

**OPTN Liver & Intestinal Organ Transplantation
PELD/Status 1B Criteria Workgroup
Meeting Summary
November 19, 2020
Conference Call**

Evelyn Hsu, M.D., Chair

Introduction

The PELD/Status 1B Criteria Workgroup (the Workgroup) met via Citrix GoToMeeting teleconference on 11/19/2020 to discuss the following agenda items:

1. Updated PELD Score: Next Steps
2. Delta PELD/MELD – Rapid Downward Trajectory of Illness
3. Updated PELD Score Derivation Request

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

1. Updated PELD Score: Next Steps

The Workgroup was informed the next steps for the project are to submit a request to derive an updated PELD score using variables currently collected by the OPTN, model the updated PELD score to predict the impact on waitlist metrics, and then to propose an updated PELD score.

The Workgroup was further informed that some of the previously identified potential predictors of pediatric waitlist mortality are not collected by the OPTN, therefore cannot be used to derive an updated PELD score.

The Workgroup reviewed the list of characteristics and what is collected, what could be calculated, and what was not collected. A Workgroup member suggested using creatinine for renal function in addition to eGFR. The member further commented they consider both high and low values problematic and the Workgroup agreed.

2. Delta PELD/MELD – Rapid Downward Trajectory of Illness

Workgroup members presented a report on delta MELD/PELD and downward trajectory of illness.

Summary of Data:

Workgroup members presented summaries from multiple clinical studies on downward trajectory of illness. The studies concluded:

- PELD/MELD spike conferred extra short term mortality risk among pediatric liver candidates with PELD/MELD greater than or equal to 31
- This additional risk was equivalent to several additional PELD/MELD points

Summary of Discussion:

The Workgroup considered how to include these factors in the PELD score derivation request.

3. Updated PELD Score Derivation Request

The Workgroup discussed what variables should be included in the PELD score derivation request and what data is collected or can be calculated.

The Workgroup discussed what cohort should be used in the derivation request. They also discussed if additional points should be added to the updated PELD score to adjust for age-adjusted waitlist mortality. The Workgroup agreed to continue considering other factors that may predict pediatric waitlist mortality that are not collected by the OPTN as potential reasons for additional pediatric priority.

Next Steps:

The Workgroup will continue to discuss contributing factors to waitlist mortality in future meetings. The updated PELD score will be derived simultaneously.

Upcoming Meetings

- December 17, 2020

Attendance

- **Workgroup Members**
 - Clark Andrew Bonham
 - Evelyn Hsu
 - Regino Gonzalez-Peralta
 - Julie Heimbach
 - Steven Lobritto
 - George Mazariegos
 - Douglas Mogul
 - John Magee
 - Emily Perito
 - Sara Rasmussen
 - Jorge Reyes
 - Sarah Schwarzenberg
- **HRSA Staff**
 - Jim Bowman
- **SRTR Staff**
 - Michael Conboy
 - David Schladt
 - Tim Weaver
 - Andrew Wey
- **UNOS Staff**
 - Matt Cafarella
 - Julia Foutz
 - Betsy Gans
 - Victor Melendez
 - Samantha Noreen
 - Kelley Poff
 - Leah Slife
 - Karen Williams
 - Joann White
- **Other Attendees**
 - Nicholas Wood