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