Stanford



Christopher Almond

Professor of Pediatrics (Cardiology)

Pediatrics - Cardiology

CLINICAL OFFICE (PRIMARY)

- **LPCH Heart Center**

  725 Welch Rd Ste 120

  Palo Alto, CA 94304

  Tel (650) 721-2121 **Fax** (408) 330-6608

Bio

BIO

Christopher Almond, MD, MPH is Professor of Pediatrics in the Division of Cardiology at the Stanford University School of Medicine where he is a board-certified pediatric cardiologist at Stanford's Lucile Packard Children's Hospital in Palo Alto, CA. His clinical and research interests are focused on pediatric heart failure, mechanical circulatory support, heart transplantation, and anticoagulation. He completed his training in pediatrics, cardiology, and a senior fellowship in heart failure/transplant at Boston Children's Hospital before before appointment as Assistant Professor of Pediatrics at Harvard Medical School/Boston Children’s Hospital. Dr. Almond completed his MPH at the Harvard School of Public Health with a focus on statistics and epidemiology (study design for rare diseases) followed by a Medical Device Fellowship at the FDA in the Division of Cardiovascular Devices at CDRH. Dr. Almond moved to Stanford in 2014 where he currently serves as professor of pediatrics and directs the clinical research program within Pediatric Advanced Cardiac Therapies (PACT) Program. He also serves as Medical Director of the Children’s Heart Center Anticoagulation Management Program at Stanford (CHAMPS). Dr. Almond has a passion for collaborative research serving as PI for federally-funded multi-center clinical trials including the Berlin Heart ventricular assist device (VAD) FDA Trial that led to its FDA approval in 2011, the TEAMMATE (everolimus for heart transplant) Trial, the TROLLEY (Cardiohelp ECMO/anticoagulation RCT in heart failure) Trial, the NHLBI PumpKIN (Jarvik 2015 LVAD) Trial, and the SPOT BIAS Trial, an FDA-funded trial to understand racial/pigment bias in commercial pulse oximeters.

CLINICAL FOCUS

- Heart Failure
- Ventricular Assist Device
- Anticoagulation
- Heart transplantation
- Advanced Heart Failure and Transplant Cardiology

ACADEMIC APPOINTMENTS

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

PROFESSIONAL EDUCATION

- Board Certification: Pediatric Cardiology, American Board of Pediatrics (2026)
- Fellowship: Boston Childrens Hospital Pediatric Cardiology Fellowship (2006) MA
- Fellowship: Boston Childrens Hospital Pediatric Cardiology Fellowship (2005) MA
- Residency: Children's Hospital Boston Medical Center Pediatric Residency (2002) MA

Research & Scholarship

CLINICAL TRIALS

- Evaluating Pulse Oximetry Bias in Children With Darker Skin Pigmentation, Recruiting
- Apixaban for the Acute Treatment of Venous Thromboembolism in Children, Not Recruiting
- Phase 1 Pediatric Pharmacokinetics/Pharmacodynamics (PK/PD) Study, Not Recruiting
- Tacrolimus/Everolimus vs. Tacrolimus/MMF in Pediatric Heart Transplant Recipients Using the MATE Score, Not Recruiting

Publications

PUBLICATIONS

- **Everolimus and Low-Dose Tacrolimus After Heart Transplant in Children: A Randomized Clinical Trial.** *JAMA*
  Almond, C. S., Daly, K. P., Albers, E. L., Alejos, J. C., Ameduri, R., Auerbach, S. R., Barkoff, L., Barnes, A. P., Bock, M. J., Butto, A., Carlo, W. F., Castleberry, C. D., Chrisant, et al
  2025

- **Impact of Heart Transplantation on the Functional Status of US Children With End-Stage Heart Failure.** *Circulation*
  Peng, D. M., Zhang, Y., Rosenthal, D. N., Palmon, M., Chen, S., Kaufman, B. D., Maeda, K., Hollander, S. A., McDonald, N., Smoot, L. B., Bernstein, D., Almond, C. S.
  2017; 135 (10): 939-950

- **Haemodynamic profiles of children with end-stage heart failure.** *European heart journal*
  Chen, S. n., Dykes, J. C., McElhinney, D. B., Gajarski, R. J., Shin, A. Y., Hollander, S. A., Everitt, M. E., Price, J. F., Thiagarajan, R. R., Kindel, S. J., Rossano, J. W., Kaufman, B. D., May, et al
  2017; 38 (38): 2900–2909

- **Temporary Circulatory Support in U.S. Children Awaiting Heart Transplantation.** *Journal of the American College of Cardiology*
  Yarlagadda, V. V., Maeda, K. n., Zhang, Y. n., Chen, S. n., Dykes, J. C., Gowen, M. A., Shuttleworth, P. n., Murray, J. M., Shin, A. Y., Reinhartz, O. n., Rosenthal, D. N., McElhinney, D. B., Almond, et al
  2017; 70 (18): 2250–60

- **Berlin Heart EXCOR Pediatric Ventricular Assist Device for Bridge to Heart Transplantation in US Children** *CIRCULATION*
  Almond, C. S., Morales, D. L., Blackstone, E. H., Turrentine, M. W., Imamura, M., Massicotte, M. P., Jordan, L. C., Devaney, E. J., Ravishankar, C., Kanter, K. R., Holman, W., Kroslowitz, R., Tjossem, et al
  2013; 127 (16): 1702-?

- **Prospective Trial of a Pediatric Ventricular Assist Device** *NEW ENGLAND JOURNAL OF MEDICINE*
  Fraser, C. D., Jaquiss, R. D., Rosenthal, D. N., Humpl, T., Canter, C. E., Blackstone, E. H., Naftel, D. C., Ichord, R. N., Bomgaars, L., Tweddell, J. S., Massicotte, M. P., Turrentine, M. W., Cohen, et al
  2012; 367 (6): 532-541

- **Extracorporeal Membrane Oxygenation for Bridge to Heart Transplantation Among Children in the United States Analysis of Data From the Organ Procurement and Transplant Network and Extracorporeal Life Support Organization Registry** *CIRCULATION*
  Almond, C. S., Singh, T. P., Gauvreau, K., Piercey, G. E., Fynn-Thompson, F., Rycus, P. T., Bartlett, R. H., Thiagarajan, R. R.
  2011; 123 (25): 2975-2984

- **Impact of ABO-Incompatible Listing on Wait-List Outcomes Among Infants Listed for Heart Transplantation in the United States A Propensity Analysis** *CIRCULATION*
  Almond, C. S., Gauvreau, K., Thiagarajan, R. R., Piercey, G. E., Blume, E. D., Smoot, L. B., Fynn-Thompson, F., Singh, T. P.

2010; 121 (17): 1926-1933

- **Waiting List Mortality Among Children Listed for Heart Transplantation in the United States** *CIRCULATION*
  Almond, C. S., Thiagarajan, R. R., Piercey, G. E., Gauvreau, K., Blume, E. D., Bastardi, H. J., Fynn-Thompson, F., Singh, T. P.
  2009; 119 (5): 717-727

- **Hyponatremia among runners in the Boston Marathon** *NEW ENGLAND JOURNAL OF MEDICINE*
  Almond, C. S., Shin, A. Y., Fortescue, E. B., Mannix, R. C., Wypij, D., Binstadt, B. A., Duncan, C. N., Olson, D. P., Salerno, A. E., Newburger, J. W., Greenes, D. S.
  2005; 352 (15): 1550-1556

- **Management of a Pediatric Patient With a Left Ventricular Assist Device and Symptomatic Acquired von Willebrand Syndrome Presenting for Orthotopic Heart Transplant.** *Seminars in cardiothoracic and vascular anesthesia*
  Flannery, K. M., Kamra, K., Maeda, K., Shuttleworth, P., Almond, C., Navaratnam, M.
  2020: 1089253220949386

- **Getting the OK to Import Zero K MVI: Maintaining TTR in an Infant with SBS.** *Digestive diseases and sciences*
  Huang, A., Lee, K., Chan, M., Mak, K., Nishioka, F., Gilbaugh, A., Laguit, K., Nespor, C., Almond, C., Kerner, J.
  2020

- **Donor heart selection during the COVID-19 pandemic: A case study** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
  Chen, C., Chen, S. F., Hollander, S. A., Rosenthal, D., Maeda, K., Burgart, A., Almond, C. S., Chen, S.
  2020; 39 (5): 497–98

- **RAPID AORTIC HOMOGRAFT DEGENERATION AND VAD SUPPORT IN A NEONATE WITH SINGLE VENTRICLE HEART DISEASE**
  Ahmed, H., Chen, S., Yarlagadda, V., Almond, C., Murray, J., Rosenthal, D. N., Ma, M., Dykes, J., Maeda, K.
  ELSEVIER SCIENCE INC.2020: 2865

- **RECENT TRENDS IN RIGHT HEART MECHANICAL SUPPORT STRATEGIES IN CHILDREN REQUIRING LVAD SUPPORT**
  Dykes, J., Ahmed, H., Power, A., Murray, J., Chen, C., Chen, S., Rosenthal, D. N., Maeda, K., Almond, C.
  ELSEVIER SCIENCE INC.2020: 1052

- **Impact of Cardiac Resynchronization Therapy on Heart Transplant-Free Survival in Pediatric and Congenital Heart Disease Patients.** *Circulation. Arrhythmia and electrophysiology*
  Chubb, H., Rosenthal, D. N., Almond, C. S., Ceresnak, S. R., Motonaga, K. S., Arunamata, A. A., Long, J., Trela, A. V., Hanisch, D., McElhinney, D. B., Dubin, A. M.
  2020

- **A Predictive Model for Intracardiac Pressures in Patients Free from Rejection or Allograft Vasculopathy After Pediatric Heart Transplantation.** *Transplantation*
  Mills, M. F., Long, J., Qin, F., Collins, R. T., Rosenthal, D. N., Almond, C. S., Hollander, S. A.
  2020

- **Bridge to Transplant with Ventricular Assist Device Support in Pediatric Patients with Single Ventricle Heart Disease** *ASAIO JOURNAL*
  Chen, S., Rosenthal, D. N., Murray, J., Dykes, J. C., Almond, C. S., Yarlagadda, V. V., Wright, G., Navaratnam, M., Reinhartz, O., Maeda, K.
  2020; 66 (2): 205–11

- **The Creation of a Pediatric Health Care Learning Network: The ACTION Quality Improvement Collaborative.** *ASAIO journal (American Society for Artificial Internal Organs : 1992)*
  Lorts, A. n., Smyth, L. n., Gajarski, R. J., VanderPluym, C. J., Mehegan, M. n., Villa, C. R., Murray, J. M., Niebler, R. A., Almond, C. S., Thrush, P. n., O'Connor, M. J., Conway, J. n., Sutcliffe, et al
  2020; 66 (4): 441–46

- **Donor heart selection during the COVID-19 pandemic: A case study.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*
  Chen, C. Y., Chen, S. F., Hollander, S. A., Rosenthal, D. n., Maeda, K. n., Burgart, A. n., Almond, C. S., Chen, S. n.
  2020; 39 (5): 497–98

- **Growth stunting in single ventricle patients after heart transplantation.** *Pediatric transplantation*
  Power, A., Schultz, L., Dennis, K., Rizzuto, S., Hollander, A. M., Rosenthal, D. N., Almond, C. S., Hollander, S. A.
  2019: e13634

- **First human implantation of a miniaturized axial flow ventricular assist device in a child with end-stage heart failure.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*
  Amodeo, A., Filippelli, S., Perri, G., Iacobelli, R., Adorisio, R., Iodice, F., Rizza, A., Massicotte, M. P., Baldwin, J. T., Almond, C. S.
  2019

- **Usefulness of anti-platelet therapy testing in children supported with a ventricular assist device** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
  May, L. J., Liu, X., Tesoro, T., Yang, J., Lo, C., Chen, S., Murray, J., Rosenthal, D. N., Massicotte, P., Michelson, A. D., Almond, C. S.
  2019; 38 (7): 781–83

- **Vasoplegia after pediatric cardiac transplantation in patients supported with a continuous flow ventricular assist device** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
  Sacks, L. D., Hollander, S. A., Zhang, Y., Ryan, K. R., Ford, M. A., Maeda, K., Murray, J. M., Almond, C. S., Kwiatkowski, D. M.
  2019; 157 (6): 2433–40

- **A Quality Bundle to Support High-Risk Pediatric Ventricular Assist Device Implantation.** *Pediatric cardiology*
  Knoll, C., Chen, S., Murray, J. M., Dykes, J. C., Yarlagadda, V. V., Rosenthal, D. N., Almond, C. S., Maeda, K., Shin, A. Y.
  2019

- **Outcomes After Infections in Adolescents and Young Adults with Continuous-Flow Left Ventricular Assist Devices** *ASAIO JOURNAL*
  Chen, S., Cantor, R. S., Auerbach, S., Schumacher, K., Almond, C. S., Eghtesady, P., Alejos, J., Das, B. B., Hong, B. J., Jaquiss, R. D. B., Kirklin, J. K., Jeewa, A.
  2019; 65 (4): 380–88

- **Growth stunting persists in single ventricle patients after heart transplantation even when nutritional weight gain is achieved**
  Power, A., Schultz, L., Dennis, K., Rizzuto, S., Hollander, A. M., Rosenthal, D. N., Almond, C. S., Hollander, S. A.
  WILEY.2019

- **Compassionate deactivation of ventricular assist devices in children: A survey of pediatric ventricular assist device clinicians' perspectives and practices** *PEDIATRIC TRANSPLANTATION*
  Kaufman, B. D., Hollander, S. A., Zhang, Y., Chen, S., Bernstein, D., Rosenthal, D. N., Almond, C. S., Murray, J. M., Burgart, A. M., Cohen, H. J., Kirkpatrick, J. N., Blume, E. D.
  2019; 23 (3)

- **Usefulness of anti-platelet therapy testing in children supported with a ventricular assist device.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*
  May, L. J., Liu, X., Tesoro, T., Yang, J., Lo, C., Chen, S., Murray, J., Rosenthal, D. N., Michelson, A. D., Almond, C. S.
  2019

- **Bridge to Transplant with Ventricular Assist Device Support in Pediatric Patients with Single Ventricle Heart Disease.** *ASAIO journal (American Society for Artificial Internal Organs : 1992)*
  Chen, S., Rosenthal, D. N., Murray, J., Dykes, J. C., Almond, C. S., Yarlagadda, V. V., Wright, G., Navaratnam, M., Reinhartz, O., Maeda, K.
  2019

- **Compassionate deactivation of ventricular assist devices in children: A survey of pediatric ventricular assist device clinicians' perspectives and practices.** *Pediatric transplantation*
  Kaufman, B. D., Hollander, S. A., Zhang, Y., Chen, S., Bernstein, D., Rosenthal, D. N., Almond, C. S., Murray, J. M., Burgart, A. M., Cohen, H. J., Kirkpatrick, J. N., Blume, E. D.
  2019: e13359

- **Vasoplegia after pediatric cardiac transplantation in patients supported with a continuous flow ventricular assist device.** *The Journal of thoracic and cardiovascular surgery*
  Sacks, L. D., Hollander, S. A., Zhang, Y., Ryan, K. R., Ford, M. A., Maeda, K., Murray, J. M., Almond, C. S., Kwiatkowski, D. M.
  2019

- **Impact of ventricular assist device implantation on the nutritional status of children awaiting heart transplantation.** *Pediatric transplantation*
  Hollander, S. A., Schultz, L. M., Dennis, K., Hollander, A. M., Rizzuto, S., Murray, J. M., Rosenthal, D. N., Almond, C. S.
  2019: e13351

- **Significant mortality, morbidity and resource utilization associated with advanced heart failure in congenital heart disease in children and young adults.** *American heart journal*

Burstein, D. S., Shamszad, P., Dai, D., Almond, C. S., Price, J. F., Lin, K. Y., O'Connor, M. J., Shaddy, R. E., Mascio, C. E., Rossano, J. W.
2018; 209: 9–19

- **Long-term surveillance biopsy: Is it necessary after pediatric heart transplant?** *Pediatric transplantation*
  Peng, D. M., Ding, V. Y., Hollander, S. A., Khalapyan, T., Dykes, J. C., Rosenthal, D. N., Almond, C. S., Sakarovitch, C., Desai, M., McElhinney, D. B.
  2018: e13330

- **Pathological antibody-mediated rejection in pediatric heart transplant recipients: Immunologic risk factors, hemodynamic significance, and outcomes.** *Pediatric transplantation*
  Hollander, S. A., Peng, D. M., Mills, M., Berry, G. J., Fedrigo, M., McElhinney, D. B., Almond, C. S., Rosenthal, D. N.
  2018: e13197

- **Characteristics of deposits and pump exchange in the Berlin Heart EXCOR ventricular assist device: Experience with 67 cases.** *Pediatric transplantation*
  Maeda, K., Almond, C., Hollander, S. A., Rosenthal, D. N., Kaufman, B., Gowen, M. M., Murray, J., Shuttleworth, P., Reinhartz, O.
  2018: e13181

- **QUALITY OF INR CONTROL IN A CENTRALIZED PHARMACIST-LED PEDIATRIC CARDIOLOGY WARFARIN MANAGEMENT PROGRAM**
  Lee, J., Murray, J., Wilkens, S., Zhang, Y., Nishioka, F., Rosenthal, D., Roth, S., Murphy, D., McElhinney, D., Almond, C.
  ELSEVIER SCIENCE INC.2018: 609

- **Outcomes After Infections in Adolescents and Young Adults with Continuous-Flow Left Ventricular Assist Devices.** *ASAIO journal (American Society for Artificial Internal Organs : 1992)*
  Chen, S. n., Cantor, R. S., Auerbach, S. n., Schumacher, K. n., Almond, C. S., Eghtesady, P. n., Alejos, J. n., Das, B. B., Hong, B. J., Jaquiss, R. n., Kirklin, J. K., Jeewa, A. n.
  2018

- **The Evolution of a Pediatric Ventricular Assist Device Program: The Boston Children's Hospital Experience.** *Pediatric cardiology*
  Hawkins, B., Fynn-Thompson, F., Daly, K. P., Corf, M., Blume, E., Connor, J., Porter, C., Almond, C., Vanderpluym, C.
  2017; 38 (5): 1032-1041

- **Safety and Efficacy of Warfarin Therapy in Kawasaki Disease.** *journal of pediatrics*
  Baker, A. L., Vanderpluym, C., Gauvreau, K. A., Fulton, D. R., de Ferranti, S. D., Friedman, K. G., Murray, J. M., Brown, L. D., Almond, C. S., Evans-Langhorst, M., Newburger, J. W.
  2017

- **Development and validation of a major adverse transplant event (MATE) score to predict late graft loss in pediatric heart transplantation.** *journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*
  Almond, C. S., Hoen, H., Rossano, J. W., Castleberry, C., Auerbach, S. R., Yang, L., Lal, A. K., Everitt, M. D., Fenton, M., Hollander, S. A., Pahl, E., Pruitt, E., Rosenthal, et al
  2017

- **A multicenter study of the impella device for mechanical support of the systemic circulation in pediatric and adolescent patients.** *Catheterization and cardiovascular interventions : official journal of the Society for Cardiac Angiography & Interventions*
  Dimas, V. V., Morray, B. H., Kim, D. W., Almond, C. S., Shahanavaz, S., Tume, S. C., Peng, L. F., McElhinney, D. B., Justino, H.
  2017

- **Pediatric Heart Donor Assessment Tool (PH-DAT): A novel donor risk scoring system to predict 1-year mortality in pediatric heart transplantation.** *journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*
  Zafar, F., Jaquiss, R. D., Almond, C. S., Lorts, A., Chin, C., Rizwan, R., Bryant, R., Tweddell, J. S., Morales, D. L.
  2017

- **Functional status of United States children supported with a left ventricular assist device at heart transplantation.** *journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*
  Bulic, A., Maeda, K., Zhang, Y., Chen, S., McElhinney, D. B., Dykes, J. C., Hollander, A. M., Hollander, S. A., Murray, J., Reinhartz, O., Gowan, M. A., Rosenthal, D. N., Almond, et al
  2017

- **Long-term pediatric ventricular assist device therapy: a case report of 2100+ days of support.** *ASAIO journal*
  Purkey, N. J., Lin, A., Murray, J. M., Gowen, M., Shuttleworth, P., Maeda, K., Almond, C. S., Rosenthal, D. N., Chen, S.
  2017

- **Berlin Heart EXCOR use in patients with congenital heart disease.** *journal of heart and lung transplantation*
  Morales, D. L., Zafar, F., Almond, C. S., Canter, C., Fynn-Thompson, F., Conway, J., Adachi, I., Lorts, A.
  2017
- **Rehospitalization after pediatric heart transplantation: Incidence, indications, and outcomes.** *Pediatric transplantation*
  Hollander, S. A., McElhinney, D. B., Almond, C. S., McDonald, N., Chen, S., Kaufman, B. D., Bernstein, D., Rosenthal, D. N.
  2017; 21 (1)
- **Closing in on the PumpKIN Trial of the Jarvik 2015 Ventricular Assist Device.** *Seminars in thoracic and cardiovascular surgery. Pediatric cardiac surgery annual*
  Baldwin, J. T., Adachi, I., Teal, J., Almond, C. A., Jaquiss, R. D., Massicotte, M. P., Dasse, K., Siami, F. S., Zak, V., Kaltman, J. R., Mahle, W. T., Jarvik, R.
  2017; 20: 9-15
- **Clinical practice patterns are relatively uniform between pediatric heart transplant centers: A survey-based assessment.** *Pediatric transplantation*
  Castleberry, C. n., Ziniel, S. n., Almond, C. n., Auerbach, S. n., Hollander, S. A., Lal, A. K., Fenton, M. n., Pahl, E. n., Rossano, J. W., Everitt, M. D., Daly, K. P.
  2017
- **Impact of the 18th birthday on waitlist outcomes among young adults listed for heart transplant: A regression discontinuity analysis.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*
  Peng, D. M., Qu, Q. n., McDonald, N. n., Hollander, S. A., Bernstein, D. n., Maeda, K. n., Kaufman, B. D., Rosenthal, D. N., McElhinney, D. B., Almond, C. S.
  2017; 36 (11): 1185–91
- **Fluid overload independent of acute kidney injury predicts poor outcomes in neonates following congenital heart surgery.** *Pediatric nephrology (Berlin, Germany)*
  Mah, K. E., Hao, S. n., Sutherland, S. M., Kwiatkowski, D. M., Axelrod, D. M., Almond, C. S., Krawczeski, C. D., Shin, A. Y.
  2017
- **Impact of a modified anti-thrombotic guideline on stroke in children supported with a pediatric ventricular assist device.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*
  Rosenthal, D. N., Lancaster, C. A., McElhinney, D. B., Chen, S. n., Stein, M. n., Lin, A. n., Doan, L. n., Murray, J. M., Gowan, M. A., Maeda, K. n., Reinhartz, O. n., Almond, C. S.
  2017
- **Clinical practice patterns are relatively uniform between pediatric heart transplant centers: A survey-based assessment.** *Pediatric transplantation*
  Castleberry, C. n., Ziniel, S. n., Almond, C. n., Auerbach, S. n., Hollander, S. A., Lal, A. K., Fenton, M. n., Pahl, E. n., Rossano, J. W., Everitt, M. D., Daly, K. P.
  2017
- **Rehospitalization Patterns in Pediatric Outpatients with Continuous Flow VADs.** *ASAIO journal*
  Hollander, S. A., Chen, S., Murray, J. M., Lin, A., McBrearty, E., Almond, C. S., Rosenthal, D. N.
  2016
- **HeartWare HVAD for Biventricular Support in Children and Adolescents: The Stanford Experience.** *ASAIO journal*
  Stein, M. L., Yeh, J., Reinhartz, O., Rosenthal, D. N., Kaufman, B. D., Almond, C. S., Hollander, S. A., Maeda, K.
  2016; 62 (5): e46-51
- **Electrocardiographic repolarization abnormalities and increased risk of life-threatening arrhythmias in children with dilated cardiomyopathy** *HEART RHYTHM*
  Chen, S., Motonaga, K. S., Hollander, S. A., Almond, C. S., Rosenthal, D. N., Kaufman, B. D., May, L. J., Avasarala, K., Dao, D. T., Dubin, A. M., Ceresnak, S. R.
  2016; 13 (6): 1289-1296
- **Adverse events in children implanted with ventricular assist devices in the United States: Data from the Pediatric Interagency Registry for Mechanical Circulatory Support (PediMACS)** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
  Rosenthal, D. N., Almond, C. S., Jaquiss, R. D., Peyton, C. E., Auerbach, S. R., Morales, D. R., Epstein, D. J., Cantor, R. S., Kormos, R. L., Naftel, D. C., Butts, R. J., Ghanayem, N. S., Kirklin, et al

2016; 35 (5): 569-577

- **Outcomes of children implanted with ventricular assist devices in the United States: First analysis of the Pediatric Interagency Registry for Mechanical Circulatory Support (PediMACS)** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
  Blume, E. D., Rosenthal, D. N., Rossano, J. W., Baldwin, J. T., Eghtesady, P., Morales, D. L., Cantor, R. S., Conway, J., Lorts, A., Almond, C. S., Naftel, D. C., Kirklin, J. K.
  2016; 35 (5): 578-584

- **Impact of ventricular assist device placement on longitudinal renal function in children with end-stage heart failure.** *journal of heart and lung transplantation*
  May, L. J., Montez-Rath, M. E., Yeh, J., Axelrod, D. M., Chen, S., Maeda, K., Almond, C. S., Rosenthal, D. N., Hollander, S. A., Sutherland, S. M.
  2016; 35 (4): 449-456

- **Outpatient Outcomes of Pediatric Patients with Left Ventricular Assist Devices.** *ASAIO journal*
  Chen, S., Lin, A., Liu, E., Gowan, M., May, L. J., Doan, L. N., Almond, C. S., Maeda, K., Reinhartz, O., Hollander, S. A., Rosenthal, D. N.
  2016; 62 (2): 163-168

- **Ventricular assist devices in a contemporary pediatric cohort: Morbidity, functional recovery, and survival.** *journal of heart and lung transplantation*
  Stein, M. L., Dao, D. T., Doan, L. N., Reinhartz, O., Maeda, K., Hollander, S. A., Yeh, J., Kaufman, B. D., Almond, C. S., Rosenthal, D. N.
  2016; 35 (1): 92-98

- **Obesity and Premature Loss of Mobility in Two Adolescents with Becker Muscular Dystrophy After HeartMate II Implantation** *ASAIO JOURNAL*
  Holander, S. A., Rizzuto, S., Holander, A. M., Lin, A., Liu, E., Murray, J. M., Almond, C. S., Rosenthal, D. N.
  2016; 62 (1): E5-E7

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  Hollander, S. A., Rizzuto, S., Hollander, A. M., Lin, A., Liu, E., Murray, J. M., Almond, C. S., Rosenthal, D. N.
  2016; 62 (1): e5-7

- **Extracorporeal Membrane Oxygenation as a Bridge to Pediatric Heart Transplantation Effect on Post-Listing and Post-Transplantation Outcomes** *CIRCULATION-HEART FAILURE*
  Dipchand, A. I., Mahle, W. T., Tresler, M., Naftel, D. C., Almond, C., Kirklin, J. K., Pruitt, E., Webber, S. A.
  2015; 8 (5): 960-969

- **Antithrombotic therapy for ventricular assist devices in children: do we really know what to do?** *Journal of thrombosis and haemostasis*
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