

**OPTN/UNOS Thoracic Committee
Meeting Summary
August 11, 2016
Conference Call**

**Kevin Chan, MD, Chair
Ryan Davies, MD, Vice Chair**

Discussions of the full committee on August 11, 2016 are summarized below. All committee meeting summaries are available at <https://optn.transplant.hrsa.gov>.

Committee Projects

1. Modifications to Adult Heart Allocation Proposal

The Committee discussed proposed data elements to collect as part of the Modifications to Adult Heart Allocation proposal. In the previous public comment cycle, the Committee received feedback from the transplant community that the Committee should pursue a heart allocation score project in the future.

The Committee previously concluded that a heart allocation score was not feasible as the OPTN does not currently collect enough data to inform a heart allocation score. To enable the Committee to develop a heart allocation score in the future, the Committee proposed collecting a broad range of data, inviting the transplant community to comment on which data should ultimately be included, based on their potential to predict waiting list mortality or post-transplant survival. The list is purposefully broad, as the Committee anticipates the transplant community will recommend paring the list down to the most critical data elements. The Committee voted unanimously (15-0) to include the list of proposed data elements (below) be included in the Modifications to Adult Heart Allocation proposal.

List of Data Elements that May Be Predictive of Waiting List Mortality or Post-Transplant Survival
Hemodynamic Data
Central Venous Pressure (CVP)
Pulmonary Artery Systolic Pressure (PASP)
Pulmonary Artery Diastolic Pressure (PADP)
Pulmonary Capillary Wedge Pressure (PCWP)/LVEDP
Cardiac Output (Fick or Thermodilution)
Cardiac Index
Systolic Blood Pressure (SBP)
Diastolic Blood Pressure (DBP)

List of Data Elements that May Be Predictive of Waiting List Mortality or Post-Transplant Survival

Invasive pulmonary artery catheter or daily hemodynamic monitoring to measure cardiac output and left ventricular filling pressures? Is this a data element?

Were hemodynamic values obtained while the patient was on medical or mechanical support? (pull down menu or text box to describe)

Vital Signs Date

Resting Heart Rate (on same date as hemodynamic tests)

Mixed venous oxygen saturation (with hemoglobin)

Exercise Testing/Functional Status

Cardiopulmonary Stress Test Date

Peak O₂ Consumption

RER

VE/VCO₂

Six Minute Walk Test Results

Heart Failure Severity/End Organ Function

Sodium

Creatinine

Dialysis and type

BUN

Albumin

Serum Total Bilirubin

Serum Glutamic Oxaloacetic Transaminase (SGOT)

Brain Natriuretic Peptide (BNP) (specify if nt-pro-BNP or BNP)

International Normalized Ratio (INR) (and specify Warfarin)

Arterial lactate

List of Data Elements that May Be Predictive of Waiting List Mortality or Post-Transplant Survival
Number of hospital admissions for heart failure over last 12 months
Heart Failure Therapies
Diuretic Dose/frequency
Detailed Inotrope Use
Anti-Arrhythmics
Continuous Mechanical Ventilation
Pulmonary Vasodilators
Sensitization Data
CPRA
PRA Typing Method
MFI Threshold at the candidate's institution that would predict a positive crossmatch
Operative Risk
Number of Prior Sternotomies

Upcoming Meeting

- October 13, 2016, Chicago