

OPTN Ad Hoc Multi-Organ Transplantation Committee
Meeting Summary
October 12, 2021
Conference Call

Charles Alexander, RN, MSN, MBA, CPTC, Chair

Introduction

The Ad Hoc Multi-Organ Transplantation Committee met via Citrix GoToMeeting teleconference on 10/12/2021 to discuss the following agenda items:

1. Data request results comparing Kidney-alone and Heart-Kidney candidates
2. Draft policy development
3. Data element review and next steps

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

1. Data request results comparing Kidney-alone and Heart-Kidney candidates

UNOS Research staff presented the data request that the Committee submitted following the September 20 meeting. The data request analyzed the eGFR for Heart-Kidney (HR-KI), Lung-Kidney (LU-KI), and Liver-Kidney (SLK) recipients and reviewed the current Simultaneous Liver-Kidney (SLK) safety net priority allocation.

Data summary:

When comparing the eGFR for Heart-Kidney (HR-KI), Lung-Kidney (LU-KI), and Liver-Kidney (SLK), SLK had a lower eGFR at the time of transplants compared to HR-KI and LU-KI recipients.

When reviewing current SLK safety net policy allocation, the data showed that most safety net kidney transplants receive a donor kidney with a Kidney Donor Profile Index (KDPI) of 35-85%, with only 3 recipients receiving a kidney with KDPI of 86-100%. The data showed that the demographics are similar for recipients of donor kidneys with a KDPI of 21-34% and 35-85%.

Summary of discussion:

eGFR for Heart-Kidney Recipients

The Chair asked how this data analysis influences the Committee's ability to apply consistent measures for simultaneous listing and safety net. UNOS Research staff responded that the analysis can be used to inform eligibility criteria for simultaneous listing by showing, of the formerly transplanted MOT recipients, who would be required to receive a simultaneous offer from the proposed policy. Those who do not meet the eligibility criteria for a required simultaneous organ offer could still be eligible for the safety net.

A member commented that the analysis might have been more valuable if it considered the simultaneous liver-kidney patients before the policy was implemented to better depict how the number of MOT patients changed because of the policy. This alternative data could help show how the safety net took care of the patients who did not receive a simultaneous organ offer. A member echoed this sentiment and emphasized the value in seeing how the skew of the graphs change before and after SLK

implementation. A member expressed concern that with the way the current graphs are skewed it may appear that the organs in comparison are biologically different but that is not the case.

A member commented that the report indicated a higher Estimated Glomerular Filtration Rate (eGFR) at discharge for heart-kidney recipients and inquired if the policy needed to be more restrictive. A member noted that the eGFR at time of discharge does not accurately capture delayed graft function and suggested comparing eGFR at 1-3 months post-transplant for more accuracy. A member also suggested comparing eGFR pre and post-transplant to provide a clearer idea if the kidney transplant was actually needed.

Review of Current SLK Safety Net Priority Allocation

Members did not have any questions regarding the SLK safety net data.

2. Draft policy development

UNOS staff provided an overview of the Committee's progress to date in developing the policy.

Summary of discussion:

A member asked why the Lung-Kidney policy specified eligibility for candidates less than 12 instead of candidates less than 18 years old. UNOS staff clarified that candidates under 12 years of age do not have a Lung Allocation Score (LAS) and noted that the policy is the same for all lung candidates under the age of 18.

3. Data element review and next steps

UNOS staff is working on the data element review, which will be similar to what is collected for the SLK data, and circulate it to the Committee for their feedback as needed.

Upcoming Meetings

- November 1, 2021
- November 22, 2021
- December 13, 2021
- January 10, 2022
- February 14, 2022
- March 14, 2022
- April 11, 2022
- May 9, 2022
- June 13, 2022

Attendance

- **Committee Members**
 - Alejandro Diez
 - Charles Alexander
 - Chris Curran
 - Evelyn Hsu
 - James Sharrock
 - Jennifer Prinz
 - Kurt Shutterly
 - Marie Budev
 - Molly McCarthy
 - Nicole Turgeon
 - Oyedolamu Olaitan
 - Sandra Amaral
 - Stacy McKean
 - Vincent Casingal
- **HRSA Representatives**
 - Jim Bowman
- **SRTR Staff**
 - Jon Miller
 - Jon Snyder
 - Katie Audette
- **UNOS Staff**
 - Amber Wilk
 - Elizabeth Miller
 - Eric Messick
 - Holly Sobczak
 - Krissy Laurie
 - Laura Schmitt
 - Leah Slife
 - Matt Prentice
 - Melissa Lane
 - Nicole Benjamin
 - Rebecca Goff
 - Rebecca Marino
 - Ross Walton
 - Susan Tlusty
 - Terry Cullen