

OPTN Thoracic Organ Transplantation Committee

Fall 2019

Committee Project Updates

Lung

- *Public comment:* **Continuous Distribution of Lungs Concept Paper**
- *Evidence-gathering:* **LAS Clarifications**
- *Monitoring:* **Removal of DSA from Lung Allocation Policy**
- *Data collection monitoring:* **Monitoring collection of perfusion-related data fields**

Heart

- *Evidence Gathering:* **Modifications to Pediatric Heart Allocation Policy**
- *Analyzing problem:* **Adult Heart Policy Language Clarifications and Exceptions Review**
- *Monitoring:* **Modifications to the Adult Heart Allocation System**

Committee Project Update – Removal of DSA From Lung Allocation Policy

- Increase in number of high LAS transplants after DSA removal
- Lungs traveling farther (114 nm pre to 166 nm post)
- Decrease in number of transplants within DSA
- Statistically significant decrease in waiting list mortality rate for some high LAS candidates
- National utilization rate remains stable, but variability by OPTN region still exists
- [Monitoring of the Lung Allocation Change, 1 Year Report](#)
 - Next update will be 1 ½ year monitoring report with projected release in late 2019

Committee Project Update – Modifications to the Adult Heart Allocation System

- Modifications intended to better stratify medical urgency, reflect increased use of MCSDs, and address access issues
- After implementation, approximately
 - 50% of recipients are new Adult Status 1 and 2
 - 26% of recipients are Adult Status 3
 - 19% of recipients are Adult Status 4
- Hearts are traveling greater distances (84 nm pre to 223 nm post)
- Decrease in number of transplants within DSA
- National utilization rate remains stable, roughly 35%
- [Four-Month Monitoring of Heart Allocation Proposal to Modify the Heart Allocation System](#)
 - Next update will be 1-year monitoring report projected for 2020

Committee Project Update – Perfusion Data Collection Monitoring

- Use of perfusion is growing rapidly
- Usage tripled since 2015 (1.7% to 6.3%)
- Perfusion is used nationwide
- [Perfusion information](#)
 - Next update of data collection monitoring report is projected for 2020

Committee Project Updates

- Adult Heart Allocation Policy Clarifications: What policies are unclear or do you feel should be changed, and why?
- Previously identified issues being addresses
 - Clarifying requirements for when criteria must be met
 - Inconsistent definition of extension criteria
 - Clarifying when the date validation should occur for Policy 6.1.D.ii: Inotropes without Hemodynamic Monitoring

Committee Project Implementation Updates

- **Eliminate the Use of DSAs in Thoracic Distribution**
 - Replaces DSA and regions in heart allocation policy with nautical mile distances
 - IT completion slotted for Q1 2020
- **Modification of lung Transplant Recipient Follow-up (TRF) form to better characterize longitudinal changes in lung function following transplantation to assist with evaluating Chronic Lung Allograft Dysfunction (CLAD)**
 - Modified certain graft function data elements to improve data quality
 - Data elements are objective, standardized, and available on patients' medical records
 - IT completion slotted for Q2 2020