Executive Summary:
ORGAN: Organ referrals are stable data has been reviewed to assure no missed cases. Number of eligible deaths is in line with previous high preforming years. Conversion rate near national benchmark - two family declines. OPTD is on target. Definition of timely referral under discussion (June 8, 2011 Region 5 meeting). Medical record review shows equal number of delays in referral of trauma patients in ED and medical patients in ICU (progressive neuro symptoms or withdrawal discussions). Preliminary review of data based on proposed definition would improve timeliness to nearly 90%.
TISSUE: Tissue referral rate is not yet at 100%; most missed referrals are organ referrals who are ruled out and need to be called back in at the time of death. Timeliness has improved. Low

Recommendations/Actions:
1. Continue to engage Medicine team
2. Active involvement of NeuroCritical Care Specialist beginning in 2012
3. Continue aggressive donor management and devastating brain injury protocol.
4. Consider tissue referral education.

EMPIRICAL DATA

Referrals

Donors

2010 Total: 4
2011 Total: 11

Eligible Deaths

DCD Donors
**Conversion Rate**
Annual Rate (10) = 56%  
Annual Rate (11) = 73%

**Organs Transplanted Per Donor - SCD**
Annual OTPD (10) = 3.67  
Annual OTPD (11) = 3.70

**Organs Transplanted Per Donor - ECD**
Annual OTPD (10) = 3.00  
Annual OTPD (11) = 6.00

**Organs Transplanted Per Donor - DCD**
Annual OTPD (10) = n/a  
Annual OTPD (11) = n/a
**Organ Donor Council**

**Performance Improvement Dashboard**

**Q3 11**

**PROCESS MEASURES**

### Organ Donor Referral Rate

- **Annual Rate (09):** 100%
- **Annual Rate (10):** 100%

### Timely Notification Rate

- **Annual Rate (10):** 48%
- **Annual Rate (11):** 59%

### Effective Request Process

- **Annual Rate (10):** 90%
- **Annual Rate (11):** 100%

### Organs Transplanted By Organ

<table>
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<tr>
<th>Organ</th>
<th>Q1 10</th>
<th>Q2 10</th>
<th>Q3 10</th>
<th>Q4 10</th>
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<th>Q1 10 (n=32)</th>
<th>Q2 10 (n=23)</th>
<th>Q3 10 (n=26)</th>
<th>Q4 10 (n=26)</th>
<th>Q1 11 (n=25)</th>
<th>Q2 11 (n=26)</th>
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**Organ Definitions**

- **Referral:** patient meeting clinical triggers
- **Standard Criteria Donor (SCD):** Donors other than ECD and DCD
- **Expanded Criteria Donor (ECD):** Patients ≥ 60 years of age or 50 - 59 years of age and meeting UNOS Renal Criteria
- **Donation After Cardiac Death (DCD) Donor:** Asystolic Donor
- **Timely Notification:** Notification to OPO within 1 hours of meeting clinical triggers
- **OTPD:** Organs Transplanted Per Donor

**Description of Organ Measures**

- **Conversion Rate:** Actual donors/deaths meeting CMS criteria (eligible death); Not the same as consent rate.
- **Referral Rate:** Number of actual referrals/number of deaths in patients meeting clinical triggers
- **Timely Notification Rate:** number of timely referrals/total referrals
- **Effective Request Rate:** number of requests with huddle and approach by identified requestors/number of requests

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version date: November 2011
### TISSUE DATA

**Tissue Referral Rate**

- Q4 09: 100% (n=111)
- Q1 10: 98% (n=108)
- Q2 10: 100% (n=104)
- Q3 10: 88% (n=83)
- Q4 10: 95% (n=107)
- Q1 11: 100% (n=118)
- Q2 11: 95% (n=117)

**Tissue Conversion Rate**

- Q4 09: 20% (n=20)
- Q1 10: 15% (n=19)
- Q2 10: 20% (n=18)
- Q3 10: 15% (n=15)
- Q4 10: 16% (n=27)
- Q1 11: 14% (n=14)
- Q2 11: 23% (n=23)
- Q3 11: 22% (n=22)

**Timely Notification Rate (Tissue)**

- Q4 09: 80% (n=101)
- Q1 10: 85% (n=95)
- Q2 10: 80% (n=96)
- Q3 10: 70% (n=65)
- Q4 10: 75% (n=79)
- Q1 11: 83% (n=93)
- Q2 11: 89% (n=89)
- Q3 11: 100% (n=104)

**Tissue Donors**

- Q4 09: 2
- Q1 10: 4
- Q2 10: 3
- Q3 10: 5
- Q4 10: 4
- Q1 11: 6
- Q2 11: 7
- Q3 11: 4

### Description of Tissue Measures

**Tissue Referral Rate:** Number of referrals (organ + organ/tissue)/number of deaths

**Timely notification Rate:** Number of tissue referrals in < 60 minutes/total number of tissue referrals.

**NOTE:** Organ donors who are also consented for tissue and potential organ donors who decline donation will always be timely as the tissue referral happens prior to death (as part of the organ referral)

**Conversion Rate:** tissue donors/number of tissue approaches; Same as consent rate.

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Data Sources:
- Referral Summaries; Quality Reviews

Authors:
- Cris Barrios, MD
- Lynn Willis, MHA
- OneLegacy

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