

Data Collection to Evaluate Organ Logistics and Allocation

OPTN Operations & Safety Committee

Purpose of Proposal

- Evaluate data elements to provide more insight into organ logistics and allocation with the goal to inform future policy development
- Ensure efficiencies in data collection efforts are current and relevant
- Proposal
 - Recommendations for modifications and removals of current data
 - Proposed new data elements
 - Organ check-out time
 - Organ check-in time
 - Time of first anastomosis

Rationale

- Proposed new data elements will provide more information by:
 - Serving as a surrogate for organ transport time
 - Documenting chain of custody of organs
 - Capturing a more accurate account of timeline from recovery to transplant
- Proposed data element modifications/deletions will improve quality of data by:
 - Clarifying data fields and definitions
 - Removing data fields that do not provide sufficient information

Proposed Modifications

- Type of Liver machine perfusion (DonorNet[®])
 - Proposed Change: Remove non-specified response field, “Other/Specify”
- Kidney(s) received on (Kidney – TRR)
 - Proposed Change: Remove non-specified response field, “N/A”
- Kidney Pump Values: Time, Flow, Pressure, and Resistance (DonorNet[®])
 - Proposed Change: Collect initial, low/peak, and final values

Proposed Removals/Addition to Organ Reason Code Responses

- Organ Reason Codes (DDR)
 - Remove:
 - No recipient Located (Code #208)
 - POSITIVE HTLV-1 (Code #211)
 - Add:
 - No candidate on the match run

Proposed New Data Elements

Field Label	Collected by	System/Form	Rationale
Organ Check-Out Time	OPOs	TransNet SM or DDR	Complementing organ check-in time data element to: <ul style="list-style-type: none"> - Document chain of custody of the organ - Serve as surrogate for organ transport time
Organ Check-In Time	Transplant Hospital	Waitlist SM	Complementing organ check-out time data element to: <ul style="list-style-type: none"> - Document chain of custody of the organ - Serve as surrogate for organ transport time

Proposed New Data Elements (continued)

Field Label	Collected by	System/Form	Rationale
Time of first anastomosis	Transplant Hospital	Waitlist SM	Provide more accurate account of timeline from organ recovery to organ transplant.

Member Actions

- Organ procurement organizations (OPOs) staff would enter *organ check-out date and time*
- Transplant hospital staff would enter new data elements, *time of first anastomosis* and *organ check-in date and time*
 - Evaluate current protocols/processes for organ check in per OPTN policy

What do you think?

- Do you agree with the new data elements being proposed?
- Are organ check-out time and organ check-in time good surrogates for transport time?
- Are there additional data elements that should be considered?

Extra Slides

Proposed Modifications

Field Label	Form	Modification
Type of liver machine perfusion: *(follow up to liver machine perfusion (Y/N))	DDR	Options Response Field: Single Selection, Listed Choices : 1 – Normothermic 2 - Hypothermic 999 – Other/Specify : (write in)
Left Lung/Right Lung machine perfusion intended or performed:	DDR	The Committee reviewed and agree with the modifications made in OPO Committee Modifications to the DDR form proposal: Left Lung/Right Lung machine perfusion intended or performed:
Kidney(s) received on:	Kidney-TRR	Options Response Field: Single Selection, Listed Choices: Ice Pump N/A
Kidney Pump Values: Time	DonorNet	Options Response Field: Initial Time: Low/Peak time: Final Time:

Proposed Modifications (continued)

Field Label	Form	Modification
Kidney Pump Values: Flow (cc/min)	DonorNet	<p>Options Response Field:</p> <p>Initial Time: Low/Peak time: Final Time:</p>
Kidney Pump Values: Pressure (mmHg)	DonorNet	<p>Options Response Field:</p> <p>Initial Time: Low/Peak time: Final Time:</p>
Kidney Pump Values: Resistance	DonorNet	<p>Options Response Field:</p> <p>Initial Time: Low/Peak time: Final Time:</p>
Recovery Team # (recommendation by OPO Committee currently out for public comment)	DDR	<p>Modifications made from OPO Committee's Modifications to the Deceased Donor Registration (DDR) form proposal:</p> <p>Change from 6-digit provider number to 4-digit OPTN center code and 3- digit OPTN center type of the transplant center team recovering the organ.</p>

Proposed Removals from Organ Reason Code Responses

Response Field	Form	Recommended Removal
Organ Not Recovered Code	DDR	1) Remove code #208 (no recipient located) 2) Remove code #211 – POSITIVE HTLV-1

Proposed Addition to Organ Reason Code Responses

Response Field	Form	Recommended Addition
Organ Not Recovered Code	DDR	Add code for “No candidates on the match run”