

Stanford



Christopher Almond

Professor of Pediatrics (Cardiology) at the Lucile Salter Packard Children's Hospital
Pediatrics - Cardiology

CLINICAL OFFICES

- **Lucile Packard Children's Hospital**

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Bio

CLINICAL FOCUS

- Pediatric Cardiology
- Heart Failure
- Ventricular Assist Device
- Anticoagulation
- Heart transplantation

ACADEMIC APPOINTMENTS

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

PROFESSIONAL EDUCATION

- 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
- Internship: Children's Hospital Boston Medical Center Pediatric Residency (2000) MA
- Medical Education: University of Connecticut School of Medicine Registrar (1999) CT
- Board Certification: Pediatric Cardiology, American Board of Pediatrics (2014)
- Board Certification: Pediatrics, American Board of Pediatrics (2002)

Research & Scholarship

CLINICAL TRIALS

- Tacrolimus/Everolimus vs. Tacrolimus/MMF in Pediatric Heart Transplant Recipients Using the MATE Score, Recruiting

Publications

PUBLICATIONS

- **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
- **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., 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., Zhang, Y., Chen, S., Dykes, J. C., Gowen, M. A., Shuttleworth, P., Murray, J. M., Shin, A. Y., Reinhartz, O., 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., Kroschwitz, 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
- **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. B., Kirklin, J. K., Jeewa, A.

2019; 65 (4): 380–88

- **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., Yarlalagadda, 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*
Burststein, 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
- **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
- **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., Cantor, R. S., Auerbach, S., Schumacher, K., Almond, C. S., Eghtesady, P., Alejos, J., Das, B. B., Hong, B. J., Jaquiss, R., Kirklin, J. K., Jeeva, A.
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
- **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
- **Alternative Strategy for Biventricular Assist Device in an Infant With Hypertrophic Cardiomyopathy.** *The Annals of thoracic surgery*
Dykes, J. C., Reinhartz, O., Almond, C. S., Yarlalagadda, V., Murray, J., Rosenthal, D. N., Maeda, K.
2017; 104 (2): e185–e186
- **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., McDonald, N., Hollander, S. A., Bernstein, D., Maeda, K., 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., 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., Stein, M., Lin, A., Doan, L., Murray, J. M., Gowan, M. A., Maeda, K., Reinhartz, O., Almond, C. S.
2017
- **Clinical practice patterns are relatively uniform between pediatric heart transplant centers: A survey-based assessment.** *Pediatric transplantation*
Castleberry, C., Ziniel, S., Almond, C., Auerbach, S., Hollander, S. A., Lal, A. K., Fenton, M., Pahl, E., 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., Avsarala, 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
- **Obesity and Premature Loss of Mobility in Two Adolescents with Becker Muscular Dystrophy After HeartMate II Implantation.** *ASAIO journal*
Hollander, S. A., Rizzuto, S., Holander, 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*
Massicotte, M. P., BAUMAN, M. E., Murray, J., Almond, C. S.
2015; 13: S343-50
- **Antithrombotic therapy for ventricular assist devices in children: do we really know what to do?** *JOURNAL OF THROMBOSIS AND HAEMOSTASIS*
Massicotte, M. P., BAUMAN, M. E., Murray, J., Almond, C. S.
2015; 13: S343-S350
- **Utility of a Dedicated Pediatric Cardiac Anticoagulation Program: The Boston Children's Hospital Experience** *PEDIATRIC CARDIOLOGY*
Murray, J. M., Hellinger, A., Dionne, R., Brown, L., Galvin, R., Griggs, S., Mittler, K., Harney, K., Manzi, S., Vanderpluym, C., Baker, A., O'Brien, P., O'Connell, et al
2015; 36 (4): 842-850
- **A novel pediatric treatment intensity score: development and feasibility in heart failure patients with ventricular assist devices.** *journal of heart and lung transplantation*
May, L. J., Ploutz, M., Hollander, S. A., Reinhartz, O., Almond, C. S., Chen, S., Maeda, K., Kaufman, B. D., Yeh, J., Rosenthal, D. N.
2015; 34 (4): 509-515
- **Predicting Graft Loss by 1 Year in Pediatric Heart Transplantation Candidates An Analysis of the Pediatric Heart Transplant Study Database** *CIRCULATION*
Schumacher, K. R., Almond, C., Singh, T. P., Kirk, R., Spicer, R., Hoffman, T. M., Hsu, D., Naftel, D. C., Pruitt, E., Zamberlan, M., Canter, C. E., Gajarski, R. J.

2015; 131 (10): 890-?

- **Stroke in children with cardiac disease: report from the International Pediatric Stroke Study Group Symposium.** *Pediatric neurology*
Sinclair, A. J., Fox, C. K., Ichord, R. N., Almond, C. S., Bernard, T. J., Beslow, L. A., Chan, A. K., Cheung, M., DeVeber, G., Dowling, M. M., Friedman, N., Giglia, T. M., Guillems, et al
2015; 52 (1): 5-15
- **Challenges and Priorities for Research A Report From the National Heart, Lung, and Blood Institute (NHLBI)/National Institutes of Health (NIH) Working Group on Thrombosis in Pediatric Cardiology and Congenital Heart Disease** *CIRCULATION*
McCrindle, B. W., Li, J. S., Manliot, C., Tweddell, J. S., Giglia, T. M., Massicotte, M. P., Monagle, P., Krishnamurthy, R., Mahaffey, K. W., Michelson, A. D., Verdun, N., Almond, C. S., Newburger, et al
2014; 130 (14): 1192-1203
- **Survival Benefit From Transplantation in Patients Listed for Heart Transplantation in the United States** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Singh, T. P., Milliren, C. E., Almond, C. S., Graham, D.
2014; 63 (12): 1169-1178
- **Survival in patients removed from the heart transplant waiting List before receiving a transplant** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
Vanderpluym, C., Graham, D. A., Almond, C. S., Blume, E. D., Milliren, C. E., Singh, T. P.
2014; 33 (3): 261-269
- **Challenges and priorities for research: a report from the National Heart, Lung, and Blood Institute (NHLBI)/National Institutes of Health (NIH) Working Group on thrombosis in pediatric cardiology and congenital heart disease.** *Circulation*
McCrindle, B. W., Li, J. S., Manliot, C., Tweddell, J. S., Giglia, T. M., Massicotte, M. P., Monagle, P., Krishnamurthy, R., Mahaffey, K. W., Michelson, A. D., Verdun, N., Almond, C. S., Newburger, et al
2014; 130 (14): 1192-1203
- **Antibody depletion for the treatment of crossmatch-positive pediatric heart transplant recipients** *PEDIATRIC TRANSPLANTATION*
Daly, K. P., Chandler, S. F., Almond, C. S., Singh, T. P., Mah, H., Milford, E., Matte, G. S., Bastardi, H. J., Mayer, J. E., Fynn-Thompson, F., Blume, E. D.
2013; 17 (7): 661-669
- **Post-transplant Outcomes of Children Bridged to Transplant With the Berlin Heart EXCOR Pediatric Ventricular Assist Device** *Scientific Sessions of the American-Heart-Association (AHA)*
Eghtesady, P., Almond, C. S., Tjossem, C., Epstein, D., Imamura, M., Turrentine, M., Tweddell, J., Jaquiss, R. D., Canter, C.
LIPPINCOTT WILLIAMS & WILKINS.2013: S24-S31
- **Impact of medication non-adherence on survival after pediatric heart transplantation in the USA** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
Oliva, M., Singh, T. P., Gauvreau, K., Vanderpluym, C. J., Bastardi, H. J., Almond, C. S.
2013; 32 (9): 881-888
- **Risk Stratification and Transplant Benefit in Children Listed for Heart Transplant in the United States** *CIRCULATION-HEART FAILURE*
Singh, T. P., Almond, C. S., Piercey, G., Gauvreau, K.
2013; 6 (4): 800-808
- **Outcomes of Cardiac Transplantation in Single-Ventricle Patients With Plastic Bronchitis: A Multicenter Study** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Gossett, J. G., Almond, C. S., Kirk, R., Zangwill, S., Richmond, M. E., Kantor, P. F., Tresler, M. A., Lenderman, S. M., Naftel, D. C., Matthews, K. L., Pahl, E.
2013; 61 (9): 985-986
- **Pediatric ECMO Outcomes: Comparison of Centrifugal Versus Roller Blood Pumps Using Propensity Score Matching** *ASAIO JOURNAL*
Barrett, C. S., Jagers, J. J., Cook, E. F., Graham, D. A., Yarlagadda, V. V., Teele, S. A., Almond, C. S., Bratton, S. L., Seeger, J. D., Dalton, H. J., Rycus, P. T., Laussen, P. C., Thiagarajan, et al
2013; 59 (2): 145-151
- **Outcomes of Neonates Undergoing Extracorporeal Membrane Oxygenation Support Using Centrifugal Versus Roller Blood Pumps** *ANNALS OF THORACIC SURGERY*
Barrett, C. S., Jagers, J. J., Cook, E. F., Graham, D. A., Rajagopal, S. K., Almond, C. S., Seeger, J. D., Rycus, P. T., Thiagarajan, R. R.
2012; 94 (5): 1635-1642
- **Pediatric cardiovascular safety: Challenges in drug and device development and clinical application** *AMERICAN HEART JOURNAL*

- Bates, K. E., Vetter, V. L., Li, J. S., Cummins, S., Aguel, F., Almond, C., Dubin, A. M., Elia, J., Finkle, J., Hausner, E. A., Joseph, F., Karkowsky, A. M., Killeen, et al
2012; 164 (4): 481-492
- **Current Outcomes in US Children With Cardiomyopathy Listed for Heart Transplantation** *CIRCULATION-HEART FAILURE*
Singh, T. P., Almond, C. S., Piercey, G., Gauvreau, K.
2012; 5 (5): 594-601
 - **Racial and Ethnic Differences in Wait-List Outcomes in Patients Listed for Heart Transplantation in the United States** *CIRCULATION*
Singh, T. P., Almond, C. S., Taylor, D. O., Milliren, C. E., Graham, D. A.
2012; 125 (24): 3022-?
 - **A Risk-Prediction Model for In-hospital Mortality After Heart Transplantation in US Children** *AMERICAN JOURNAL OF TRANSPLANTATION*
Almond, C. S., Gauvreau, K., Canter, C. E., Rajagopal, S. K., Piercey, G. E., Singh, T. P.
2012; 12 (5): 1240-1248
 - **Decline in Heart Transplant Wait List Mortality in the United States Following Broader Regional Sharing of Donor Hearts** *CIRCULATION-HEART FAILURE*
Singh, T. P., Almond, C. S., Taylor, D. O., Graham, D. A.
2012; 5 (2): 249-U225
 - **Pediatric heart failure and worsening renal function: Association with outcomes after heart transplantation** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
Rajagopal, S. K., Yarlagadda, V. V., Thiagarajan, R. R., Singh, T. P., Givertz, M. M., Almond, C. S.
2012; 31 (3): 252-258
 - **Risk Prediction for Early In-Hospital Mortality Following Heart Transplantation in the United States** *CIRCULATION-HEART FAILURE*
Singh, T. P., Almond, C. S., Semigran, M. J., Piercey, G., Gauvreau, K.
2012; 5 (2): 259-U239
 - **The FDA Review Process for Cardiac Medical Devices in Children: A Review for the Clinician.** *Progress in pediatric cardiology*
Almond, C. S.
2012; 33 (2): 105-9
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