatric
- Advanced Heart Failure and Transplant Cardiology

ACADEMIC APPOINTMENTS

- Professor-Univ Med Line, Pediatrics - Cardiology
- Member, Bio-X
- Member, Cardiovascular Institute
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Stanford Cancer Institute

ADMINISTRATIVE APPOINTMENTS

- Director, Pediatric Heart Failure and Transplantation, (2011- present)

HONORS AND AWARDS

- Roma and Marvin Auerback Scholar in Pediatric Cardiology, Stanford University (9/1/2017)

PROFESSIONAL EDUCATION

- Fellowship: Yale School Of Medicine (1995) CT
- Medical Education: Albert Einstein College of Medicine (1987) NY
- Residency: Columbia Presbyterian Pediatric Residency Program (1991) NY
- Internship: Columbia Presbyterian Pediatric Residency Program (1988) NY

- Board Certification: Pediatric Cardiology, American Board of Pediatrics (1996)
- AB, Stanford University , English (1982)
- MD, Albert Einstein , Medicine (1987)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

As director of the PACT program for pediatric heart failure and transplantation at Lucile Packard Children's Hospital and Stanford University, I am primarily interested in improving clinical care for children with heart failure and heart transplantation. This includes the testing of new medications for heart failure, such as the investigation of carvedilol for symptomatic heart failure in children; as well as the development of new techniques for cardiac resynchronization in patients with right ventricular failure. More recently, we have been actively involved in application of mechanical circulatory support to children.

Publications

PUBLICATIONS

- **External Validation of a Risk Score Assessment for Pediatric Ventricular Assist Device Mortality.** *ASAIO journal (American Society for Artificial Internal Organs : 1992)*
  Reaney, M., Boucek, K., Lorts, A., Rosenthal, D. N., Yan, K., Zhang, J., Niebler, R. A.
  2026
- **Current Global Trends and Challenges of Pediatric Ventricular Assist Device Programs: An ACTION Collaborative Survey.** *ASAIO journal (American Society for Artificial Internal Organs : 1992)*
  Kim, A. Y., Asante-Korang, A., Kim, H. J., Lorts, A., Niebler, R. A., O'Connor, M. J., Orwick, N., Rosenthal, D., Sehgal, S., Sutcliffe, D., VanderPluym, C., Zinn, M., Joong, et al
  2026
- **Precision medicine for pediatric cardiomyopathy: lessons from pediatric oncology.** *Nature cardiovascular research*
  Briganti, F., Deshpande, S. R., Rosenthal, D. N., Scheinker, D.
  2026
- **Impact Of Ventricular Assist Device Use On Pediatric Heart Transplant Outcomes In A Linked Cohort Of The Advanced Cardiac Therapies Improving Outcomes Network (ACTION) And Pediatric Heart Transplant Society (PHTS) Databases.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*
  Auerbach, S. R., Anton, K., Bansal, N., Bogle, C., Boucek, K., Cantor, R. S., Kirklin, J. K., Rosenthal, D. N., Shezad, M. F., Urschel, S., Watanabe, K., Zhao, H., O'Connor, et al
  2026
- **Outcomes of ventricular assist device placement in pediatric patients with renal dysfunction requiring dialysis: an ACTION registry analysis.** *The Annals of thoracic surgery*
  Catalano, M. A., Edelson, J. B., Amdani, S., Shezad, M. F., Lorts, A., Rosenthal, D. N., Beqaj, H., Peng, D. M., Auerbach, S., Su, J., Greiten, L., Butts, R., Butto, et al
  2026
- **Infectious Adverse Events in Pediatric Paracorporeal Ventricular Assist Devices: An Analysis of the Advanced Cardiac Therapies Improving Outcomes Network (ACTION) Registry.** *ASAIO journal (American Society for Artificial Internal Organs : 1992)*
  Bansal, N., Danziger-Isakov, L., Townsend, M., Naorem, R., Shezad, M. F., Wright, L. K., Bergstrom, C., Hall, E. K., Reichhold, A., Rosenthal, D. N., Haregu, F., Auerbach, S. R.
  2026
- **Safety of Inpatient and Outpatient Beta Blocker Initiation in Pediatric Heart Failure.** *Pediatric cardiology*
  Benvenuto, V., Kroslowitz, B., Wright, L. K., Brock, M. A., Lorts, A., Perry, T., Raskin, A., Rosenthal, D. N., Spinner, J. A., Townsend, M., Sutcliffe, D. L.
  2026

- **Explantation Of Durable Ventricular Assist Device For Myocardial Functional Recovery In Children: A Report From The ACTION Registry.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*
  Langanecha, B., Jeewa, A., Adachi, I., Mavroudis, C. D., Shezad, M., Absi, M., Aljohani, O., Amdani, S., Auerbach, S., Butts, R., Byrnes, J., Castleberry, C., Conway, et al
  2026

- **Prospective Multicenter Evaluation of a Novel Active Driving System for Pediatric Ventricular Assist Device Support.** *Journal of the American College of Cardiology*
  Edelson, J. B., O'Connor, M. J., Shezad, M., Duganiero, T., Auerbach, S. R., Bleiweis, M., Dykes, J. C., Joong, A., Khan, S., Law, S., Mokshagundam, D., Ploutz, M., Raskin, et al
  2026

- **Meeting report: Expanding access to advanced cardiac therapies, including ventricular assist devices (VADs) and heart transplantation in muscular dystrophy.** *Neuromuscular disorders : NMD*
  Hollander, S. A., Rosenthal, D.
  2026; 60: 106338

- **Heart Transplantation and Ventricular Assist Device in Duchenne Muscular Dystrophy: A New Era.** *Pediatric transplantation*
  Rosenthal, D. N., Amodeo, A., Butterfield, R. J., Butts, R., Chrzanowski, S., Cripe, L., Day, J., Davies, R., Duong, T., Evers, P., Gambetta, K., Harris, R., Hayes, et al
  2026; 30 (1): e70253

- **Predictors of Response to Cardiac Resynchronization Therapy in Pediatric Patients and Patients With Congenital Heart Disease.** *Circulation. Arrhythmia and electrophysiology*
  Chubb, H., Mah, D., Shah, M., Lin, K. Y., Peng, D., Hale, B. W., May, L., Etheridge, S., Goodyer, W., Ceresnak, S. R., Motonaga, K. S., Rosenthal, D. N., Almond, et al
  2025: e013600

- **Fifty-Year Pediatric Heart Transplant Outcomes: A Pediatric-Adult Center Linked Analysis.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*
  Hollander, S. A., Hsiao, S., Varshney, A. S., Luikart, H., Raissadati, A., Bernstein, D., Ma, M., Wujcik, K., Barkoff, L., Dykes, J., Lee, D., Rosenthal, D. N.
  2025

- **Clinical Deterioration in Stage 1 and 2 Single Ventricle Patients Awaiting Heart Transplant: A Single Center Experience.** *Pediatric cardiology*
  Tolani, D., Kaufman, B., Murray, J., Dykes, J., Chen, C. Y., Nair, A., Sinha, A., Catton, K., Blinder, J., Martin, E., Ma, M., Rosenthal, D. N., Chen, et al
  2025

- **Strength Amidst Strain: Determinants of Resilience in Pediatric and Young Adult Fontan Circulatory Failure**
  Cousino, M., Batazzi, A., Yu, S., Reichle, G., Amdani, S., Bano, M., Blume, E., Bearl, D., Conway, J., Feingold, B., Ploutz, M., Deshpande, S., O'connor, et al
  LIPPINCOTT WILLIAMS & WILKINS.2025

- **Authors Insights on the Updated International Society for Heart and Lung Transplantation Guidelines for the Management of Pediatric Heart Failure (Update From 2014).** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*
  Miyamoto, S. D., Irving, C., Azeka, E., Adorisio, R., Blume, E. D., Bogle, C., Chubb, H., Conway, J., Cousino, M. K., Edelson, J., Ford, K., Holinski, P., Janousek, et al
  2025; 44 (10): 1529-1534

- **Left Ventricular Assist Device Implantation and Heart Transplantation in a Young Man With Duchenne Muscular Dystrophy.** *Pediatric transplantation*
  Hollander, S. A., Dykes, J., Dayan, J., Morales, E., Steffes, L., Klotz, J. M., Murray, J. M., Ma, M., Martin, E., Rosenthal, D. N., Kaufman, B. D.
  2025; 29 (6): e70162

- **Improving pediatric heart failure outcomes through collaboration and innovation: The current status of the Advanced Cardiac Therapies Improving Outcomes Network (ACTION).** *JHLT open*
  Wright, L. K., Peng, D. M., Spinner, J. A., Murray, J. M., O'Connor, M. J., VanderPluym, C. J., Rosenthal, D. N., Smyth, L., Lorts, A.
  2025; 9: 100311

- **Capturing Physiological Data in Children With Heart Failure Using Wearable Digital Technology: Lessons From Pilot Project.** *CJC pediatric and congenital heart disease*

Peng, D. M., Edelson, J. B., Gureddygari, H. R., Duganiero, T., Lynch, A., McQueen, M., Hillenburg, J., Hall, E. K., Smyth, L., Rosenthal, D. N., Lorts, A.

2025; 4 (4): 226-230

- **The International Society for Heart and Lung Transplantation Guidelines for the Management of Pediatric Heart Failure (Update From 2014).** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*

  Irving, C., Azeka, E., Adorisio, R., Blume, E. D., Bogle, C., Chubb, H., Conway, J., Cousino, M. K., Edelson, J., Ford, K., Holinski, P., Janousek, J., Lal, et al

  2025

- **The Impact of Fontan Circulatory Failure on Heart Transplant Survival: A 20-Center Retrospective Cohort Study.** *Circulation*

  Schumacher, K. R., Rosenthal, D. N., Batazzi, A., Yu, S., Reichle, G., Bano, M., Deshpande, S. R., O'Connor, M., Ahmed, H., Chen, S., Wright, L. K., Kindel, S. J., Joong, et al

  2025

- **Preventing Urgent Pediatric Readmissions:#The Need for and Promise of Real-Time Monitoring.** *JMIR pediatrics and parenting*

  Thapa, I., Han, B., Rosenthal, D. N., Roth, S. J., Shin, A. Y., Bambos, N., Scheinker, D.

  2025; 8: e60802

- **Multi-Institutional Outcomes of Impella Use in Pediatric Patients: A Brief Communication from the ACTION Network.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*

  Edelson, J. B., Amdani, S., Rosenthal, D. N., Kroslowitz, B., Morray, B., Law, S., Joong, A., Wilkens, S., Peng, D. M., Ploutz, M., Murray, J., Lantz, J., Esch, et al

  2025

- **Bridging gaps in pediatric device development: The power of ACTION - a collaborative learning network.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*

  Mokshagundam, D., Rosenthal, D. N., Smyth, L., Lorts, A.

  2025; 44 (4): 541-544

- **Decisions Using Intra-Operative Gross Assessment of Fontan-Associated Liver Disease: Implications for Heart-Only Transplantation** *PEDIATRIC TRANSPLANTATION*

  Rivera, D., Zhang, K., Ebel, N., Bensen, R., Martin, E., Ma, M., Esquivel, C. O., Navaratnam, M., Hollander, S. A., Rosenthal, D. N., Chen, S.

  2025; 29 (1)

- **Decisions Using Intra-Operative Gross Assessment of Fontan-Associated Liver Disease: Implications for Heart-Only Transplantation.** *Pediatric transplantation*

  Torpoco Rivera, D. M., Zhang, K. Y., Ebel, N., Bensen, R., Martin, E., Ma, M., Esquivel, C. O., Navaratnam, M., Hollander, S. A., Rosenthal, D. N., Chen, S.

  2025; 29 (1): e70036

- **The ACTION VAD Registry: A Collective Five-Year Experience.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*

  Edelson, J. B., Raskin, A., Absi, M., Adachi, I., Aljohani, O., Alzubi, A., Amdani, S., Asante-Korang, A., Auerbach, S., Bansal, N., Bearl, D., Boucek, K., Butto, et al

  2025

- **Long#Distance Heart Transplantation With Ex Vivo Preservation Systems in a Pediatric Center: An Early Case Series** *Pediatric Transplantation*

  Choi, P. S., Pong, S., Hochstein, J., Ruaengsri, C., Shibata, M., Sharir, A., Nasirov, T., Dykes, J., Hollander, S. A., Rosenthal, D. N., Martin, E., Ma, M. R.

  2025

- **Outcomes for Children With Congenital Heart Disease Undergoing Ventricular Assist Device Implantation: An ACTION Registry Analysis.** *Journal of the American College of Cardiology*

  Amdani, S., Shezad, M. F., Kroslowitz, B., Townsend, M., Joong, A., Najm, H., Marino, B. S., Rosenthal, D. N., Lorts, A., O'Connor, M. J.

  2024

- **PROMIS fatigue scores are moderately correlated with heart failure severity in pediatrics.** *JHLT open*

  May, L. J., Stehlik, J., Ou, Z., Lambert, L. M., Chen, C. Y., Rosenthal, D. N., Machado, D. S., Lopez-Colon, D., Shih, R., Gibbons, T., Madden, B., Watanabe, K., Presson, et al

  2024; 6: 100144

- **ACTION-ARC Pediatric and Adult Congenital Heart Disease Ventricular Assist Device Adverse Event Definitions-2023.** *ASAIO journal (American Society for Artificial Internal Organs : 1992)*
  Lorts, A., VanderPluym, C., Adachi, I., Perry, T., Alexander, P. M., Almond, C. S., Auerbach, S. R., Barbaro, R. P., Bhavsar, S., Bourque, K., Conway, J., Danziger-Isakov, L. A., Davies, et al
  2024

- **Pediatric Combined Heart-liver Transplantation: A Single-center Long-term Experience.** *Transplantation direct*
  Levitte, S., Nilkant, R., Chen, S., Beadles, A., Lee, J., Bonham, C. A., Rosenthal, D., Gallo, A., Hollander, S., Esquivel, C., Ma, M., Zhang, K. Y.
  2024; 10 (9): e1696

- **Development and Validation of a Novel Pediatric Mechanical Circulatory Support Risk Stratification Tool: The Advanced Cardiac Therapies Improving Outcomes Network (ACTION) Ventricular Assist Device Score.** *ASAIO journal (American Society for Artificial Internal Organs : 1992)*
  Bonilla-Ramirez, C., Lorts, A., Spinner, J. A., Wright, L., Niebler, R. A., Peng, D. M., Davies, R. R., Rosenthal, D. N., O'Connor, M. J.
  2024

- **Contemporary Pediatric Heart Transplant Waitlist Mortality.** *Journal of the American College of Cardiology*
  Power, A., Sweat, K. R., Roth, A., Dykes, J. C., Kaufman, B., Ma, M., Chen, S., Hollander, S. A., Profita, E., Rosenthal, D. N., Barkoff, L., Chen, C. Y., Davies, et al
  2024; 84 (7): 620-632

- **A Comprehensive, Multi-Faceted Strategy to Increase Pediatric Donor Heart Utilization.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*
  Hollander, S. A., Chen, S., Dykes, J., Kaufman, B. D., Lee, E., Wujcik, K., Profita, E., Schmidt, J., Rosenthal, D. N.
  2024

- **Mechanical Ventilation and Outcomes of Children Who Undergo Ventricular Assist Device Placement: 2014-2020 Linked Analysis From the Advanced Cardiac Therapies Improving Outcomes Network and Pediatric Cardiac Critical Care Consortium Registries.** *Pediatric critical care medicine : a journal of the Society of Critical Care Medicine and the World Federation of Pediatric Intensive and Critical Care Societies*
  Perry, T., Rosenthal, D. N., Lorts, A., Zafar, F., Zhang, W., VanderPluym, C., Dewitt, A. G., Reichle, G., Banerjee, M., Schumacher, K. R.
  2024

- **Cardiac transplantation in pediatric patients with inborn errors of metabolism: Outcomes from a single center**
  Null, E., Tolani, D., Rosenthal, D. N., Enns, G. M.
  ACADEMIC PRESS INC ELSEVIER SCIENCE.2024

- **Achieving consensus, severity-graded definitions of Fontan-associated complications to characterize Fontan circulatory failure.** *Journal of cardiac failure*
  Schumacher, K. R., Cedars, A., Allen, K., Goldberg, D., Batazzi, A., Reichle, G., DiPaola, F., Selewski, D., Cousino, M., Rosenthal, D. N.
  2024

- **Multicenter Study of Survival Benefit of Cardiac Resynchronization Therapy in Pediatric and Congenital Heart Disease.** *JACC. Clinical electrophysiology*
  Chubb, H., Mah, D. Y., Shah, M., Lin, K. Y., Peng, D. M., Hale, B. W., May, L., Etheridge, S., Goodyer, W., Ceresnak, S. R., Motonaga, K. S., Rosenthal, D. N., Almond, et al
  2023

- **Reducing donor acceptance practice variation - Learnings from a discussion forum.** *Pediatric transplantation*
  Bansal, N., Jeewa, A., Watanabe, K., Richmond, M. E., Alzubi, A., D'Souza, N., Bano, M., Lorts, A., Rosenthal, D. N., Taylor, K., O'Shea, C., Smyth, L., Koehl, et al
  2023: e14635

- **Differences in Quality of Life in Children Across the Spectrum of Congenital Heart Disease.** *The Journal of pediatrics*
  O'Connor, A. M., Cassedy, A., Wray, J., Brown, K. L., Cohen, M., Franklin, R. C., Gaynor, J. W., MacGloin, H., Mahony, L., Mussatto, K., Newburger, J. W., Rosenthal, D. N., Teitel, et al
  2023: 113701

- **The Widening Care Gap in VAD Therapy.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*
  Conway, J., Amdani, S., Morales, D., Lorts, A., Rosenthal, D. N., Jacobs, J., Rossano, J., Koehl, D., Kirklin, J. K., Auerbach, S. R.
  2023

- **Pulmonary Vasodilator Therapy in Pediatric Patients on Ventricular Assist Device Support: A Single-Center Experience and Proposal for Use.** *ASAIO journal (American Society for Artificial Internal Organs : 1992)*
  Schramm, J. E., Dykes, J. C., Hopper, R. K., Feinstein, J. A., Rosenthal, D. N., Kameny, R. J.
  2023
- **Successful implementation of telehealth visits in the paediatric heart failure and heart transplant population.** *Cardiology in the young*
  Bansal, N., D'Souza, N., Wisotzkey, B. L., Albers, E., Shih, R., Exil, V., McQueen, M., Hillenburg, J. P., Azeka, E., Law, S., Peng, D. M., O'Connor, M., Gajarski, et al
  2023: 1-4
- **An integrated program to expand donor utilization in pediatric heart transplantation: Case report of successful transplant with multiple donor risk factors.** *Pediatric transplantation*
  Torpoco Rivera, D. M., Hollander, S. A., Almond, C., Profita, E., Dykes, J. C., Raissadati, A., Lee, J., Sacks, L. D., Kleiman, Z. I., Lee, E., Rosenthal, A., Rosenthal, D. N., Nasirov, et al
  2023: e14584
- **Major Adverse Dystrophinopathy Events (MADE) Score as Marker of Cumulative Morbidity and Risk for Mortality in Boys with Duchenne Muscular Dystrophy.** *Progress in pediatric cardiology*
  Kaufman, B. D., Garcia, A., He, Z., Tesi-Rocha, C., Buu, M., Rosenthal, D., Gordish-Dressman, H., Almond, C. S., Duong, T.
  2023; 69
- **Taking ACTION: A Prognostic Tool for Pediatric Ventricular Assist Device Mortality.** *ASAIO journal (American Society for Artificial Internal Organs : 1992)*
  Boucek, K., Alzubi, A., Zafar, F., O'Connor, M. J., Mehegan, M., Mokshagundam, D., Davies, R. R., Adachi, I., Lorts, A., Rosenthal, D. N.
  2023; 69 (6): 602-609
- **Major Adverse Dystrophinopathy Events (MADE) score as marker of cumulative morbidity and risk for mortality in boys with Duchenne muscular dystrophy** *PROGRESS IN PEDIATRIC CARDIOLOGY*
  Kaufman, B. D., Garcia, A., He, Z., Tesi-Rocha, C., Buu, M., Rosenthal, D., Gordish-Dressman, H., Almond, C. S., Duong, T., CINRG DUCHENNE NAT HIST STUDY
  2023; 69
- **Vigorous Exercise in Patients With Hypertrophic Cardiomyopathy.** *JAMA cardiology*
  Lampert, R., Ackerman, M. J., Marino, B. S., Burg, M., Ainsworth, B., Salberg, L., Tome Esteban, M. T., Ho, C. Y., Abraham, R., Balaji, S., Barth, C., Berul, C. I., Bos, et al
  2023
- **Impact of Weight on Ventricular Assist Device Outcomes in Dilated Cardiomyopathy Patients in Pediatric Centers: An ACTION Registry Study.** *ASAIO journal (American Society for Artificial Internal Organs : 1992)*
  Kwiatkowski, D. M., Shezad, M., Barnes, A. P., Ploutz, M. S., Law, S. P., Zafar, F., Morales, D. L., O'Connor, M. J.
  2023
- **Multidisciplinary Stroke Pathway for Children Supported with Ventricular Assist Devices.** *ASAIO journal (American Society for Artificial Internal Organs : 1992)*
  Lee, S., Ryan, K. R., Murray, J., Chen, S., Grant, G. A., Wilkins, S., Yarlagadda, V. V., Wintermark, M., Dodd, R., Rosenthal, D., Teuteburg, J., Navaratnam, M., Lee, et al
  2023
- **Considerations for Advanced Heart Failure Consultation in Individuals With Fontan Circulation: Recommendations From ACTION.** *Circulation. Heart failure*
  Lubert, A. M., Cedars, A., Almond, C. S., Amdani, S., Conway, J., Friedland-Little, J. M., Gajarski, R. J., Kindel, S. J., Lorts, A., Morales, D. L., O'Connor, M. J., Peng, D. M., Rosenthal, et al
  2023: e010123
- **Patient and parent-reported outcomes in paediatric ventricular assist device support: a multi-center ACTION learning network feasibility and pilot experience.** *Cardiology in the young*
  Cousino, M. K., May, L. J., Smyth, L., McQueen, M., Thompson, K., Hunter, T., Ventresco, C., Fields, K., Murray, J., Machado, D. S., Shezad, M., Zafar, F., Rosenthal, et al
  2023: 1-9
- **Clinical approach to mechanical circulatory support in the transplant patient from the Pediatric Heart Transplant Society.** *Pediatric transplantation*

Bearl, D. W., Jeewa, A., Auerbach, S. R., Azeka, E., Phelps, C., Sacks, L. D., Rosenthal, D., Conway, J.
2022; 26 (8): e14391

- **Home Milrinone in Pediatric Hospice Care of Children with Heart Failure.** *Journal of pain and symptom management*
  Hollander, S. A., Wujcik, K., Schmidt, J., Liu, E., Lin, A., Dykes, J., Good, J., Brown, M., Rosenthal, D.
  2022

- **A Platform for the Personalized Management of Diabetes and Cardiovascular Disease at Population Scale With Data From Multiple Sensors**
  Senanayake, R., Ferstad, J. O., Thapa, I., Giammarino, F., Vasu, M., Zaharieva, D., Prahalad, P., Maahs, D. M., Rosenthal, D. N., Rodriguez, F., Bambos, N., Miller, D., Shin, et al
  LIPPINCOTT WILLIAMS & WILKINS.2022

- **Increased risk of infections in pediatric Fontan patients after heart transplantation.** *Pediatric transplantation*
  Ahmed, H., Lee, J., Bernstein, D., Rosenthal, D., Dykes, J., Lee, D., Barkoff, L., Weinberg, K., Hollander, S. A., Chen, S.
  2022: e14421

- **Evaluating predicted heart mass in adolescent heart transplantation.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*
  Lee, J. Y., Zawadzki, R. S., Kidambi, S., Rosenthal, D. N., Dykes, J. C., Nasirov, T., Ma, M.
  2022

- **Weight Matching in Infant Heart Transplantation: A National Registry Analysis.** *The Annals of thoracic surgery*
  Lee, J. Y., Kidambi, S., Zawadzki, R. S., Rosenthal, D. N., Dykes, J. C., Nasirov, T., Ma, M.
  2022

- **Global best practices consensus: Long-term management ofpatients with hybrid centrifugal flow left ventricular assist device support.** *The Journal of thoracic and cardiovascular surgery*
  Hayward, C., Adachi, I., Baudart, S., Davis, E., Feller, E. D., Kinugawa, K., Klein, L., Li, S., Lorts, A., Mahr, C., Mathew, J., Morshuis, M., Muller, et al
  2022

- **MILESTONE: More Than 1,200 Children Bridged to Heart Transplantation with Mechanical Circulatory Support.** *ASAIO journal (American Society for Artificial Internal Organs : 1992)*
  Thangappan, K., Zafar, F., Lorts, A., Adachi, I., Rosenthal, D., Rossano, J., Maeda, K., Morales, D. L.
  2022; 68 (4): 577-583

- **Decreased Risk of Strokes in Children with Ventricular Assist Devices Within ACTION.** *Pediatric cardiology*
  Peng, D. M., Shezad, M. F., Lorts, A., Gajarski, R. J., VanderPluym, C., Murray, J. M., Hawkins, B., Villa, C. R., Zafar, F., Rosenthal, D. N., ACTION
  2022

- **A Mechanistic Lumped Parameter Model of the Berlin Heart EXCOR to Analyze Device Performance and Physiologic Interactions.** *Cardiovascular engineering and technology*
  Yuan, V., Verma, A., Schiavone, N. K., Rosenthal, D. N., Marsden, A. L.
  2022

- **Significant Variation in Exercise Recommendations for Youth With Cardiomyopathies or Fontan Circulation: An Advanced Cardiac Therapies Improving Outcomes Network Learning Survey.** *Circulation. Heart failure*
  Khoury, M., Wittekind, S., Lal, A. K., Conway, J., Bansal, N., Lorts, A., Rosenthal, D., Burstein, D.
  2021: CIRCHEARTFAILURE121008738

- **Variation in Cardiac Rehabilitation for Pediatric Ventricular Assist Device Recipients Across North America** *ASAIO JOURNAL*
  Burstein, D. S., McBride, M., Lorts, A., Rosenthal, D., Peng, D. M., Lantz, J., Tunuguntla, H., Zinn, M., Curran, T., Wittekind, S.
  2021; 67 (9): 1045-1050

- **Significance of pre and post-implant MELD-XI score on survival in children undergoing VAD implantation.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*
  Amdani, S., Boyle, G. J., Cantor, R. S., Conway, J., Godown, J., Kirklin, J. K., Koehl, D., Lal, A. K., Law, Y., Lorts, A., Rosenthal, D. N.
  2021

- **The darker side of device evolution: Children get left behind.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*

Hollander, S. A., Rosenthal, D. N., Lorts, A., ACTION Network
2021

- **Clinical and hemodynamic characteristics of the pediatric failing Fontan.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*
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