Living Donor Committee Update

Connie Davis, MD
Chair

Board Meeting
November 14-15, 2011
Policy 12.8.4 - Submission of Living Donor Death and Organ Failure Data

Transplant programs must report all instances of living donor deaths and failure of the living donor’s native organ function within 72 hours after the program becomes aware of the living donor death or failure of the living donors’ native organ function… through the UNetSM Patient Safety System… for a period of two years from the date of the donation. The MPSC will review and report all adverse events to the Board.
In response to several recent and publicized living donor deaths, the Committee questioned if living donor deaths might be increasing.

The data did not reveal a trend of increasing liver and kidney donor deaths by year since January 1, 2000.

The committee requested regular updates to these data, as well as further analysis of the causes of donor deaths.
Results
Living Kidney Donor Deaths
Living Kidney Donor Deaths

Categories for Donor Cause of Death:

- Cancer
- Suicide
- Accident/Homicide/Line of Duty
- Medical in Nature (not necessarily related to donation)
- Other/Unknown
Living Kidney Donor
Deaths within 30 days of Donation*

Living kidney donors 10/25/99 - 03/31/11
*Excludes 3 pre-donation causes of death

Data updated 08/17/11
Living Kidney Donor
Deaths 31-90 Days Post-Donation

Year of Donation

<table>
<thead>
<tr>
<th>Year</th>
<th>Suicide</th>
<th>Accidental / Homicide / Line of Duty</th>
<th>Cancer</th>
<th>Other / Unknown</th>
<th>Medical in Nature</th>
</tr>
</thead>
<tbody>
<tr>
<td>1999</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2000</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2001</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2002</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2003</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2004</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2005</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2006</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2007</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2008</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2009</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2010</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2011</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Living kidney donors 10/25/99 - 03/31/11

Data updated 08/17/11
Living Kidney Donor
Deaths 1-2 Years Post-Donation

Data updated 08/17/11
Living Kidney Donor
Deaths Within 2 Years of Donation

Incomplete data because 2 years have not passed for all 2009-2011 donors

- Suicide
- Accidental / Homicide / Line of Duty
- Cancer
- Other / Unknown
- Medical in Nature

Living kidney donors 10/25/99 – 3/31/11
*Excludes 3 pre-donation causes of death

Data updated 08/17/11
Living Kidney Donor
Deaths Within 2 Years of Donation

Incomplete data because 2 years have not passed for all 2009-2011 donors.

Living kidney donors 10/25/99 – 3/31/11
*Excludes 3 pre-donation causes of death

Data updated 08/17/11
Living Liver Donors
1988–2010

Data updated 08/17/11
Living Liver Donor Deaths
Living Liver Donor
Deaths within 30 days of Donation

Year of Donation

Number of Donor Deaths

- Suicide
- Accidental / Homicide / Line of Duty
- Cancer
- Other / Unknown
- Medical in Nature

Living liver donors 10/25/99 – 3/31/11

Data updated 08/17/11
Living Liver Donor
Deaths 1-2 Years Post-Donation

Number of Donor Deaths

Year of Donation

Living liver donors 10/25/99 – 12/31/10

Data updated 08/17/11
Living Liver Donor

Deaths within 2 Years of Donation

Year of Donation

- Suicide
- Accidental / Homicide / Line of Duty
- Cancer
- Other / Unknown
- Medical in Nature

Living liver donors 10/25/99 – 3/31/11

Data updated 08/17/11
Living Liver Donor
Deaths within 2 Years of Donation

Incomplete data because 2 years have not passed for all 2009-2011 donors.

Living liver donors 10/25/99 – 3/31/11

Data updated 08/17/11
Conclusions

- Living donation is associated with some mortality.

- Not all of the mortality in living donors within 2 years of donation is related to donation.

- No major recent trend in post-operative mortality.

OPTN
Requests for Board Consideration

- Learning from living donor deaths
- Power of data and dissemination
- Concerns for liability
- Living donor liaisons