

## *Notice of OPTN Data Collection Change*

# Promote Efficiency of Lung Allocation

<b>Sponsoring Committee:</b>	<b>Lung Transplantation</b>
<b>Data Collection Affected:</b>	<b>OPTN Donor Data and Matching System</b>
<b>Public Comment:</b>	<b>January 23, 2024 - March 19, 2024</b>
<b>Board Approved:</b>	<b>June 17-18, 2024</b>
<b>Effective Date:</b>	<b>Pending implementation and notice to OPTN members</b>

### Purpose of Data Collection Change

The purpose of this data collection change is to promote efficiency of lung allocation. This proposal would add new data collection in the OPTN Donor Data and Matching System to aid evaluation of lung offers. Additionally, the data collection may inform future offer filters. Two additional system enhancements intended to make it easier for lung transplant programs to say “yes” to organ offers and to facilitate timely placement of organs by organ procurement organizations (OPOs).<sup>1</sup>

### Proposal History

Continuous distribution of lungs was implemented on March 9, 2023.<sup>2</sup> This continuous allocation system was designed to promote access to transplant for certain populations of lung candidates, such as those who are very medically urgent. The reordering of allocation priority appears to have advanced progress towards the stated goals of the continuous distribution system, particularly reduced waiting list mortality and access to transplant for the most medically urgent candidates. In addition, these changes have resulted in redistributed organ offer patterns across the country and affected logistics. Impacts include upward trends in the median transplant program number at acceptance; median offer number at acceptance; and the number of transplant programs notified per lung donor.<sup>3</sup>

To assist transplant programs in offer evaluation, voluntary lung offer filters were launched January 31, 2024. The Lung Transplantation Committee formed a workgroup with representatives from the OPO Committee to evaluate potential changes that could be used to improve offer efficiency including future offer filters. The proposal developed included two new data fields and two system enhancements. It was supported in public comment. The Committee defined anaphylactic reaction to peanut and/or tree nut (versus other type of allergic reaction) for the one data field post-public comment.

### Summary of Changes

The following data collection will be added to the OPTN Donor Data and Matching System:

- Previous sternotomies
- History of anaphylaxis to peanut and/or tree nut

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<sup>1</sup> “Promote Efficiency of Lung Allocation” public comment proposal, OPTN, Accessed June 10, 2024 Available at [https://optn.transplant.hrsa.gov/media/3ftfa23x/lung\\_allocation-efficiency\\_pcjan24.pdf](https://optn.transplant.hrsa.gov/media/3ftfa23x/lung_allocation-efficiency_pcjan24.pdf)

<sup>2</sup> “Establish Continuous Distribution of Lungs,” OPTN, Policy Notice, accessed June 10, 2024, available at [https://optn.transplant.hrsa.gov/media/b13dlep2/policy-notice\\_lung\\_continuous-distribution.pdf..](https://optn.transplant.hrsa.gov/media/b13dlep2/policy-notice_lung_continuous-distribution.pdf..)

<sup>3</sup> Ibid.

The following system enhancements were approved for development:

- “Bypass Bilateral and Other Lung” Button
  - Allow OPOs to quickly bypass candidates who cannot accept an offer if only a single lung is available from a donor
- Opt In to Offers from Geographically Isolated Areas
  - Enable transplant programs to opt in to receiving offers from geographically isolated areas outside of the “maximum miles the organ or recovery team will travel” as specified in donor acceptance criteria

### Implementation

OPOs will need to educate staff on obtaining history of anaphylaxis to peanut and/or tree nut and previous sternotomies for all donors. OPOs may need to adjust their electronic medical record systems to report this information in the OPTN Donor Data and Matching System. Transplant programs staff reviewing lung organ offers would need to become familiar with the new information available. Transplant hospitals with lung transplant programs are advised to explore and use lung offer filters when available. Transplant programs will also be able to opt-in to offers from geographically isolated areas.

This proposal requires the submission of official OPTN data that are not presently collected by the OPTN. The OPTN contract requires that data collected pursuant to the OPTN’s regulatory requirements in §121.11 of the OPTN Final Rule will be collected through OMB approved data collection forms. The forms will be submitted for OMB approval under the Paperwork Reduction Act of 1995. This will require a revision of the OMB-approved data collection instruments, which may impact the implementation timeline. Implementation requires technical changes to the OPTN Computer System.

### Affected Data Collection

New language is underlined (example) and language that is deleted is struck through (~~example~~).

**Table 1: Data Additions: OPTN Donor Data and Matching System**

Data Field	Form	Response Option Description
<u>History of anaphylaxis to peanut and/or tree nut</u>	Donor Summary Medical & Social History	<u>Yes/No/Unknown</u>
<u>Previous sternotomies</u>	Donor Summary Medical & Social History	<u>Yes/No/Unknown</u>  <u>If yes – option to select one or more of the following:</u> <u>Coronary artery bypass grafting (CABG)</u> <u>Congenital heart defect surgery</u> <u>Maze procedure</u> <u>Heart valve replacement</u> <u>Other, specify</u>