Cardiothoracic Surgery

RESEARCH AND TRAINING DETAILS

<table>
<thead>
<tr>
<th>Category</th>
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<tbody>
<tr>
<td>Faculty</td>
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<td>Research Fellows</td>
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<tr>
<td>Support Personnel</td>
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<tr>
<td>Direct Annual Industry Support</td>
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<tr>
<td>Peer Reviewed Publications</td>
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CLINICAL ACTIVITIES AND TRAINING

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<tbody>
<tr>
<td>Clinical Staff</td>
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<td>Inpatient Encounters</td>
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<td>Outpatient Encounters</td>
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Significant Publications


Children on waiting lists for heart transplantation have one of the highest waiting list mortalities in the United States. Ventricular assist devices (VADs) have significantly reduced the waiting list mortalities in adult patients, but there was no established evidence of its impact on pediatric patients. In 2005, pediatric specific VADs were introduced with the aim of improving survival of children on heart transplant waiting lists. This study demonstrates a considerable improvement in waiting list survival for children in the VAD era. Irrespective of other factors, children supported with a VAD were four times more likely to survive to transplant.


National databases are beginning to play a key role in the care of patients by predicting prognoses of particular treatments, defining risk factors, aiding with the selection of patients for particular treatments and helping to establish
standards of care. This manuscript demonstrates the advantages of how a national death registry can empower a national database with over two million records. The information gathered, the comparisons outlined, and the processes used to determine the best combination of indices of death is generally scalable and may prove useful for other societies and registries who wish to empower their databases with long-term national data about mortality.

**Division Publications**


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**Faculty, Staff, and Trainees**

**Faculty Members**

- **James S. Tweddell, MD**, Professor  
  **Leadership**: Executive Co-Director, Heart Institute; Director of Surgery, Heart Institute

- **David L. S. Morales, MD**, Professor  
  **Leadership**: Chief, Division of Cardiothoracic Surgery

- **Roosevelt Bryant III, MD**, Assistant Professor  
  **Leadership**: Surgical Director, Pediatric Heart Transplant Program

- **Farhan Zafar, MD**, Instructor  
  **Research Interests**: Tissue engineering; outcomes research in heart failure; transplant.

**Clinical Staff Members**

- **Traci Ashcraft, PA-C**

- **Lindsay Pilgrim Galchick, PA-C**

- **Laura Jansen, PA-C**

- **Naritaka Kimura, MD, PhD**, Staff Physician

- **John P. Lombardi, CCP**, Associate Director, Cardiovascular Perfusion
Grants, Contracts, and Industry Agreements

Industry Contracts

Morales, D  
On-X Life Technologies, Inc  $9,622

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<th>Current Year Direct Receipts</th>
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