

## Public Comment Proposal

# Guidance on Requested Deceased Donor Information

*OPTN/UNOS Organ Procurement Organization Committee*

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# Guidance on Requested Deceased Donor Information

<i>Affected Policies:</i>	<i>N/A</i>
<i>Sponsoring Committee:</i>	<i>Organ Procurement Organization Committee</i>
<i>Public Comment Period:</i>	<i>January 22, 2018 – March 23, 2018</i>
<i>Board of Director's Date:</i>	<i>June 11-12, 2018</i>

## Executive Summary

The OPTN/UNOS Organ Procurement Organization Committee created this guidance document to address the requested deceased donor information removed from policy as part of a recent public comment proposal. This guidance document is designed to assist members in identifying additional testing and other information needed to best evaluate potential donors.

This guidance document is intended only to provide guidance for OPOs and transplant hospitals. The scope and content should reflect collaboration between OPOs and transplant programs, taking into consideration their needs and best practices. This is *not* intended to be a comprehensive list of all information necessary to evaluate organs for all donors

## What problem will this resource address?

During discussions that led to the elimination of *Policy 2.12: Requested Deceased Donor Information*, there was some concern about the information not being available as a reference. The OPO Committee agreed that while the requested information should not be included in policy, the information should be available to OPOs and transplant hospitals if needed.

## Why should you support this resource?

This resource addresses the concerns raised about the elimination of the requested deceased donor information from OPTN policy.

## How was this resource developed?

This guidance was developed during discussions with the OPO Committee's System Optimizations Work Group ("work group"). During the development of the initial proposal, the work group determined that *Policy 2.12: Requested Deceased Donor Information* should be removed from policy since the information is not required. The work group acknowledged that deceased donor information, beyond what is required in OPTN policy, may be needed for certain donors in order for transplant hospitals to evaluate potential donor organs.

In December 2017, the Board of Directors approved changes to several sections of policy. These included:

### *Policy 2.2 OPO Responsibilities*

- Requiring host OPOs to ensure all the deceased donor information is provided according to *Policy 2.11: Required Deceased Donor Information*.
- Removing required deceased donor information that has been moved to Policy 2.11

### *Policy 2.11 Required Deceased Donor Information*

- Increased the list of required information for all deceased donors, including the creation of broad categories for certain donor information such as donor medical history and donor management information.
- Eliminating redundant information and information that gets captured as part of the broader categories. For example, smoking history is captured as part of the medical history as well as individual lab testing results.

### *Policy 2.12: Requested Deceased Donor Information.*

Removal of this section of policy since the information is not required. The work group agreed that a guidance document should be developed that will outline best practices from both a transplant hospital and OPO perspective. For example, what type of donors might require additional tests outside of a normal donor evaluation?

## How well does this resource address the problem statement?

This resource addresses the concerns raised about the elimination of the requested deceased donor information from OPTN policy.

## Which populations are impacted by this resource?

No known impact to transplant candidates.

## **How does this resource impact the OPTN Strategic Plan?**

1. *Increase the number of transplants:* There is no impact to this goal
2. *Improve equity in access to transplants:* There is no impact to this goal
3. *Improve waitlisted patient, living donor, and transplant recipient outcomes:* There is no impact to this goal
4. *Promote living donor and transplant recipient safety:* There is no impact to this goal
5. *Promote the efficient management of the OPTN:* This resource promotes the efficient management of the OPTN by providing information to members without adding additional requirements.

## **How will the OPTN implement this resource?**

This proposal will not require programming in UNet<sup>SM</sup>.

## **How will members implement this resource?**

This guidance does not require any member action. This document will be available as a reference on the OPTN website following approval by the Board of Directors.

## **Will this resource require members to submit additional data?**

This proposal does not require additional data collection.

## **How will members be evaluated for compliance with this resource?**

Guidance from the OPTN does not carry the weight of policies or bylaws. Therefore, members will not be evaluated for compliance with this document.

# Guidance Document

## Guidance on Requested Deceased Donor Information

### Introduction

The OPTN/UNOS Organ Procurement Organization (the Committee) created this guidance document in order to provide additional information on deceased donor information and testing. This guidance document is designed to assist members in identifying additional testing needed to best evaluate potential donors.

This guidance document is intended only to provide guidance for OPOs and transplant hospitals. The scope and content should reflect collaboration between OPOs and transplant programs, taking into consideration their needs and best practices. This guidance document is *not* intended to be a comprehensive list of all information necessary to evaluate organs for all donors.

### Kidney

With each kidney offer, the host OPO should provide the receiving transplant program with the following biopsy information for kidneys with a Kidney Donor Profile Index (KDPI) score greater than 85% and donors with a significant history of hypertension, diabetes, or acute kidney injury:

- The biopsy sample should capture a minimum of 25 glomeruli
- A frozen or fixed section slide, or the biopsy material, may accompany the kidney

Pictures of the kidney and vessels are recommended if there are noted anatomical abnormalities.

If machine perfusion is used, the host OPO should provide the pump parameters, such as flow and resistance.

### Liver

A transplant hospital may request a pre-procurement liver biopsy for any of the following indications:

- Greater than 70 years of age
- Body mass index greater than 35
- Hepatitis
- History of long-standing alcohol abuse
- History of diabetes if greater than 5 years
- Evidence of echogenic/heterogenic (fatty) changes in the liver on imaging

Relative contraindications for pre-procurement liver biopsy:

- Disseminated intravascular coagulation/coagulopathies
- Platelet count less than 80,000 per mL
- Current aspirin or blood thinner therapy
- Hemodynamic or respiratory instability

- 42 • Active hemorrhage
- 43 • Donation after cardiac death (DCD) donor

44  
45 Pictures of the liver biopsy slides are recommended

46  
47 CT scan/imaging is recommended if the liver is being considered for a split

48  
49 **Heart**

50 With each heart offer, the host OPO should provide the following information to the receiving  
51 transplant hospital:

- 52
- 53 • Coronary angiography (for male donors over 40 years old or female donors over 45  
54 years old)
- 55 • Central venous pressure (CVP) or stroke volume variation (SVV), and Cardiac output/  
56 Cardiac index, if available
- 57 • EKG, Echocardiogram including left ventricular (LV) systolic and diastolic dimensions,  
58 Septal wall thickness (diastolic), LV posterior wall thickness (diastolic) (Transesophageal  
59 echocardiography if echo not available or of poor quality)
- 60 • Cardiac enzyme panel, including troponin, creatinine phosphokinase (CPK) isoenzymes,  
61 and serum creatinine kinase MB (CKMB)

62  
63 A transplant hospital may request a left and/or right heart catheterization of the deceased donor  
64 where the donor's medical or social history reveals at least *one* of the following past medical  
65 histories:

- 66
- 67 • Segmental wall motion abnormality on echo
- 68 • Troponin elevation
- 69 • Significant smoking
- 70 • History of chest pain
- 71 • Abnormal electrocardiogram (ECG) consistent with ischemia or myocardial infarction
- 72 • Additional requests for a heart catheterization may be indicated by the following:
  - 73 ○ Cocaine or amphetamine use
  - 74 ○ Diabetes (Insulin-dependent diabetes mellitus)
  - 75 ○ Hyperlipidemia
  - 76 ○ Hypertension
  - 77 ○ Strong family history of coronary artery disease
  - 78 ○ Morbid obesity/High BMI (>35)

79  
80 **Note:** Transplant Center may request access to view digital imaging remotely and request a  
81 copy of imaging on a disk.

82  
83 **Lung**

84 The host OPO should provide *all* of the following information to the receiving transplant hospital:

- 85
- 86 • Measurement of chest circumference at the level of nipples
- 87 • Measurement by chest x-ray vertically from the apex of the chest to the apex of the  
88 diaphragm and transverse at the level of the diaphragm
- 89 • Mycology sputum smear

- 90 • Non-contrast computed tomography (CT) scan of the chest in the following situations
- 91     o Significant smoking history
- 92     o Chest trauma with suspected pulmonary contusions
- 93     o Documentation of suspected aspiration or evidence of it upon bronchoscopy
- 94
- 95 • Every attempt should be made to obtain a bronchoscopy, however, there may be certain
- 96     circumstances where this is not possible, such as no qualified individual or physician
- 97     available, lack of equipment in certain small donor hospitals, or DCD donor situations
- 98 • Lung team may request an echo or a Swan Ganz if suspected pulmonary hypertension
- 99     in donor

100

101 **Note:** Transplant Center may request access to view digital imaging remotely and request a

102 copy of imaging on a disk.

103

104 **Pancreas**

- 105 • Provide images of organ

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