

**OPTN Machine Perfusion Data Collection  
Workgroup  
Meeting Summary  
September 25, 2024  
Conference Call**

**Theresa Daly, MS, RN, FNP, Chair**

## **Introduction**

The OPTN Machine Perfusion Data Collection Workgroup (the Workgroup) met via WebEx teleconference on 09/25/2024 to discuss the following agenda items:

1. Project Discussion: Project Purpose and Overview, Current Data Collection, New Data Collection and Other Considerations
2. Next Steps

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

### **1. Project Discussion**

OPTN contractor staff presented the project purpose and overview, as well as the current data collection, new data collection, and other considerations the workgroup should discuss.

#### Summary of Presentation:

The project's purpose is to collect data on the use of machine perfusion and normothermic regional perfusion (NRP). Perfusion data is collected by Organ Procurement Organizations, transplant programs, device companies, and the OPTN. However, there is a lack of centralized data collection and normothermic regional perfusion (NRP) and machine perfusion data is limited within the OPTN system.

Improving data collection will help the community better understand the impact on organ allocation/placement as well as patient outcomes.

The workgroup should also consider organ-specific parameters, transplant programs that are unable to upload to DonorNet, adaptability, and data sharing/transfer. When using the data, the workgroup should consider the information collected at different stages during procurement and transport, as well as the research aspect involved in monitoring patient outcomes.

#### Summary of Discussion:

**The OPTN Machine Perfusion Data Collection Workgroup did not make any decisions.**

The members discussed the collection of normothermic regional perfusion (NRP) data, which is relatively simple, before moving on to machine perfusion. They talked about the challenge of determining which data needs to be collected at each stage (for organ evaluation vs. post-transplant research). One member suggested the need to identify who is responsible for collecting and entering different data elements (Organ Procurement Organization vs. Transplant Centers).

To streamline the process, one member proposed creating a shared Excel template for feedback. This template would include columns for data element names, operational requirements, clinical requirements, wish list items, and existing definitions if available. Another member suggested collecting

sample normothermic regional perfusion (NRP) worksheets from members who already use them. Additionally, the group discussed referencing recent AST recommendations on NRP.

Next steps

None were discussed.

**2. Next Steps**

OPTN contractor staff presented on next steps for the workgroup.

Presentation summary:

The OPTN contractor staff will be sending an email with a list of proposed NRP data elements for feedback. They will also create an Excel template for members to indicate which elements are operationally required, clinically required, or on a "wish list". The workgroup will then discuss the feedback and aim to finalize the NRP data elements in the next 1-2 meetings.

Summary of discussion:

**The OPTN Machine Perfusion Data Collection Workgroup did not make any decisions.**

None were discussed.

Next steps

None were discussed.

**Upcoming Meeting**

- October 23, 2024

## Attendance

- **Workgroup Members**
  - Theresa Daly
  - Aaron Ohearn
  - Chris Sonnenday
  - Chandrasekar Krishnan
  - Kim Baltierra
  - Anja DiCesaro
  - Anne Krueger
  - Cassie Hertert
  - Christine Maxmeister
  - Lori Markham
- **HRSA Representatives**
  - Mesmin Germain
  - Jim Bowman
  - Brianna Doby
  - Kala Rochelle
- **SRTR Staff**
  - David Zaun
- **UNOS Staff**
  - Robert Hunter
  - Susan Tlusty
  - Kevin Daub
  - Alina Martinez
  - Houlder Hudgins
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