

The OPTN presents:

The New Kidney Allocation System: What Referring Physicians Need to Know



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Objectives

- Explain the new kidney allocation policy and its goals
- Summarize basic changes in allocation components for deceased donor kidneys
- Describe patient indicators appropriate for transplant evaluation referral
- List resources for additional information including education of patients

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Why change kidney allocation?

- Current Limitations
 - High kidney discard rates
 - Variability in access to transplant
 - Unrealized graft years
 - Unnecessarily high re-transplant rates

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Predicted outcomes of the change

- Approximately **8,000** additional life years gained annually
- Improved access for:
 - **highly sensitized** candidates
 - **ethnic minority** candidates
- Comparable levels of kidney transplants at regional/national levels

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Major allocation components

Replace SCD/ECD with KDPI	Incorporate A ₂ /A ₂ B to B
Add longevity matching	Base pediatric priority on KDPI
Increase priority for sensitized candidates/CPRA sliding scale	Remove payback system
Include pre-registration dialysis time	Remove variances

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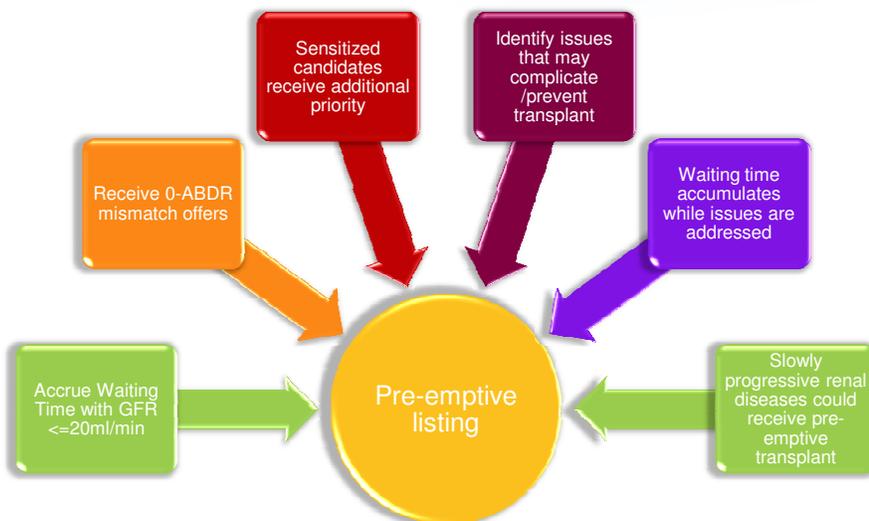
Implementation

Phase I	Phase II
<ul style="list-style-type: none"> • Data updates required • New reports released • Calculators made available 	<ul style="list-style-type: none"> • New allocation rules applied • Variances turned off • Payback system turned off
Anticipated mid 2014	Anticipated end 2014

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Importance of early referral



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Revised waiting time calculation

Current

Waiting time begins at/after registration with GFR ≤ 20 ml/min **OR** On Dialysis

New

Waiting time points awarded for dialysis prior to registration (pediatric and adults)

- Recognizes time spent with ESRD as basis for priority

Reminder

Waiting time points based on GFR remains the same

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Sequence A	Sequence B	Sequence C	Sequence D
Highly Sensitized	Highly Sensitized	Highly Sensitized	Highly Sensitized
0-ABDRmm (top 20% EPTS)	0-ABDRmm	0-ABDRmm	0-ABDRmm
Prior living donor	Prior living donor	Prior living donor	Local + Regional
Local pediatrics	Local pediatrics	Local	National
Local adults	Local adults	Regional	
Local top 20% EPTS	Regional pediatrics	National	
0-ABDRmm (all)	Regional adults		
Local (all)	National pediatrics		
Regional pediatrics	National adults		
Regional (top 20%)			
Regional (all)			
National pediatrics			
National (top 20%)			
National (all)			

0-ABDR Mismatch Priority

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Sensitized candidates

Current

CPRA $\geq 80\%$ receive 4 additional points and zero points for moderately sensitized candidates

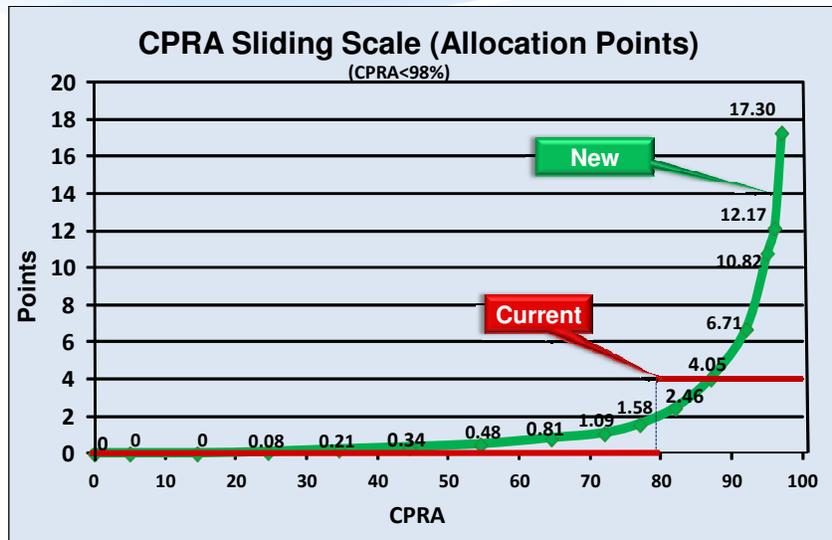
New

Points assigned based on a sliding scale starting at CPRA $\geq 20\%$

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Point changes: Sensitization



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Sequence A	Sequence B	Sequence C	Sequence D
Highly Sensitized	Highly Sensitized	Highly Sensitized	Highly Sensitized
0-ABDRmm (top 20% EPTS) Prior living donor Local pediatrics Local top 20% EPTS 0-ABDRmm (all) Local (all) Regional pediatrics Regional (top 20%) Regional (all) National pediatrics National (top 20%) National (all)	0-ABDRmm Prior living donor Local pediatrics Local adults Regional pediatrics Regional adults National pediatrics National adults	0-ABDRmm Prior living donor Local Regional National	0-ABDRmm Local + Regional National

New categories for highly sensitized candidates

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Early referral

- There is no established system to ensure that medically appropriate candidates are referred for transplantation



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Guidance on early referral

- Patients with chronic kidney disease (**Stage 3 or higher**) or ESRD should be referred for transplant evaluation



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Guidance on early referral

- Pre-emptive transplant and timely, early referral is the goal
 - GFR range = 25-30
- Education about transplant must begin before ESRD to be most effective
 - Stage 3-4 CKD
- Begin discussing the importance of living donors
- Initiate weight loss and smoking cessation counseling as necessary

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Kidney Allocation System Communication, Education, and Resources

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Resources for professionals

- Kidney Allocation Toolkit
 - FAQs
 - Sample messaging for discussing changes with patients
 - Patient brochure
 - Guidance for early referral considerations

Subscribe to RSS feeds and a monthly newsletter
<http://transplantpro.org/kidney-allocation-system/>

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More information

OPTN web site - <http://optn.transplant.hrsa.gov>

UNOS web site* - <http://www.unos.org>

Transplant Living* - <http://www.transplantliving.org>

Transplant Pro* - <http://transplantpro.org>

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