

**OPTN Ad Hoc Multi-Organ Transplantation Committee  
Lung Multi-Organ Workgroup  
Meeting Summary  
December 5, 2024  
Conference Call**

**Marie Budev, DO, MPH, Chair  
Lisa Stocks, RN, MSN, FNP, Chair**

## **Introduction**

The OPTN Lung Multi-Organ Workgroup (the Workgroup) met via WebEx teleconference on 12/05/2024 to discuss the following agenda item:

1. Lung Multi-Organ CAS Thresholds Data Request

The following is a summary of the Workgroup's discussions.

### **1. Lung Multi-Organ CAS Thresholds Data Request**

OPTN contractor staff presented on the Lung Multi-Organ CAS Thresholds Data Request

#### Summary of Presentation:

To date, data analysis efforts have focused on lung multi-organ candidate match run appearances under continuous distribution, examining waitlist mortality risks, and expected post-transplant survival by lung Composite Allocation Score (CAS). The Workgroup also reviewed data requested by the MOT Committee which included waiting list outcomes, median transplant times for multi-organ candidates, survival metrics, and median match run appearances for multi-organ donors. Preliminary lung CAS thresholds were identified for further analysis. An OPTN data request submitted in October aims to assist the Workgroup in refining the lung CAS thresholds for the MOT Committee's allocation tables. The data set includes match run information for lung donors from September 28, 2023, to August 31, 2024, focusing on match run appearances rather than offers, and considers only the first candidate registration per match to avoid overestimation. On this call, the Workgroup reviewed the data for adult brain dead donors aged 18-69 with Kidney Donor Profile Index (KDPI) between 0-34%. Based on the analysis, staff suggested updated lung CAS thresholds for the Workgroup to consider:

- Blood type O donors
  - Low threshold: 34
  - High threshold: 35
  - Together, the thresholds capture a median of 48 candidates (13% of the match)
- Blood type A, B, and AB donors
  - Low threshold: 30
  - High threshold: 31
  - Together, the thresholds capture a median of 10 candidates (13% of the match)

For these donors, the sequence numbers of the final acceptors by donor blood type are:

- Blood type O: median – 16, mean – 48
- Blood type A: median – 10, mean – 20
- Blood type B: median – 5, mean – 8

- Blood type AB: median – 2, mean – 2

Analysis reflects OPTN data as of November 22, 2024, and are subject to updates as data lags resolve.

Summary of Discussion:

**The OPTN Lung Multi-Organ Workgroup did not make any decisions.**

Several members expressed the need for additional time to review and process the presented information. They requested that the data be shared via email for further analysis and consideration.

Next Steps:

OPTN contractor staff will send the information via email to committee members for further analysis and consideration.

**Upcoming Meeting**

- To be determined

## Attendance

- **Workgroup Members**
  - Marie Budev
  - Lisa Stocks
  - Chris Sonnenday
  - Jasleen Kukreja
  - PJ Geraghty
  - Zoe Stewart Lewis
  - Erika Lease
- **SRTR Staff**
  - Katie Audette
  - Jon Miller
- **UNOS Staff**
  - Viktoria Filatova
  - Chelsea Hawkins
  - Kaitlin Swanner
  - Laura Schmitt
  - Ross Walton
  - Sarah Roache
  - Houlder Hudgins
  - Kelsi Lindblad
- **Other Attendees**
  - Gundeep Dhillon