OPTN Leadership Update
Summer 2021
Donation and transplant numbers
2020 | Most lives ever saved by deceased donors

More than 33,000 life-saving transplants from deceased donors*

10th record year in a row for deceased donation*

*Graphic updated 1/21/2021. Based on OPTN data as of 1/11/21. Data subject to change based on future data submission or correction.
2021 Donation and Transplant data

YTD Deceased donors recovered

Deceased donor transplants
COVID-19 updates
## COVID-related policy status

<table>
<thead>
<tr>
<th>Policy</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Updating Candidate Data During COVID-19 Emergency</td>
<td>Repealed April 26, 2021, effective <strong>July 27, 2021</strong>.</td>
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<tr>
<td>Relax Data Submission Requirements for Follow-up Forms (&quot;amnesty policy&quot;)</td>
<td>Repealed March 1, 2021; forms due March 13, 2020 through March 31, 2021 due <strong>July 1, 2021</strong></td>
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<tr>
<td>Modify Wait Time Initiation for Non-Dialysis Kidney Candidates</td>
<td>Repealed June 14, 2021, effective <strong>September 1, 2021</strong>.</td>
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<tr>
<td>Incorporate COVID-19 Infectious Disease Testing into DonorNet®</td>
<td>Permanent and required – implementation date <strong>January 27, 2021</strong></td>
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<tr>
<td>Lower Respiratory SARS-CoV-2 Testing for Lung Donors</td>
<td>Emergency and required – implementation date <strong>May 27, 2021</strong></td>
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</tbody>
</table>
Data amnesty update

- Vast majority of forms have been submitted
- Less than 0.5% of each form type still expected
- Median Number of Forms by Center is 0

<table>
<thead>
<tr>
<th>Form Type</th>
<th>N (%)</th>
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<tbody>
<tr>
<td>LDF</td>
<td>80 (0.4%)</td>
</tr>
<tr>
<td>PTM</td>
<td>40 (0.4%)</td>
</tr>
<tr>
<td>TRF</td>
<td>1,798 (0.4%)</td>
</tr>
</tbody>
</table>
COVID testing in lung donors

Number of transplanted lung donors by month and LRT

- Jan 2021: 127 (67.2%) Lower Respiratory Testing, 62 (32.8%) No Lower Respiratory Testing
- Feb 2021: 119 (64.3%) Lower Respiratory Testing, 66 (35.7%) No Lower Respiratory Testing
- Mar 2021: 108 (47%) Lower Respiratory Testing, 122 (53%) No Lower Respiratory Testing
- Apr 2021: 74 (31.8%) Lower Respiratory Testing, 159 (68.2%) No Lower Respiratory Testing
- May 2021: 34 (15%) Lower Respiratory Testing, 192 (85%) No Lower Respiratory Testing
- Jun 2021: 222 (100%) No Lower Respiratory Testing
Other COVID updates

• Donations and transplants are up
• Registrations are stable
• Summer 2021 regional meetings converted to virtual format
• Site surveys phasing back in, with process improvements
• UNOS staff on hybrid schedules
• Committees and Board planning for in-person meetings later in 2021
One Year Results: Equity in Liver Allocation

While one year of data is not sufficient to draw long term conclusions, we can observe that...

- ...there is a **reduction in the geographic variability** in how long patients wait for a transplant.

- ...**transplant rates for more urgent candidates** and for pediatric candidates between the ages of 12 and 17 **increased**.

- ...transplant rates increased the most for **Black medically urgent candidates**.

- ...the number of **waiting list removals decreased for reasons of patient death** or being too sick to transplant.

- ...the **median distance between donor hospital and transplant hospital has increased** (72 to 141 nautical miles for adult transplants), particularly for medically-urgent adults. The median cold ischemic time, however, increased only slightly (12 minutes for adult transplants).

- There was no significant difference in 6-month patient survival.
3-Month Data Report Results: Removal of DSA and Region from Kidney Allocation

- Transplant volumes increased
  - Pediatrics
  - Black and Hispanic candidates
  - Higher dialysis time candidates
  - CPRA 80-97%

- Overall discard rate did not increase

- More kidneys are distributed outside the donor hospital DSA, but most stay within 250 NM

- Results align with KPSAM modeling used to inform policy development
Systems Thinking
Systems Performance Committee

- OPTN Ad Hoc Systems Performance Committee recommendations serve as basis for system-level improvements, both within and outside of OPTN authority

- Report results baked into 2021-2024 OPTN Strategic Plan

https://optn.transplant.hrsa.gov/members/committees/ad-hoc-systems-performance-committee/
Select Systems-Level improvement projects

- Image Sharing
- Recovery and Usage Maps (RUM)
- Report of Organs Offered (ROO)
- DonorNet Mobile
- APIs
- Predictive analytics on the way!

*Detail on slides 11-17
**Detail on slides 18-
Improving the offer system

- **Phase I: Develop framework/standardization of processes**
  - Defining provisional yes offers and outlining the responsibilities of members
  - Offer Filters for Kidney
  - Modify amount of offers sent out
  - Time Limits on Offers

- **Phase II: Dynamic match run**
  - Capability to filter off candidates from match run who no longer meet acceptance criteria once donor information is updated
  - Continuously evolving match run
Transplant Program Performance Metrics

The goal is to monitor for patient safety concerns and opportunities for transplant program process improvement.

- No performance concerns.
- Transplant programs perform self evaluation with assistance, if desired, from their peers.
- MPSC involvement

Available for public comment through September 30th
Transplant Program Performance Metrics

- **Offer acceptance**: Program’s rate of accepting organ offers relative to the national average.
- **Waitlist mortality**: Program’s waitlist mortality rate relative to the national average.
- **90-day graft survival hazard ratio**: In the first 90 days post-transplant, a graft is counted as failed if there has been graft failure or death.
- **One-year graft survival conditional on 90-day graft survival hazard ratio**: After the patient has been released to longer-term post-transplant care, a graft is counted as failed if there has been graft failure or death.
2022 OPTN fee
OPTN registration fees – 2016-2022

Equivalent annual increase 1.1%
Board and committee service
Current OPTN committee demographics

**Gender**
- Female: 50%
- Male: 50%

**Race/Ethnicity**
- Caucasian (non-Hispanic): 68%
- African American: 4%
- Hispanic/Latino: 8%
- Asian/Indian Sub-Continent: 16%
- Not disclosed: 3%
- Other: 1%
- American Indian: <1%
Current Board of Directors demographics

Gender

- Male, 23, 55%
- Female, 19, 45%

Race/Ethnicity

- Caucasian, 29, 69%
- African American, 5, 12%
- Asian/Indian Subcontinent, 4, 10%
- Hispanic/Latino, 3, 7%
- Decline to answer, 1, 2%
optn.hrsa.transplant.gov

members

get involved