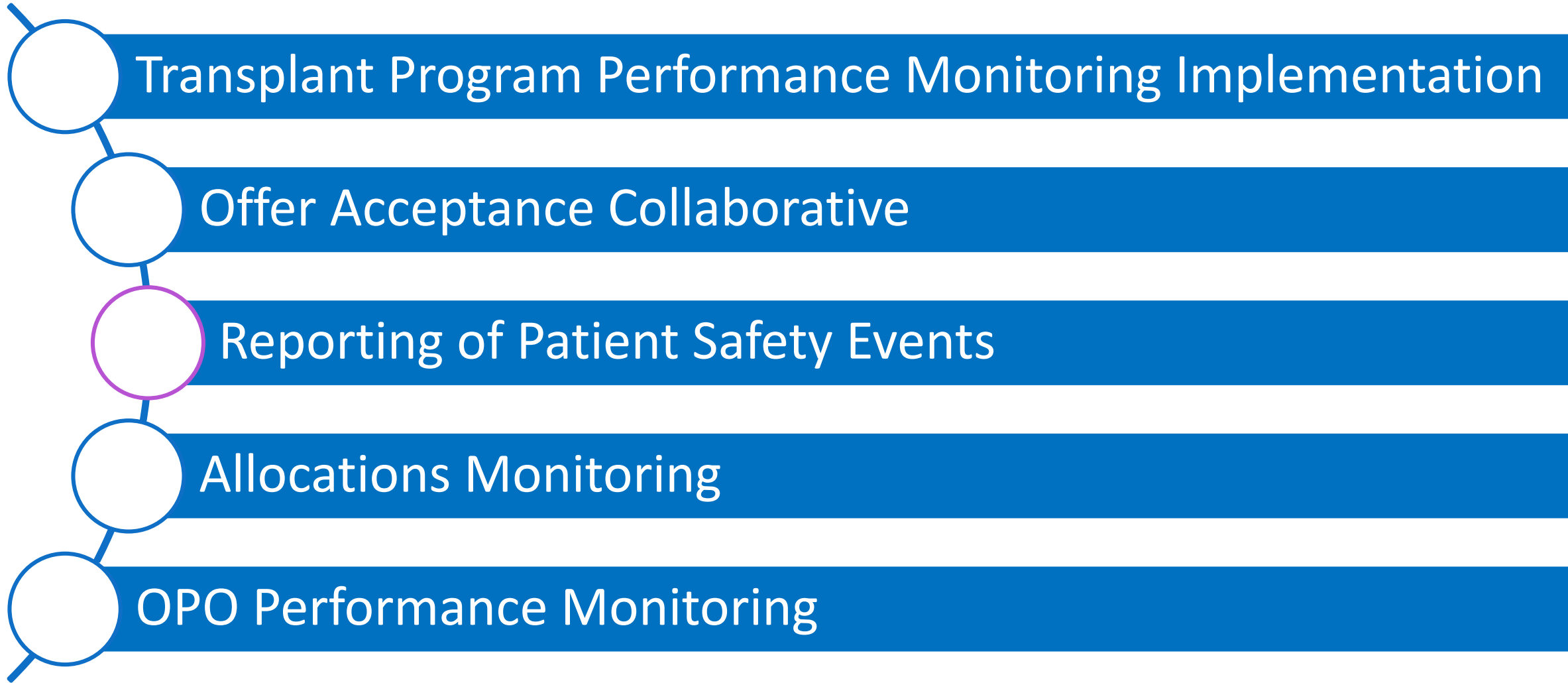


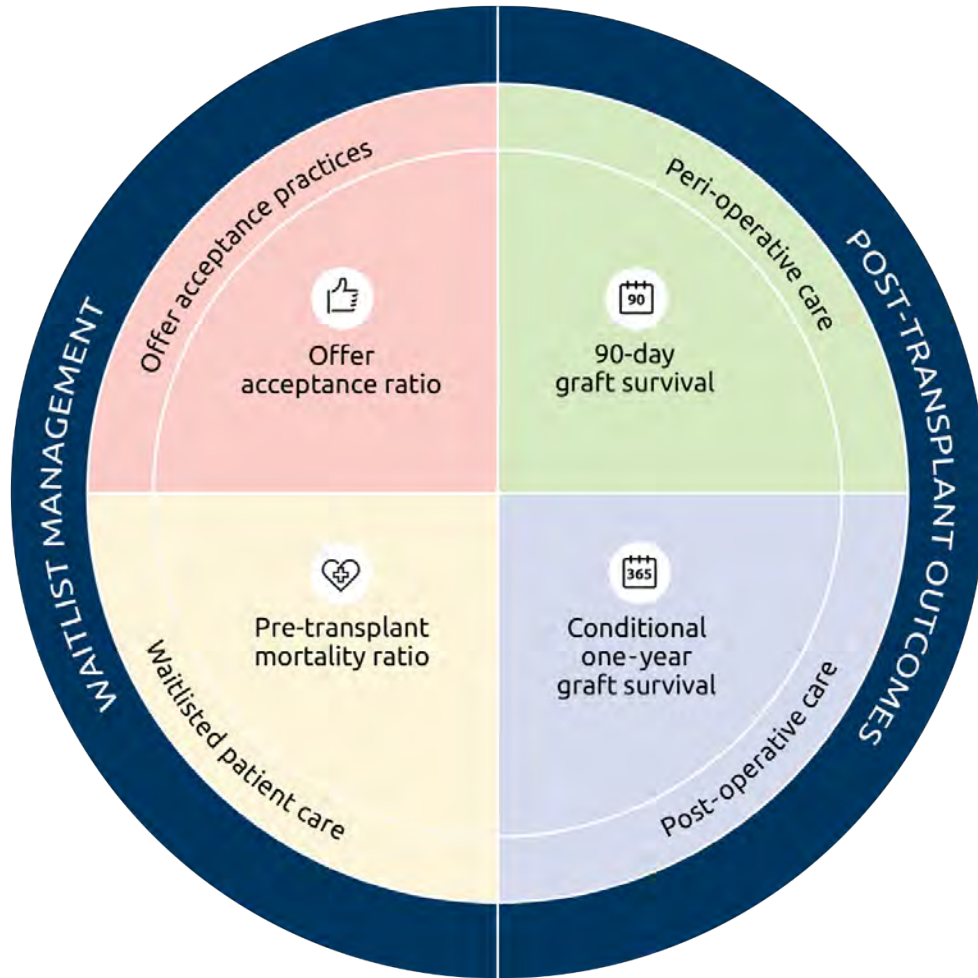
OPTN Membership and Professional Standards Committee (MPSC) Update

Winter 2023

Topics



Transplant Program Performance Monitoring



Implementation Timeline

Implemented July 2022:

- 90-day graft survival hazard ratio
- One-year graft survival conditional on 90-day graft survival hazard ratio

July 2023:

- Offer acceptance rate ratio
- First offer cohort: 1/2022 – 12/2022

July 2024:

- Pre-transplant mortality rate ratio
- First Observation window: 1/2022 – 12/2023

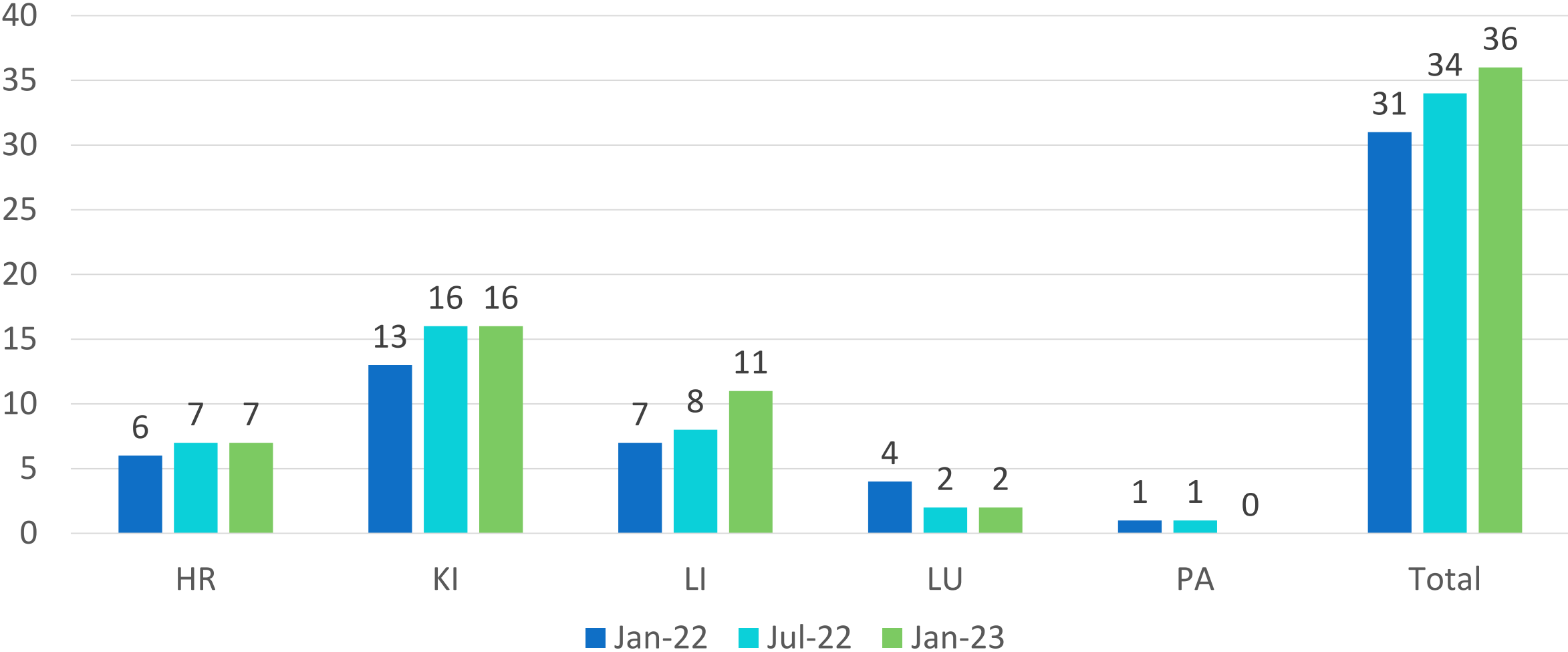
Post-Transplant Graft Survival Metrics

- As expected, the number of post-transplant programs decreased to about half the number identified under previous post-transplant outcomes metric.
- The MPSC evaluates each submission to identify opportunities for member improvement.
- The MPSC also considers whether any programs were identified for review:
 - Due solely to graft failures attributed to COVID-19
 - Because the risk-adjustment models did not account for certain elements that would have substantially changed the program's expected outcome
 - Because the thresholds were set too low identifying too many or the wrong programs

Offer Acceptance

- MPSC will begin evaluating programs based on the offer acceptance rate ratio this July
- MPSC chose to include the offer acceptance metric in the new transplant performance monitoring system because
 - There is significant variability between programs in performance
 - Transplant programs have significant, if not total, control over this metric
 - Encourages behaviors that will increase offer acceptance rates leading to an increase in transplants and efficiency in the system
- Offer acceptance rate ratio criteria
 - **Adult:** Greater than 50% probability that the transplant program's offer acceptance rate ratio is less than 0.30 during a 1 year period
 - **Pediatric:** Greater than 50% probability that the transplant program's offer acceptance rate ratio is less than 0.35 during a 1 year period

Offer Acceptance - Number of Flags



Offer Acceptance Review Process

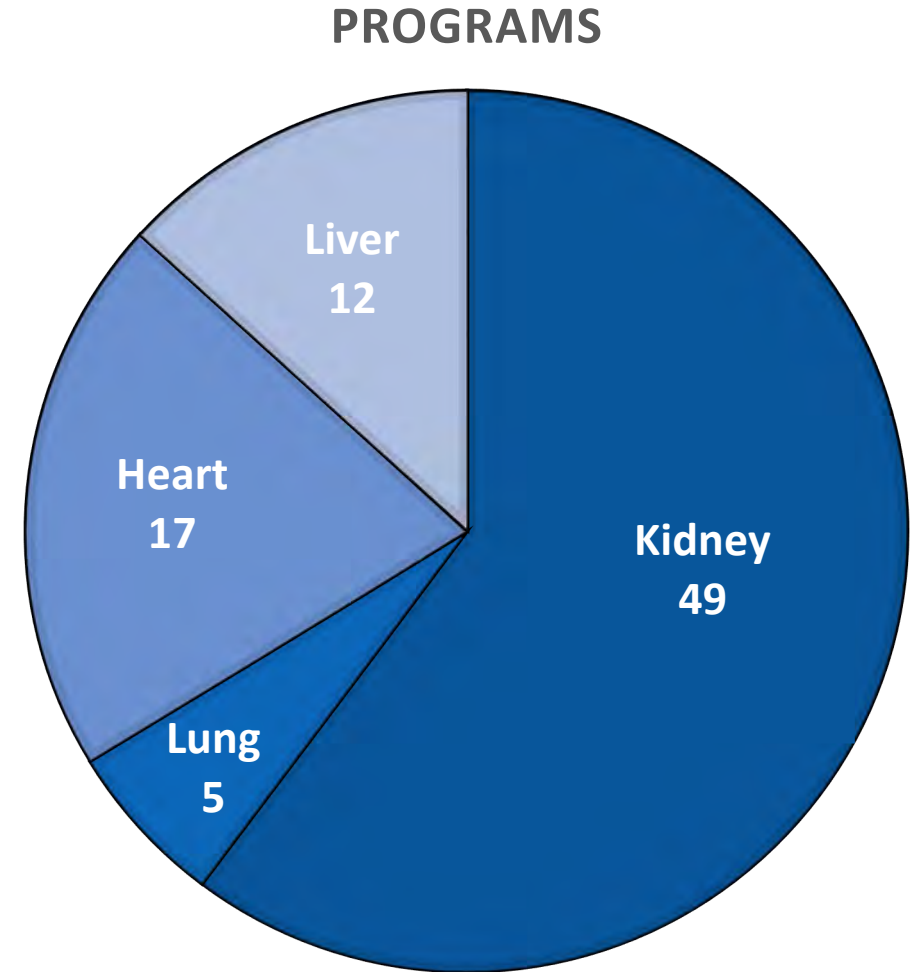
- Tentative plans for review process
- Initial inquiry will request information on:
 - Composition of program
 - Process for consideration and acceptance of offers
 - Process for review of offer acceptance practices and acceptance rates
 - Plan for quality improvement and demonstrated improvement
- Gather insights, useful data and tools during Offer Acceptance Collaborative to enhance the review process

Offer Acceptance Collaborative Timeline



Collaborative Cohort

- 83 programs
 - 67 adult
 - 16 pediatric
- All regions represented
- Mixture of program sizes
- Mixture of offer acceptance rates



OPTN

Offer Acceptance Collaborative

Kickoff Conference

Jan 31–Feb 1, 2023 Orlando, Florida



Hybrid Meeting

In-person attendance for Collaborative Participants (over 150 members)


Virtual sessions for all members


- Education on new Transplant Performance Monitoring Metrics (MPSC and SRTR)
- OPTN Tools to Drive Improvement (Kidney Offer Filter Tool and Predictive Analytics)
- Effective practices and orientation to the collaborative effort


Effective Practices Document


Additional Resource to be added to the OPTN Website


Enhance Transplant Program Performance Monitoring


 Toolkit

 Background

 Bylaws changes

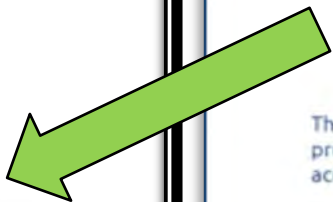
 Implementation timeline

 Risk-adjustment and performance evaluation

 Education and resources

Background

In December 2021, the [OPTN Board of Directors approved bylaw changes](#) that will allow for a more holistic evaluation of transplant programs. [OPTN Bylaws](#) outline membership requirements for organizations and individuals to participate in the U.S. transplant network.



Effective Practices to Improve Offer Acceptance

Patients benefit and the transplant system is more efficient when the OPTN community adopts a culture of continuous improvement and shares effective practices related to donation and transplant.

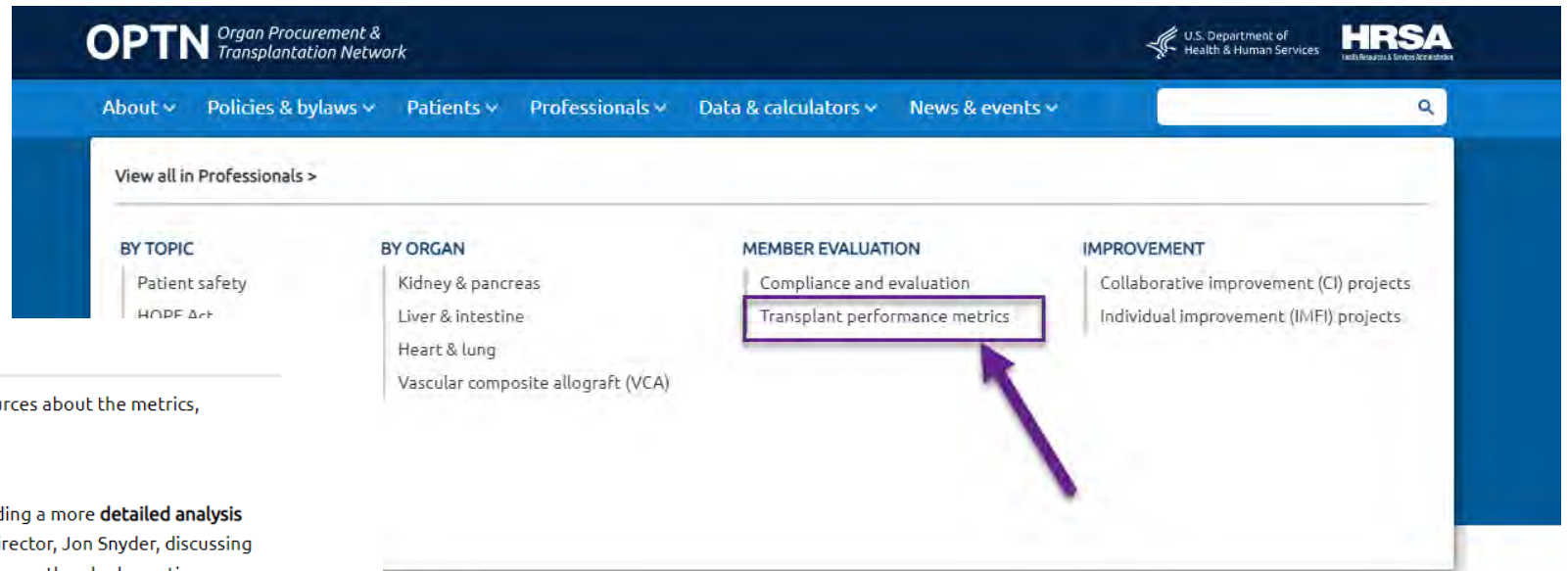


The practices outlined in this document were collected from transplant programs that have demonstrated greater-than-expected success with offer acceptance rates.

These programs included representation from all organ groups across the nation, a variety of transplant volumes, and spanned both adult and pediatric.

The OPTN encourages programs to consider these approaches for continuous improvement with process and practices related to offer acceptance.

OPTN Performance Metrics Toolkit



Education and resources

The proposal's [public comment page](#) has information and educational resources about the metrics, including:

- A **video introduction** of the changes outlining what's involved
 - A recording of an Aug. 4, 2021, webinar with Rich Formica, M.D., providing a more **detailed analysis**
 - A September 2021 recording of MPSC chair, Ian Jamieson, and SRTR director, Jon Snyder, discussing the **four evaluation metrics involved**, including risk-adjustment and frequently asked questions
-
- **Download the PDF:** [Enhanced Transplant Program Performance Metrics](#) provides a quick review about how risk adjustment works for the four metrics used to evaluate performance
 - **Download the PDF:** [Effective Practices to Improve Post-transplant Outcomes](#)

Instruction

[Use this link](#) to access these professional education resources and learning modules:

- **QLT150:** MPSC transplant program performance monitoring
- **QLT151:** MPSC post-transplant outcomes and risk adjustment (confers CEPTC credits)
- **QLT152:** MPSC Offer Acceptance Rate Ratio and Risk Adjustment (confers CEPTC credits)
- **QLT153:** MPSC pre-transplant mortality rate ratio and risk adjustment (confers CEPTC credits)
- **QLT107-D:** Effective practices for improving post-transplant outcomes
 - [Also available as a PDF](#)

Reporting of Patient Safety Events

- OPTN Policies require members to report certain, specific events
 - potential donor-derived disease transmissions
 - certain living donor adverse events
 - recipient deaths and graft failures
- OPTN Bylaws contain general requirement for members to report potential noncompliance with OPTN Obligations.
- OPTN contract requires notification to MPSC leadership and HRSA when members report certain, specific serious patient safety events that are not currently specified in OPTN policy
- Expected Public Comment Proposal in Summer 2023

Allocations Monitoring Subcommittee

- The MPSC observed a large increase in the number of allocations out of sequence (AOOS)
- Formed subcommittee to review increase and evaluate MPSC's processes for monitoring
- Working to determine root cause; noted increases coincide with:
 - Increase in organ utilization
 - New Centers for Medicare & Medicaid Services (CMS) OPO performance metrics
 - Changes to OPTN kidney and liver allocation policies
- In most instances, OPOs are attempting to allocate hard-to-place organs, decrease cold ischemic time (CIT), and/or place organs after “late declines” by transplant programs.

Allocations Monitoring Subcommittee

- MPSC is focusing on improving monitoring of allocations out of sequence by:
 - Evaluating aggregate data to identify any concerning patterns and trends in AOOS
 - Creating specific triggers to identify individual allocations requiring in-depth review
 - Evaluating SRTR organ yield data to identify donor and/or recipient characteristics that suggest an organ will be hard-to-place and may not require in-depth review
 - Considering possible definitions of “late decline” and inquiring with transplant programs accordingly
 - Considering increased data collection that can improve allocation monitoring and make recommendations to the OPTN Data Advisory Committee as needed

Revise OPO Performance Metrics

- The MPSC is evaluating potential changes to OPTN OPO performance metrics
- MPSC currently uses the donor organ yield metric to evaluate OPO performance
- There is a recognition in the community that the “eligible donor” definition in OPO performance metrics has limited potential with respect to expanding the pool of available donors and does not adequately measure OPO growth and performance.
- OPTN ad hoc System Performance Committee (SPC) report recommended development of additional measures of OPO performance.

Revise OPO Performance Metrics

- The MPSC used the following principles to select transplant program performance metrics. To evaluate member performance, the MPSC should use metrics that:
 - measure activities that are clearly within OPTN authority,
 - the member can impact,
 - the member is responsible for,
 - have a clearly desired outcome,
 - are risk adjusted,
 - incentivize behavior that will increase transplantation, and
 - do not require collection of new data or development of a new metrics.

Revise OPO Performance Metrics

- Since issuance of the SPC report of recommendations, CMS has finalized OPO performance metrics.
- MPSC in early analyzing the problem stage of project focusing on the goal and scope of this project including
 - Whether to apply the same principles to this project?
 - Should OPO performance monitoring be focused on the allocation phase, including the considerations related to allocation monitoring described on a previous slide?
 - Should new metrics be developed that align with principles on the previous slide or should the focus be on providing support to OPOs to meet the CMS requirements?

Feedback or Questions

- We welcome your questions or feedback
- Additional feedback you would like to provide following this meeting can be sent to MPSCReports@unos.org.