Division Details

Division Data Summary

Research and Training Details

<table>
<thead>
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<tbody>
<tr>
<td>Number of Faculty</td>
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<td>Number of Support Personnel</td>
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<td>Direct Annual Grant Support</td>
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<td>Peer Reviewed Publications</td>
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Clinical Activities and Training

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<td>Outpatient Encounters</td>
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Division Photo

No Photo information has been entered yet.

Significant Publications


This manuscript summarizes all that the community of cardiologists and congenital heart surgeons know about the challenge of caring for children with hypoplastic left heart syndrome. It discusses every stage of their care; in particular, their last planned surgical palliation, the Fontan procedure.


Here we have outlined how to empower national surgical databases with long-term outcomes. Surgical databases such as the Society of Thoracic Surgery are rich in number of cases captured (STS > 1 million patients), but their outcomes are usually limited to surgical hospitalization. We demonstrated how to empower these databases by pairing them with national databases from the Center of Medicaid/Medicare and the Social Security National Death Index.


The fastest growing group of adolescent patients presenting in heart failure is those with Fontan Circulations. This manuscript demonstrates the potential to mechanically support these patients in pediatric facilities, which is novel.

This is an overview of the current state of mechanical circulatory support in North America. We describe how this field has expanded and that it is possible to have a robust independent pediatric VAD program that can support a child of any size with the best type of device for their particular type of heart failure.


Many children die waiting for lung transplantation. The oxygen level in the donor lungs is the most common criteria used to determine whether lungs are acceptable or not for transplantation. By looking at all lung transplants done in the U.S. over the past two decades, this manuscript explores how this criteria was set and if in fact we should be using different thresholds than the ones commonly practiced. A change in this criteria could significantly increase the number of lung transplants performed.

Division Publications


Faculty, Staff, and Trainees

Faculty Members
David L. S. Morales, MD, Professor
  Leadership Executive Co-Director, Heart Institute; Director and Chief, Division of Cardiothoracic Surgery

Peter B. Manning, MD, Professor

Vincent Olshove, CCP, FPP, Instructor
  Leadership Director, Perfusion Services

Alistair Phillips, MD, Associate Professor
  Leadership Surgical Director, Adult Congenital Heart Disease; Surgical Director, Transplantation

Clinical Staff Members
  - Traci Ashcraft, PA-C
  - Megan Miller, PA-C
  - Alicia Wilmoth, PA-C

Grants, Contracts, and Industry Agreements

Grant and Contract Awards

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<th>Grant and Contract Awards</th>
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<td>COLE, C</td>
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<td><strong>Myocardial Protection during Fetal Bypass: Role of Calcium Cycling</strong></td>
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Current Year Direct $53,042

Total $53,042