OPTN Operations & Safety Committee
Broader Distribution Data Collection Workgroup
Meeting Summary
January 19, 2021
Conference Call

Dominic Adorno, Chair

Introduction

The Broader Distribution Data Collection Workgroup (the Workgroup) met via Citrix GoToMeeting teleconference on 01/19/2021 to discuss the following agenda items:

1. Recap of 12/15 Meeting
2. Review and Discussion of Current Data Elements
3. Next Steps

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

1. Recap of 12/15 Meeting

The Workgroup reviewed discussions from the previous meeting.

Summary of discussion:

The Workgroup reviewed the following data elements:

- Total Cold Ischemia Time Left Kidney/Right Kidney/En Bloc
- Liver Machine Perfusion
- Type of Liver Machine Perfusion
- Left/Right Lung machine perfusion intended or performed
- Lung(s) perfused prior to transplant
- Perfusion occurred at (recommended referral to Lung Committee for additional input)
- Perfusion performed by (recommended referral to Lung Committee for additional input)
- Total time of perfusion: (ST) (recommended referral to Lung Committee for additional input)
- Left Lung/Right Lung received at transplant center (recommended referral to Lung Committee for additional input)

2. Review and Discussion of Current Data Elements

The Workgroup continued reviewing and discussing current data elements related to broader distribution.

Summary of discussion:

Data element: Kidney(s) received on

- Members expressed no concerns regarding this data element.

Data element: Received on ice

- Members agreed that this data element should remain.

- A member asked the purpose of the “not applicable” option. Another member responded that “not applicable” is a response used for living donor recipients as well as for recipients that are removed from the list due to a certain code that indicates the recipient died during the transplant procedure.
- A member stated that the “not applicable” option can be confusing, and there is no information gained from the 2.2% that entered this response. Members proposed to remove the “not applicable” response in this data field. Another member suggested adding a free text field so that respondents could expand on their reason for choosing “not applicable”. A member added another suggestion of separating this response into two; “not applicable (living donor)” and “not applicable (recipient deceased)”. The Chair stated that the Workgroup should consider the implications and impact removal could have on other data collection efforts or assessments before moving forward.

Data element: Received on pump

- Members agreed that this data element should remain.

Data element: Left/right kidney resistance at transplant (if put on pump or stayed on pump)

- The Chair suggested a data definition clarification may be necessary to clarify what each time parameter means.

Data element: Left/right kidney final flow (if put on pump or stayed on pump)

- A member stated that resistance and flow are the two important clinical measures to capture for pump.

Data element: Left/right: pump?

- Members agreed this data element is straightforward.

Data element: Left/right type of kidney pump/machine

- The Chair asked the Workgroup members in transplant programs if the type of pump is relevant to them. Member representing transplant programs agreed that the type of pump does not matter.
- The Chair asked if outcome data related to type of pump machine would be relevant for broader sharing. A member responded that quality assessments could use this data.
- Members agreed to get additional feedback regarding this data element.

Data element: Left/right type of kidney pump/machine (if other/specify)

- Members were uncertain why type of pump matters.

Data element: Final resistance prior to shipping

- Members agreed that all pump parameters from the organ procurement organization (OPO) side, prior to shipment, would be relevant.
- The Chair stated that final resistance is the only data element captured on the deceased donor registration (DDR) form, and flow is captured on DonorNet. Staff clarified that DonorNet data is captured for transplant programs to aid organ acceptance decisions, and DDR data is captured for risk adjustments purposes. Staff added that the DDR captures the final resistance, while DonorNet’s resistance data field might not be updated to reflect the final resistance.

Data element: Transferred to transplant center on pump

- Members suggested a definition clarification for this data element.

Data element: Kidney pump values: Date

- Members agreed to keep this data element as it is consistent with what is being collected.

Data element: Kidney pump values: Time

- Members agreed to keep this data element as it is consistent with what is being collected.
- Members suggested that definitions are need for initial, low/peak, and final.

Data element: Kidney pump values: Flow (cc/min)

- Members agreed to keep this data element as it is consistent with what is being collected.
- Members suggested that definitions are need for initial, low/peak, and final.

Data element: Kidney pump values: Pressure (mmHg)

- Members agreed to keep this data element as it is consistent with what is being collected.
- Members suggested that definitions are need for initial, low/peak, and final.

Data element: Kidney pump values: Resistance

- Members agreed to keep this data element as it is consistent with what is being collected.
- Members suggested that definitions are need for initial, low/peak, and final.

Data element: Kidney pump device

- Members agreed to get additional feedback regarding this data element.

Data element: Kidney pump solution

- A member stated that if the type of pump is not relevant, then the pump solution is also not relevant.

Data element: Total organ preservation time from cross clamp

- Members agreed this data element could cause confusion among donation after cardiac death (DCD) heart donors. The Chair suggested a potential field label change to remove warm ischemia time.

Data element: Heart machine perfusion

- Members agreed this data element could become relevant with broader sharing.

3. Next Steps

The Workgroup will continue review and discuss data to identify gaps and recommend data element changes. In the next couple months, the progress will be presented to the OPTN Operations & Safety Committee, OPTN Data Advisory Committee, and other stakeholder committees. A data collection proposal will be developed and is expected to go out for Summer 2021 Public Comment.

Upcoming Meeting

- February 16, 2021 (teleconference)

Attendance

- **Workgroup Members**
  - Anna Mello
  - Asif Sharfuddin
  - Daniel Stanton
  - Dominic Adorno
  - James Trotter
  - Jillian Wojtowicz
  - Kim Koontz
  - Rachel White
  - Staci Carter
  - Stacy McKean
  - Susan Stockemer
- **HRSA Representatives**
  - Raelene Skerda
  - Vanessa Arriola
- **UNOS Staff**
  - Joann White
  - Katrina Gauntt
  - Kristine Althaus
  - Lauren Motley
  - Meghan McDermott
  - Sarah Taranto