

Cardiothoracic Surgery

Division Details

RESEARCH AND TRAINING DETAILS

Faculty	5
Research Fellows and Post Docs	1
Total Annual Grant Award Dollars	\$117,000

CLINICAL ACTIVITIES AND TRAINING

Clinical Fellows	2
Inpatient Encounters	339
Outpatient Encounters	643

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Division Publications

1. Kwiatkowski DM; Goldstein SL; Cooper DS; Nelson DP; Morales DLS; Krawczeski CD. [Peritoneal Dialysis vs Furosemide for Prevention of Fluid Overload in Infants After Cardiac Surgery A Randomized Clinical Trial](#). *JAMA Pediatrics*. 2017; 171:357-364.
2. Westbrook TC; Morales DLS; Khan MS; Bryant R; Castleberry C; Chin C; Zafar F. [Interaction of older donor age and survival after weight-matched pediatric heart transplantation](#). *Journal of Heart and Lung Transplantation*. 2017; 36:554-558.
3. Kimura N; Khan MS; Schechter M; Rizwan R; III BR; Wells E; Towe C; Zafar F; Morales DLS. [Changing demographics and outcomes of lung transplantation recipients with cystic fibrosis](#). *Journal of Heart and Lung Transplantation*. 2016; 35:1237-1244.
4. Zafar F; Villa CR; Morales DL; Blume ED; Rosenthal DN; Kirklin JK; Lorts A. [Does Small Size Matter With Continuous Flow Devices? Analysis of the INTERMACS Database of Adults With BSA <= 1.5 m\(2\)](#). *JACC: Heart Failure*. 2017; 5:123-131.
5. Mathew J; Villa CR; Morales D; Chin C; Zafar F; Rossano J; Lake M; Lorts A. [Favorable Waitlist and Posttransplant Outcomes in Children and Adolescent Patients Supported With Durable Continuous-Flow Ventricular Assist Devices](#). *American Journal of Transplantation*. 2016; 16:2352-2359.
6. Chaouki AS; Spar DS; Khoury PR; Anderson JB; Knilans TK; Morales DLS; Czosek RJ. [Risk factors for complications in the implantation of epicardial pacemakers in neonates and infants](#). *Heart Rhythm*. 2017; 14:206-210.
7. Villa CR; Morales DLS. [The Total Artificial Heart in End-Stage Congenital Heart Disease](#). *Frontiers in Physiology*. 2017; 8:131.

8. Brothers JA; Frommelt MA; Jaquiss RDB; Myerburg RJ; Fraser CD; Tweddell JS. **Expert consensus guidelines: Anomalous aortic origin of a coronary artery.** *Journal of Thoracic and Cardiovascular Surgery.* 2017; 153:1440-1457.
9. Bryant R. **Tracheal agenesis: Salvaging the unsalvageable.** *Journal of Thoracic and Cardiovascular Surgery.* 2017; 153:e127.
10. Bryant R. **External tracheal stenting for pediatric airway obstruction: A word of caution.** *Journal of Thoracic and Cardiovascular Surgery.* 2017; 153:1178-1179.
11. Tweddell JS; Jacobs JP; Austin EH. **Are there negative consequences of public reporting? The hype and the reality.** *Journal of Thoracic and Cardiovascular Surgery.* 2017; 153:908-911.
12. Morales DLS. **Providing hope.** *Journal of Thoracic and Cardiovascular Surgery.* 2017; 153:675-676.
13. Bryant R. **No longer novel: The association of a dilated coronary sinus with left ventricular inflow obstruction.** *Journal of Thoracic and Cardiovascular Surgery.* 2017; 153:e31-e32.
14. Tweddell JS. **Why doesn't the flow study work better for pulmonary atresia, ventricular septal defect, and major aortopulmonary collaterals?.** *Journal of Thoracic and Cardiovascular Surgery.* 2016; 152:1504-1505.
15. Tweddell JS. **Historical perspectives of The American Association for Thoracic Surgery: Thomas L. Spray.** *Journal of Thoracic and Cardiovascular Surgery.* 2016; 152:945-949.
16. Morales DLS. **"Single coronary" in transposition of the great arteries: Why are we still talking about it?.** *Journal of Thoracic and Cardiovascular Surgery.* 2016; 152:e33-e34.
17. Hoffman GM; Ghanayem NS; Scott JP; Tweddell JS; Mitchell ME; Mussatto KA. **Postoperative Cerebral and Somatic Near-Infrared Spectroscopy Saturations and Outcome in Hypoplastic Left Heart Syndrome.** *Annals of Thoracic Surgery.* 2017; 103:1527-1535.
18. Jacobs JP; Mayer JE; Mavroudis C; O'Brien SM; Austin EH; Pasquali SK; Hill KD; Overman DM; St Louis JD; Karamlou T. **The Society of Thoracic Surgeons Congenital Heart Surgery Database: 2017 Update on Outcomes and Quality.** *Annals of Thoracic Surgery.* 2017; 103:699-709.
19. Morales DLS; Khan MS; Turek JW; Biniwale R; Tchervenkov CI; Rush M; Jacobs JP; Tweddell JS; Jacobs ML. **Report of the 2015 Society of Thoracic Surgeons Congenital Heart Surgery Practice Survey.** *Annals of Thoracic Surgery.* 2017; 103:622-628.
20. Scully BB; Fan C; Grigoryan B; Jacot JG; Vick GW; Kim JJ; Fraser CD; Grande-Allen KJ; Morales DLS. **Remodeling of ECM patch into functional myocardium in an ovine model: A pilot study.** *Journal of Biomedical Materials Research. Part B: Applied Biomaterials.* 2016; 104:1713-1720.
21. Maher KO; Tweddell JS. **Aortic and mitral valve disease and left ventricular dysfunction in children.** *Pediatric Critical Care Medicine.* 2016; 17:S131-S139.
22. Tabbutt S; Tweddell JS; Ghanayem N. **Hypoplastic left heart syndrome and other shunt-dependent single ventricles.** *Pediatric Critical Care Medicine.* 2016; 17:S318-S322.
23. Tomita-Mitchell A; Stamm KD; Mahnke DK; Kim MS; Hidestrand PM; Liang HL; Goetsch MA; Hidestrand M; Simpson P; Pelech AN. **Impact of MYH6 variants in hypoplastic left heart syndrome.** *Physiological genomics.* 2016; 48:912-921.
24. Jaquiss RDB; Humpl T; Canter CE; Morales DLS; Rosenthal DN; Jr FCD. **Postapproval Outcomes: The Berlin Heart EXCOR Pediatric in North America.** *ASAIO Journal.* 2017; 63:193-197.
25. III BR; Zafar F; Castleberry C; Jefferies JL; Lorts A; Chin C; Morales DLS. **Transplant Survival After Berlin Heart EXCOR Support.** *ASAIO Journal.* 2017; 63:80-85.

Annual Grant Award Dollars

Investigator	Title	Sponsor	ID	Dates	Amount
Farhan Zafar	A Novel Donor Risk Scoring System for Better Organ Utilization in Lung Transplantation	National Institutes of Health	R21 HL135306	02/01/2017 - 01/31/2019	\$117,000
Total Annual Grant Award Dollars					\$117,000
